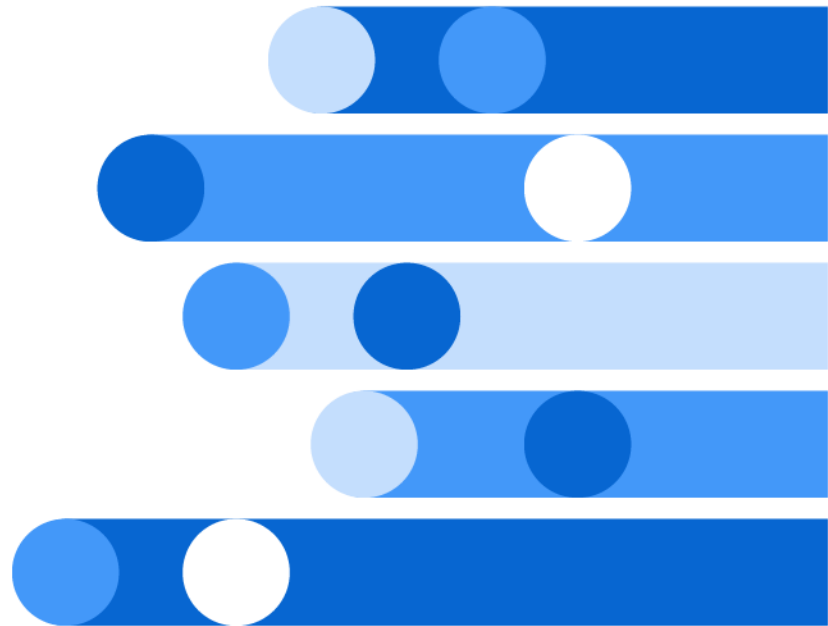




SAS[®] Viya[®]: Configuration Dictionaries

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SAS® Viya®: Configuration Dictionaries

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About This Dictionary

Overview

Configuration properties of SAS Viya platform servers and services (often referred to as *microservices*) are managed through the following:

- Configuration page in SAS Environment Manager

See [“Configuration Page” in SAS Environment Manager: User's Guide](#) for information about using SAS Environment Manager to view and change configuration information.

- sas-viya command-line interface (CLI) using the configuration plug-in

See [“How to \(CLI\)” in SAS Viya Platform: Configuration Properties](#) for information about using the CLI to manage configuration information.

Most services have properties that are configured by default at the time of deployment to ensure that they run properly. This dictionary documents these configuration properties for SAS Viya. You can view and modify these default configurations, as well as add new configuration properties.

Note: The `sitedefault.yaml` file, which is located in the `$deploy/sas-bases/examples/configuration` directory, is used primarily for the bulk loading of configuration values. The `sitedefault.yaml` file can be used only to set new property values that have not already been set. The `sitedefault.yaml` file cannot be used to modify an existing value and to deploy the software again. Therefore, SAS recommends that you do not use the `sitedefault.yaml` file for the initial deployment of your SAS Viya platform software, except where specifically described. However, you can use a `sitedefault.yaml` file from a previous SAS Viya platform release. See [“Add a sitedefault File to Your Deployment” in SAS Viya Platform: Deployment Guide](#) for information.

Default Values

Default values in the dictionary reflect initial behavior in a new deployment.

- For every Boolean property, the dictionary specifies a default value of either **true** or **false**.
- For properties that are not Boolean and have default values that are initially unspecified or blank, the dictionary uses a hyphen (-) to represent the absence of a value.

Property Names

The dictionary lists property names in the following format:

```
[sas.]configuration-definition-name - property-name
```

IMPORTANT Most configuration definition names begin with the string **sas**. The dictionary omits that string from property names for better navigation.

If a definition contains multiple same-named properties, the dictionary includes the name of that group in the property name as follows:

```
sas.configuration-definition-name:group-name - property-name
```

Note: Deprecated properties are not included. Not all supplemental properties are included. Not all services, features, and properties are applicable to all SAS Viya deployments.

Required Properties

This dictionary does not indicate which properties are required within each configuration. That information is available in SAS Environment Manager (where an asterisk indicates a required property) and the command-line interface (where each configuration definition identifies its required properties).

Restart after Modification

Service configuration properties are stored in SAS Configuration Server. For certain properties, changes to settings take effect only after you restart the associated service. This is based on whether the service is written in Java or Go. For services written in Java, changes trigger a refresh, and the new property values are applied to the service. In most situations, no restart of the service is required. A restart is required for services written in Go and the restart occurs automatically after configuration changes are applied.

For a list of Java services, use this command:

```
kubectl -n Viya_ns get deployments --selector='sas.com/deployment-base=spring'
```

For a list of Go services, use this command:

```
kubectl -n Viya_ns get deployments --selector='sas.com/deployment-base=golang'
```

In this dictionary, properties that require a restart of the service are identified by a **Requirement** field that contains the string **Restart after modification**.

If an impacted service does not restart after you save your changes, restart it manually. See [“Managing a Specific Server or Service” in SAS Viya Platform: General Management of Servers and Services](#) for the command to restart a pod.

Understanding Configurations

A service's configuration consists of *configuration instances* that the service uses.

- Configuration instances are a collection of name-value pairs (or properties).
- A service can have one or more configuration instances.
- Many services do not have any configuration instances, other than global configuration instances. For a list, see [“Services That Have Only Global](#)

Configuration Instances by Default" in *SAS Viya Platform: Configuration Properties*.

Configuration instances are based on a *configuration definition*. A configuration definition is a schema that describes a type of configuration. You create a configuration instance from a configuration definition. There are two types of configuration definitions:

- *service* configuration definition
a configuration definition that applies to one or a small set of services. An example is `sas.reportdata.properties`.
- *system* configuration definition
a configuration definition that applies to any service. (*Global* indicates the configuration instance applies to all services.) Examples are `jvm` and `spring`. For a complete list, see the SYSTEM configuration definitions from [Configuration Properties by Component on page 20](#). System configuration definitions that are applied to more than one service can have different values for the same property.

To view a list of services and their configurations, or to view a list of service definitions use one of these commands:

- **sas-viya command-line interface (CLI):** `sas-viya configuration configurations list`

For a list of configuration instances for a service: `sas-viya configuration configurations list --service servicename`

For a list of configuration definitions: `sas-viya configuration definitions list`
- **SAS Environment Manager Configuration page.** It contains two views: **All services** and **Definitions**.

The **All services** view lists all SAS Viya platform services that are currently deployed and those that an administrator has not manually stopped.

The **Definitions** view lists all the SAS Viya platform configuration definitions.

Configuration Properties by Component

This topic groups SAS Viya configuration properties by the service to which they apply. The exception is system configuration definitions that are global, which means that they are applied to every service in a SAS Viya deployment. In the table, they are prefaced with (GLOBAL). System configuration definitions that are prefaced with (SYSTEM) are configured for some services by default and can be configured for any service. (They are global in scope.)

Note: Most configuration definitions begin with the string `sas`. The dictionary omits that string from the property names for better navigation.

Here are shortcuts for the subsequent table:

GLOBAL	The following configuration definitions are global and apply to all services: sas.htmlcommons on page 23 sas.casmanagement.global on page 22 sas.compute on page 23
SYSTEM	The following system configurations are configured by default for some services and can be configured for any service: jvm on page 24 sas.common.rest.client on page 23 sas.common.web.security on page 23 sas.common.web.security.cookies on page 24 sas.common.web.security.cors on page 24 sas.common.web.security.csrf on page 24 logging.level on page 25 oauth2.client on page 25 spring on page 25

The following SAS Viya platform services are represented by their labels that are used in the **All services** view on the “[Configuration Page](#)” in *SAS Environment Manager: User's Guide*. Click on a service to view its default configuration properties.

CAS Servers and Services	CAS Management Service on page 35 CAS Proxy service on page 35 cas-shared-default on page 34
Programming Run-Time Servers	Compute Service on page 36 Launcher service on page 54 SAS Batch Service on page 33 SAS/CONNECT Spawner on page 37
SAS Viya Web Users Interfaces	Clinical Enrollment Simulation UI on page 35 Model Studio on page 57 SAS Alerts on page 75 SASAnalyticsForIoT on page 91 SAS Data Governance on page 76 SAS Detection Definition on page 76 SAS Data Explorer on page 75 SAS Environment Manager on page 77 SAS Financial Management on page 77 SAS Intelligent Decisioning on page 79 SAS Intelligent Planning on page 79 SAS Intelligent Pricing on page 80 SAS Job Execution on page 93 SAS Logon Manager on page 80 SAS Mobile Investigator on page 88 SAS Model Manager on page 88 SAS Size Optimization on page 89 SAS Data and AI Studio on page 91 SAS Theme Designer on page 94 SAS Visual Analytics on page 94 SAS Visual Investigator on page 90 SAS Workflow Manager on page 90
A-D	Accounting Rules service on page 26 Advanced Analytics Gateway service on page 29 alerts on page 26 alertsTransaction on page 27 Analytics Execution service analyticsDataSegmentation Application Registry service on page 31 Audit service Authorization service Business Rules service on page 34 catalog catalogTableBot on page 35 Code Debugger service Credentials service on page 38 Cross-domain Proxy service datasources on page 42 Data and AI Studio Redirect service on page 39 Data Flow service on page 39 Decisions service on page 42 Decisions Framework service on page 43
E-R	Fermi service on page 44 Files service on page 45 Geo Enrichment service on page 45 Identities service on page 46 Import Data Loader on page 51 iotAnalysis on page 51 iotAnalysisModels on page 52 Job Execution service on page 54 List Data service on page 55 Mail service on page 56 Maps service on page 56 Micro Analytic Score

service on page 57 | Migration Manager on page 57 | Model Repository service on page 58 | Notifications service on page 58 | Planning Grid on page 58 | Planning Process on page 59 | Reference Data service on page 60 | Report Alerts service on page 60 | Report Data service on page 62 | Report Distribution service on page 66 | Report Images service on page 66 | Report Packages service on page 67 | Report Renderer service on page 69 | Report Transforms service on page 70 | Reports Persistence service on page 70 | retailPricing on page 70 | Risk Cirrus Business Objects service on page 71 | Risk Cirrus Core service on page 70 | Risk Data service on page 74 | Risk Modeling on page 74 | Risk Pipeline Service on page 74 |

S-W SAS Drive service on page 44 | SAS Health on page 78 | SAS Health Add-in Manager on page 78 | SAS Health Cohort Builder Service on page 79 | SASInformationCatalog on page 93 | SAS Job Flow Scheduling service on page 93 | SAS Visual Analytics Administration on page 99 | Scheduler service on page 95 | Score Execution service on page 96 | Search Index service on page 96 | sizeOptimization on page 97 | Subject Contact service on page 98 | Treatment Definition service on page 98 | Visual Analytics service on page 98 | Web Data Access service on page 99 | Web Renderer service on page 100 | Workflow History service on page 102 | Workflow service on page 100

Component	Property	Default	Description
(GLOBAL) casmanagem ent.global	casmanagement.global:application - caslib (p. 177)	AppData	The name of the caslib used for application data.
	casmanagement.global:application - casServer (p. 177)	cas-shared-default	The name of the CAS server used for application work.
	casmanagement.global:default - caslib (p. 177)	Public	The name of the default caslib for users.
	casmanagement.global:default - casServer (p. 178)	cas-shared-default	The name of the default CAS server for users.
	casmanagement.global:reference - caslib (p. 178)	ReferenceData	The name of the reference caslib.
	casmanagement.global:system - caslib (p. 178)	cas-shared-default	The name of the system CAS server.
	casmanagement.global:system - casServer (p. 179)	SystemData	The name of the system caslib.
	casmanagement.global - loadedTablesCopiesCount (p. 179)	1	The number of copies of the table to make for fault tolerance when loading data.
	casmanagement.global - savedTablesCopiesCount (p. 180)	1	The number of redundant copies to make for the rows when saving data.

Component	Property	Default	Description
	casmanagement.global - tempTablesCopiesCount (p. 180)	0	The number of extra copies of temp tables.
(GLOBAL) compute	compute - domain.default (p. 202)	DefaultAuth	The default authentication domain to use for looking up host credentials.
	compute - kerberos.enabled (p. 203)	false	Specifies whether compute servers authenticate using Kerberos.
	compute - serviceAccount.default (p. 203)	-	Specifies the default service account that is used to run jobs on the host.
(GLOBAL) htmlcommons	htmlcommons - blockCommentAttachments (p. 242)	false	Blocks users from viewing or adding attachments to comments.
	htmlcommons - blockedFileExtensions (p. 243)	htm html	The list of file extensions (a denylist) that the web applications are allowed to block.
	htmlcommons - disableAutoOpenWhatsNew (p. 243)	false	Specifies whether to disable the automatic display of information about new and changed features.
	htmlcommons - disableWelcomeScreens (p. 244)	false	Specifies whether to disable the welcome screens in SAS web applications.
	htmlcommons - enablePWATimeout (p. 244)	false	Controls whether Progressive Web Application (PWA) time-out is enabled or disabled.
	htmlcommons - insecureViewingCommentAttachmentTypes (p. 245)	(see details)	The list of file content types that are allowed to be uploaded and viewed in a non-secure sandbox iframe from the Comments Manager.
(GLOBAL) sas.commons.jpa.expiration	commons.rest.jpa.expiration - batchSize (p. 440)	50	The number of records to retrieve as a group when checking for expired records.
(SYSTEM) commons.rest.client	commons.rest.client - proxy.bypass (p. 190)	false	Enables requests to be routed directly to the service rather than through the HTTP proxy.
	commons.rest.client - sas.url.external.viya (p. 191)	-	Overrides the external host and port used when generating URLs for accessing this system.
(SYSTEM) commons.web.security	commons.web.security - content-security-policy (p. 191)	(see details)	The string used for the Content-Security-Policy HTTP header.

Component	Property	Default	Description
	commons.web.security - content-security-policy-enabled (p. 195)	true	Sends the Content-Security-Policy header in HTTP responses to prevent injection attacks.
	commons.web.security - x-content-type-options (p. 195)	nosniff	The string used for the X-Content-Type-Options header for unsecured endpoints.
	commons.web.security - x-content-type-options-enabled (p. 196)	true	Sends the X-Content-Type-Options header in HTTP responses for unsecured endpoints.
	commons.web.security - x-xss-protection (p. 196)	1; mode=block	The string used for the X-XSS-Protection header for unsecured endpoints.
	commons.web.security - x-xss-protection-enabled (p. 197)	true	Sends the X-XSS-Protection header in HTTP responses for unsecured endpoints.
(SYSTEM) commons.web.security.cookies	commons.web.security.cookies - sameSite (p. 197)	Lax	Specifies whether cookies should be sent only with same-site requests.
(SYSTEM) commons.web.security.cors	commons.web.security.cors - allowCredentials (p. 198)	false	Allows user credentials to be used in cross-origin requests (CORS).
	commons.web.security.cors - allowedHeaders (p. 199)	*	The comma-separated list of HTTP headers that a pre-flight request can list as allowed for use during an actual request.
	commons.web.security.cors - allowedMethods (p. 199)	HEAD, GET	The comma-separated list of HTTP methods that are allowed by default in cross-origin requests (CORS).
	commons.web.security.cors - allowedOrigins (p. 200)	-	The comma-separated list of origins that are allowed by default. See Details.
	commons.web.security.cors - maxAge (p. 201)	-	The duration of time in seconds that the response from a pre-flight request can be cached by clients.
(SYSTEM) commons.web.security.csrf	commons.web.security.csrf - (p. 201)		See details.
	commons.web.security.csrf - allowedUris (p. 202)	-	The comma-separated list of referer URIs that are allowed by default. The list must contain regular expressions.
(SYSTEM) jvm	jvm (p. 282)	(see details)	Java properties that are used to configure the Java Virtual Machine when it is launched.

Component	Property	Default	Description
	jvm - java_option_max_direct_mem (p. 283)	(see details)	The maximum heap size of the Java application as a percentage of the total memory of a physical server or container
	jvm - java_option_max_ram_percentage (p. 284)	(see details)	The maximum heap size of the Java application as a percentage of the total memory of a physical server or container
(SYSTEM) logging.level	logging.level - level (p. 299)	(see details)	Specifies the logging level.
	logging.level - name (p. 300)	-	Specifies the logger name.
(SYSTEM) oauth2.client	oauth2.client - accessTokenValidity (p. 378)	3600	The number of seconds that access tokens issued to the application are valid for.
	oauth2.client - loginHint (p. 378)	-	The origin of the external identity provider that should be used for login.
	oauth2.client - refreshTokenValidity (p. 379)	1,209,600	The number of seconds that refresh tokens issued to the application are valid for.
(SYSTEM) spring	endpoints (p. 235)		The set of properties that are used to configure Spring Actuator endpoints.
	security (p. 448)		The set of properties that are used to configure Spring security.
	server (p. 450)		The set of properties that are used to configure the embedded Spring server.
	server - servlet.session.timeout (p. 451)	1800	Specifies the Spring Boot session time out interval.
	server - http.session.maxAge (p. 452)	1800	Specifies session time out interval for SAS Viya web applications.
	spring (p. 456)	see details	The set of properties that are used to configure other Spring features.
	spring - datasource.tomcat.maxActive (p. 457)	100	Spring Boot Property
	spring - datasource.tomcat.maxIdle (p. 457)	75	Spring Boot Property

Component	Property	Default	Description
	spring - datasource.tomcat.max Wait (p. 457)	30000	Spring Boot Property
	spring - profiles.active (p. 458)	(see details)	The comma-separated list of active profiles.
accountingRules	accounting.rules.bootstrap - databaseCheck (p. 119)	false	Check database configurations.
	accounting.rules.bootstrap - retryDelay (p. 119)	10,000	Time in milliseconds to wait after a bootstrap failure before next retry attempt.
	accounting.rules.bootstrap - retryMaxAttempts (p. 119)	120	Number of times to retry bootstrapping on failures.
	accounting.rules.rest - retryDelay (p. 120)	5,000	Time in milliseconds to wait after a REST call failure before next retry attempt.
	accounting.rules.rest - retryMaxAttempts (p. 120)	60	Number of times to retry REST calls on failures.
	jvm - java_option_max_ram_percentage (p. 284)	(see details)	The maximum heap size of the Java application as a percentage of the total memory of a physical server or container
alerts	alerts.dispositions - max.bulk.disposition.alerts (p. 120)	1,000	The maximum number of alerts permitted for a bulk disposition request.
	alerts.kafka - enabled (p. 121)	false	Enables Kafka message polling
	alerts.kafka - offset (p. 121)	earliest	Enables Kafka message polling
	alerts.kafka - poller.count (p. 122)	1	The number polls to process simultaneously.
	alerts.kafka - poller.timeout (p. 122)	10,000	The timeout for the kafka poll. This is a performance tuning parameter.
	alerts.kafka - server (p. 122)	localhost:9092	The hostname and port of the Kafka server. The format is: host:port.
	alerts.kafka - topic (p. 122)	sas-alert-tdr-topic	The Kafka topic.
	alerts.kafka.outbound - acks (p. 123)	1	The number of acknowledgments the producer requires the leader to have received before considering a request complete

Component	Property	Default	Description
	alerts.kafka.outbound - batch.size (p. 123)	16,384	The producer will attempt to batch records together into fewer requests whenever multiple records are being sent to the same partition.
	alerts.kafka.outbound - linger.ms (p. 124)	0	The producer groups together any records that arrive in between request transmissions into a single batched request.
	alerts.tasks.metadata - max.upsert.objects (p. 124)	500	The maximum number of objects permitted for a bulk upsert.
	alerts.tasks - batchSize (p. 124)	500	The number of alerts to process in one batch.
	alerts.tasks - maxTasks (p. 125)	5	The maximum number of concurrent background tasks.
	alerts.tasks - tick (p. 125)	10m	The interval which background tasks are invoked.
alertsTransaction	alerts-transaction.discriminator s (p. 126)	-	A map of discriminator variable name and its path.
	alerts-transaction.kafka - enabled (p. 126)	true	Enables kafka message polling for this tenant.
	alerts-transaction.kafka - offset (p. 127)	earliest	The initial kafka offset to use the first time a topic is polled.
	alerts-transaction.kafka - poller.count (p. 127)	1	The number polls to process simultaneously.
	alerts-transaction.kafka - poller.timeout (p. 127)	10,000	The timeout for the kafka poll. This is a performance tuning parameter.
	alerts-transaction.kafka - server (p. 128)	(see details)	The kafka bootstrapper URL string. The Format is 'host:port'.
	alerts-transaction.kafka - topic (p. 128)	sas-alert-topic-p3-r2	The kafka topic.
analyticsData Segmentation service	alerts-transaction.metadata - max.upsert.objects (p. 128)	100	The maximum number of objects permitted for a bulk upsert.
	analytics.resources - segmentation.plan.polling.delay (p. 149)	3000ms	The period to delay between polls on the plan state to determine whether the plan itself is no longer running (or pending).

Component	Property	Default	Description
	analytics.resources - segmentation.plan.polling.retry.attempts (p. 150)	10	The maximum number of retries of polls on the plan state to determine whether the plan itself is no longer running (or pending).
	analytics.resources - segmentation.segment.completion.poll.frequency (p. 150)	1	The number of polls to make per second in the job execution service to determine whether a segment execution job is complete.
analyticsExecution	analytics.execution - (p. 137)		See Details
	analytics.execution - component.delete.listener.retry.attempts (p. 138)	10	The number of retry attempts for the listener of Component Job Deleted events.
	analytics.execution - component.delete.listener.retry.delay.duration (p. 138)	2s	The period to delay before retrying a failed event by the listener of Component Job Deleted events.
	analytics.execution - flow.delete.listener.retry.attempts (p. 139)	10	The number of retry attempts for the listener of Flow Job Deleted events.
	analytics.execution - flow.delete.listener.retry.delay.duration (p. 139)	2s	The period to delay before retrying a failed event by the listener of Flow Job Deleted events.
	analytics.execution - flow.job.cancel.listener.retry.attempts (p. 140)	10	The number of retry attempts for the listener of Flow Job Cancel events.
	analytics.execution - flow.job.cancel.listener.retry.delay.duration (p. 140)	2s	The period to delay before retrying a failed event by the listener of Flow Job Cancel events.
	analytics.execution - flow.job.nodes.created.listener.retry.attempts (p. 141)	10	The number of retry attempts for the listener of Flow Job Nodes Created events.
	analytics.execution - flow.job.nodes.created.listener.retry.delay.duration (p. 141)	2s	The period to delay before retrying a failed event by the listener of Flow Job Nodes Created events.
	analytics.execution - job.delete.listener.retry.attempts (p. 142)	10	The number of retry attempts for the listener of Job Deleted events.
	analytics.execution - job.delete.listener.retry.delay.duration (p. 142)	2s	The period to delay before retrying a failed event by the listener of Job Deleted events.

Component	Property	Default	Description
	analytics.execution - launcher.cycle.time.duration (p. 143)	500ms	The frequency at which to send a signal to all the tenant work loops telling them to look for nodes to launch.
	analytics.execution - launcher.rest.period.duration (p. 143)	10ms	The period to delay after launching a node before looking for the next node to launch.
	analytics.execution - maximum.concurrent.node.execution (p. 144)	10	Maximum number of concurrently executing nodes for each execution provider within each tenant.
	analytics.execution - node.execution.lock.time.out.duration (p. 145)	2m	The duration a node lock is valid.
	analytics.execution - node.job.created.listener.retry.attempts (p. 145)	10	The number of retry attempts for the listener of Node Job Created events.
	analytics.execution - node.job.created.listener.retry.delay.duration (p. 146)	2s	The period to delay before retrying a failed event by the listener of Node Job Created events.
	analytics.execution - hung.graph.cleanup.frequency (p. 146)	60s	The frequency at which the hung graph cleanup task should be run.
	analytics.execution - hung.graph.candidate.duration (p. 147)	2m	The minimum time since last update of a graph that should be checked for corresponding running JES jobs.
	analytics.execution - hung.node.cleanup.frequency (p. 148)	30s	The frequency at which the hung node cleanup task should be run.
analyticsGateway	analytics.execution - hung.node.candidate.duration (p. 149)	60s	The minimum time since last update of a node that should be checked for corresponding running JES jobs.
	analytics.common.auth.service.health - enabled (p. 129)	true	Enables the retry mechanism during Authorization Service outages.
	analytics.common.auth.service.health - healthCheckPeriodMs (p. 130)	10000	The minimum amount of time (in milliseconds) between calls to health check the authorization service.
	analytics.common.auth.service.health - healthCheckUncertaintyMs (p. 130)	5000	The amount of time (in milliseconds) to wait after the authorization service has been restored before considering new HTTP request statuses to be accurate.

Component	Property	Default	Description
	analytics.common.auth.service.health - retryMultiplier (p. 131)	2	Determines the delay before subsequent retries.
	analytics.common.auth.service.health - retryInitialInterval (p. 131)	100	The initial retry interval period in milliseconds.
	analytics.common.auth.service.health - retryMaxInterval (p. 132)	30000	The maximum retry interval period in milliseconds.
	analytics.gateway - jobTtlSeconds (p. 132)	86400	The default number of seconds to keep a job around after completion.
	analytics.gateway.job.segment.execution - (p. 133)	1	This property is deprecated as of 2023.06.
	analytics.projects - deferredCleanup.enabled (p. 133)	true	Enables the background cleanup of project or pipeline resources after they have been deleted.
	analytics.projects - deferredCleanup.trackPermanently (p. 133)	false	Enables the tracking of resources that have reached the maximum number of cleanup attempts.
	analytics.projects - deferredCleanup.initialDelay (p. 134)	60,000	The initial delay, in milliseconds, before the initial attempt for background resource cleanup begins.
	analytics.projects - deferredCleanup.maxAttempts (p. 134)	100	The maximum number of cleanup attempts for a particular deleted resource.
	analytics.projects - deferredCleanup.iterationDelay (p. 135)	10,000	The delay, in milliseconds, between successive attempts for background resource cleanup.
	analytics.projects - dataSource.path (p. 135)	projects	Common root path under which a project's caslib data is stored.
	analytics.projects - dataSource.type (p. 135)	PATH	The type of caslib created to store project data.
	analytics.projects - updateRetries.backoffMultiplier (p. 136)	1.25	On each new retry, the delay from the previous retry is multiplied by this value.
	analytics.projects - updateRetries.initialDelay (p. 136)	500	The initial delay, in milliseconds, before the initial retry is attempted after a project database update failure.

Component	Property	Default	Description
	analytics.projects - updateRetries.maxAttempts (p. 137)	5	The maximum number of project update retries before treating an update failure as an error.
	logging.level: com.sas.authorization (p. 301)	INFO	
	appRegistry		
appRegistry	appregistry - supplementalProperties (p. 151)	-	User-added, advanced properties.
	appregistry.configuration - directive.denylist.csv (p. 151)	-	List of application IDs to suppress for all users.
	appregistry.configuration - initial.application.csv (p. 152)	-	The application ID to open when the user logs on to '/.
audit	audit.archive.process - activity.retention (p. 152)	365d	Retains activity records in the audit database for the specified time period.
	audit.archive.process - activity.retention.in.archive (p. 152)	1827d	Retains activity records in the audit archive for the specified time period.
	audit.archive.process - audit.retention (p. 153)	7d	Retains audit records in the audit database for the specified time period.
	audit.archive.process - audit.retention.in.archive (p. 153)	1827d	Retains audit records in the audit archive for the specified time period.
	audit.archive.process - batchSize (p. 154)	1000	Specifies the maximum number of audit and activity records that are processed in a single batch by an instance of the archive job. Also specifies the maximum number of records in a daily archive file.
	audit.archive.process - enabled (p. 154)	true	Enables or disables the transfer of audit and activity records from the audit database to the audit archive.
	audit.archive.process - scanSchedule (p. 154)	0 0 * * *	Schedules the job that transfers audit and activity records from the audit database to the audit archive.
	audit.archive.process - storageType (p. 155)	none	Specifies the type of storage used for the audit archive.
	audit.archive.system - storage.local.destination (p. 155)	/auditData	The file location to use when storageType is set to local.
	audit.archive.system - storage.local.remainingSpaceThreshold (p. 156)	25	Specifies the percentage of available storage in the archive PV that triggers a stoppage of transforms into the archive.

Component	Property	Default	Description
	audit.purge - enabled (p. 156)	true	Enables the purging of records from the audit archive.
	audit.purge - purgeSchedule (p. 157)	0 0 * * *	Schedules the job that purges expired records from the audit archive.
	audit.record - activities.exclusion.list (p. 157)		Comma-separated list of service names for which activity events will not be recorded.
	audit.record - activity.recording.level (p. 158)	high	Specifies the amount of information that is stored in activity records.
	audit.record - audit.exclusion.list (p. 158)		Comma-separated list of service names for which resource-type audit events will not be recorded.
	audit.record - audit.recording.level (p. 159)	disabled	Specifies the minimum-required audit level for incoming audit actions.
	audit.record - service.list (p. 159)		Comma-separated list of services for which the READ events would be audited even when recording level discards READ events.
	audit.reporting - app.list (p. 160)	(see details)	Specifies the audit and activity records that are copied into CAS for reporting.
	audit.reporting - enabled (p. 160)	true	Enables the copying of audit records from the audit database to CAS.
	audit.reporting - include.app.records (p. 161)	true	Determines whether audit records from SAS applications are copied from the audit database to CAS.
	audit.reporting - query.page.size (p. 161)	5,000	Specifies the maximum number of audit records that are copied from the audit database to CAS in a single job.
	audit.reporting - refresh.schedule (p. 161)	0 */2 * * *	Schedules the job that copies audit records into CAS.
	audit.reporting - retention (p. 162)	7d	Specifies the length of time that audit records are retained in the audit database.
	audit.reporting.activities - enabled (p. 162)	true	Enables the copying of records from the audit database to CAS for the creation of reports.
	audit.reporting.activities - query.page.size (p. 163)	5000	Specifies the number of records that are copied from the audit database to CAS for the creation of reports.

Component	Property	Default	Description
	audit.reporting.activities - refresh.schedule (p. 163)	*/30 * * *	Schedules the job that copies records from the audit database to CAS.
	audit.reporting.activities - retention (p. 163)	180d	Specifies the retention period for records in the audit database.
authorization	authorization - maxAncestryCacheSize (p. 164)	1000	Specifies the maximum number of ancestors to cache per object.
	authorization - remote (p. 164)	true	Specifies whether enforcement in the general authorization system is enabled.
	authorization - reshareEnabled (p. 165)	true	Specifies whether resharing is enabled.
	authorization - rules.executorThreads (p. 165)	20	Specifies the number of threads that are available for bulk processing of authorization rules.
	authorization - sharingEnabled (p. 166)	true	Specifies whether sharing is enabled.
	authorization - warnOnCycles (p. 166)	true	Specifies whether cyclic warnings are written to the authorization service log.
	event - eventConsumerThreadPoolSize (p. 241)	(see details)	Event consumer threads.
batch	batch - retentionInterval (p. 168)	3600	The number of seconds between retention checks.
	batch - retentionPeriod (p. 168)	0	The number of seconds a job will be retained before it is eligible for purging.
	batch - reusableServerMaxAge (p. 169)	604800	See Details
	batch.server:autoexec_code - contents (p. 169)	(see details)	The contents of this configuration instance.
	batch.server:autoexec_code - name (p. 170)	autoexec_code	The name of this configuration instance.
	batch.server:configuration_options - contents (p. 171)	(see details)	The contents of this configuration instance.
	batch.server:configuration_options - name (p. 171)	configuration_options	The name of this configuration instance.

Component	Property	Default	Description
	batch.server:restricted_options - contents (p. 172)	(see details)	The contents of this configuration instance.
	batch.server:restricted_options - name (p. 172)	restricted_options	The name of this configuration instance.
	batch.server:startup_commands - contents (p. 173)	(see details)	The contents of this configuration instance.
	batch.server:startup_commands - name (p. 174)	startup_commands	The name of this configuration instance.
businessRules	businessrules - (p. 167)		Properties for Business Rules service. See SAS Intelligent Decisioning documentation.
	businessrules.checkout - (p. 167)		Properties for Business Rules service. See SAS Intelligent Decisioning documentation.
	businessrules.publish - (p. 167)		Properties for Business Rules service. See SAS Intelligent Decisioning documentation.
cas-shared-default	cas.instance.config:config - contents (p. 180)	(see details)	The contents of this configuration instance that is read by CAS configuration processing.
	cas.instance.config:config - name (p. 181)	config	The targeted CAS configuration instance to apply modifications.
	cas.instance.config:delete - contents (p. 182)	(see details)	The contents of this configuration instance that is read by CAS configuration processing.
	cas.instance.config:delete - name (p. 183)	delete	The targeted CAS configuration instance to apply modifications.
	cas.instance.config:logconfig - contents (p. 183)	(see details)	The contents of this configuration instance that is read by CAS configuration processing.
	cas.instance.config:logconfig - name (p. 184)	logconfig	The targeted CAS configuration instance to apply modifications.
	cas.instance.config:sessionlogconfig - contents (p. 184)	(see details)	The contents of this configuration instance that are read by CAS configuration processing.
	cas.instance.config:sessionlogconfig - name (p. 185)	sessionlogconfig	The targeted CAS configuration instance to apply modifications.
	cas.instance.config:settings - contents (p. 185)	(see details)	The contents of this configuration instance that are read by CAS configuration processing.
	cas.instance.config:settings - name (p. 186)	settings	The targeted CAS configuration instance to apply modifications.

Component	Property	Default	Description
	cas.instance.config:start up - contents (p. 187)	(see details)	The contents of this configuration instance that are read by CAS configuration processing.
	cas.instance.config:start up - name (p. 187)	startup	The targeted CAS configuration instance to apply modifications.
casManagem ent	casmanagement - casManager: jobHeartbeatInterval (p. 174)	PT5M	The heartbeat value to use for jobs.
	casmanagement - casManager: jobExpireAfter (p. 175)	P7D	The amount of time after job completion until the job is deleted.
	casmanagement - fileUpload: fileUploadBufferSize (p. 175)	4,096	The upload buffer size in kilobytes
	casmanagement - fileUpload: fileUploadEnabled (p. 176)	true	Enables datafile upload.
	casmanagement - fileUpload: maxFileUploadSize (p. 176)	25,000	The maximum datafile upload size in megabytes (-1 = no limit)
casProxy	casproxy - casJSEExpiresAfter (p. 188)	-	The amount of time after job completion before the job execution service deletes the job.
	casproxy - casJESHeartbeatInterval (p. 188)	300	The heartbeat value (in seconds) to use with a CASL job execution provider job.
catalog	catalog - (p. 189)		The catalog service contains general administrative properties for SAS Data Governance. The configuration definition is sas.catalog.
catalogtablebot	catalogtablebot - (p. 189)		The catalogTableBot service contains properties for data agents in SAS Data Governance. The configuration definition is sas.catalogtablebot.
Clinical Enrollment Simulation UI	commons.web.security - content-security-policy (p. 191)	(see details)	The string used for the Content-Security-Policy HTTP header.
	commons.web.security - content-security-policy-enabled (p. 195)	true	Sends the Content-Security-Policy header in HTTP responses to prevent injection attacks.

Component	Property	Default	Description
	commons.web.security - x-content-type-options (p. 195)	nosniff	The string used for the X-Content-Type-Options header for unsecured endpoints.
	commons.web.security - x-content-type-options-enabled (p. 196)	true	Sends the X-Content-Type-Options header in HTTP responses for unsecured endpoints.
	commons.web.security - x-xss-protection (p. 196)	1; mode=block	The string used for the X-XSS-Protection header for unsecured endpoints.
	commons.web.security - x-xss-protection-enabled (p. 197)	true	Sends the X-XSS-Protection header in HTTP responses for unsecured endpoints.
codeDebugger	codedebugger.session.timeout - check.interval (p. 189)	1	Timeout interval (minutes) to check for inactive sessions.
	codedebugger.session.timeout - enabled (p. 189)	true	Enables session time-out monitoring.
	codedebugger.session.timeout - period (p. 190)	30	Timeout period (minutes) for inactive sessions.
compute	compute.server - autoexec_code - contents (p. 203)	(see details)	The contents of this configuration instance.
	compute.server - autoexec_code - name (p. 204)	autoexec_code	The name of this configuration instance.
	compute.server - configuration_options - contents (p. 204)	(see details)	The contents of this configuration instance.
	compute.server - configuration_options - name (p. 205)	configuration_options	The name of this configuration instance.
	compute.server - logconfig - contents (p. 205)	(see details)	The contents of this configuration instance.
	compute.server - logconfig - name (p. 206)	logconfig	The name of this configuration instance.
	compute.server - restricted_options - contents (p. 206)	(see details)	The contents of this configuration instance.
	compute.server - restricted_options - name (p. 207)	restricted_options	The name of this configuration instance.

Component	Property	Default	Description
	compute.server - startup_commands - contents (p. 208)	(see details)	The contents of this configuration instance.
	compute.server - startup_commands - name (p. 208)	startup_commands	The name of this configuration instance.
	compute.service - jobExecutionServiceProvider - omitSessionResults (p. 209)	see details	Specifies whether the Compute job's results are saved.
connect-spawner-viya	connect.server - autoexec_code - contents (batch) (p. 210)	(see details)	The contents of this configuration instance.
	connect.server - autoexec_code - name (batch) (p. 210)	autoexec_code	The name of this configuration instance.
	connect.server - autoexec_code - contents (p. 211)	(see details)	The contents of this configuration instance.
	connect.server - autoexec_code - name (p. 211)	autoexec_code	The name of this configuration instance.
	connect.server - configuration_options - contents (p. 212)	(see details)	The contents of this configuration instance.
	connect.server - configuration_options - name (p. 212)	configuration_options	The name of this configuration instance.
	connect.server - logconfig - contents (p. 213)	(see details)	The contents of this configuration instance.
	connect.server - logconfig - name (p. 213)	logconfig	The name of this configuration instance.
	connect.server - restricted_options - contents (p. 214)	(see details)	The contents of this configuration instance.
	connect.server - restricted_options - name (p. 215)	restricted_options	The name of this configuration instance.

Component	Property	Default	Description
	connect.server - startup_commands - contents (p. 215)	(see details)	The contents of this configuration instance.
	connect.server - startup_commands - name (p. 216)	startup_commands	The name of this configuration instance.
	connect.spawner - logconfig - contents (p. 216)	(see details)	The contents of this configuration instance.
	connect.spawner - logconfig - name (p. 217)	logconfig	The name of this configuration instance.
	connect.spawner - startup_commands - contents (p. 217)	(see details)	The contents of this configuration instance.
	connect.spawner - startup_commands - name (p. 218)	startup_commands	The name of this configuration instance.
credentials	credentials.azure - keyVault (p. 218)	-	The key vault URI.
	credentials.azure - name (p. 219)	-	Name of the secret in the key vault.
cross-domain proxy service	crossdomainproxy - Cross Domain Proxy service (p. 220)		The Cross Domain Proxy service provides access to external web resources over HTTP.
	crossdomainproxy - allowedDomains (p. 220)	-	The list of domains (an allowlist) that the cross-domain proxy can access.
	crossdomainproxy - allowSystemDomains (p. 221)	true	Enables the list of trusted domains (if any) required by SAS.
	crossdomainproxy.system - excludeRequestHeaders (p. 222)	-	The list of header names (a denylist) that the cross-domain proxy excludes from requests sent to a destination URL.
	crossdomainproxy.system - outboundHttpProxyUrl (p. 222)	-	The proxy that is used for outgoing HTTP requests.
	crossdomainproxy.system - outboundHttpsProxyUrl (p. 223)	-	The proxy that is used for outgoing HTTPS requests.

Component	Property	Default	Description
Data Flow service	data.flows - allowedStepLinks (p. 227)	(not set)	The list of domains that are available for SAS Studio custom steps.
	data.flows - defaultTableSource (p. 228)	WORK	Default libname for output tables.
	data.flows - diagnosticEnabled (p. 228)	false	Enables low volume diagnostic logging at Info level.
	data.flows - surrogateKeyOrderEnabled (p. 228)	false	Enables the Implement SCD Step to assign surrogate keys in ascending order according to the ascending sort order of the business keys.
	data.flows - tempTableSource (p. 229)	WORK	Libname for generated temp tables.
Data Mining Risk Models service	dataminingriskmodels.properties - compute.job.wait.time (p. 230)	30	Time (seconds) to wait for a compute job to complete.
dataAIStudioRedirect	studio - abandonedSessionTimeout (p. 459)	5	When the server has not heard from the browser in the specified number of minutes, the session is timed out.
	studio - allowCopyPasteData (p. 459)	true	Allows users to copy and paste from the table viewer.
	studio - allowDownload (p. 460)	true	Allows users to download data.
	studio - allowExport (p. 460)	true	Allows administrators to restrict users from exporting data.
	studio - allowGit (p. 461)	true	Allows users to use Git functionality.
	studio - allowGitKerberosAuthentication (p. 461)	false	Enables users to create Git Kerberos profiles.
	studio - allowGitPassword (p. 461)	false	Enables users to create Git profiles that require a password for HTTPS authentication.
	studio - allowGitSSHPassword (p. 462)	false	Enables users to create Git profiles with password protected SSH authentication.

Component	Property	Default	Description
	studio - allowGitSSLCertFilepath (p. 462)	false	Enables users to create Git HTTPS profiles with a specified TLS Certification.
	studio - allowPrintData (p. 462)	true	Allows users to print from the table viewer.
	studio - allowUpload (p. 463)	true	Allows users to upload data.
	studio - defaultTextEncoding (p. 463)	UTF-8	Specifies the encoding applied to SAS and text files.
	studio - enableAllFeatureFlags (p. 464)	false	Allows administrators to enable all features under a feature flag.
	studio - enableAutoCompleteLibraries (p. 464)	true	Allows administrators to control autocompletion of libraries when editing code.
	studio - enableAutoCompleteTables (p. 464)	true	Allows administrators to control autocompletion of tables when editing code.
	studio - fileNavigationCustomRootPath (p. 465)	-	Specifies custom path where file navigation starts.
	studio - fileNavigationRoot (p. 465)	USER	Specifies where file navigation starts.
	studio - flowColumnLimit (p. 465)	10,000	Specifies the maximum number of columns retrieved for a table node in a flow
	studio - globalShortcuts (p. 466)	-	Specifies global shortcuts to display in the UI.
	studio - longPollingHoldTimeSeconds (p. 466)	30	Specifies the maximum number of seconds to wait for a message from the client.
	studio - maxGitFileSize (p. 466)	30,000,000	Specifies the maximum size (bytes) allowed for Git files.
	studio - maxUploadSize (p. 467)	104,857,600	Specifies the maximum size (bytes) allowed for uploading a file.
	studio - pwaSessionTimeout (p. 467)	-	When PWA-enabled application has not registered user activity in the specified duration, the session is timed out.

Component	Property	Default	Description
	studio - serverDisplayName (p. 467)	-	Specifies an alternate display name for the server instead of using the host name.
	studio - showServerFiles (p. 468)	false	Allows administrators to show or hide the local file system.
	studio - validMemName (p. 468)	EXTEND	Specifies the rules for naming SAS data sets, SAS data views, and item stores.
	studio - validVarName (p. 468)	ANY	Controls the type of SAS variable names that can be used or created during a SAS session.
dataSelection	aiot - caslib (p. 276)	QASmartStore	The default planning caslib
	aiot - casTableLifetime (p. 276)	2,592,000	Cas table lifetime value in seconds
	aiot - csvPageSize (p. 276)	10,000	Page size of the csv download from cas table.
	aiot - csvRows (p. 277)	5,000	Max rows to be fetched from cas table in each call
	aiot - jesPollInterval (p. 277)	5	PollInterval time in Seconds while getting job state from JES
	aiot - maxNoOfAnalysesToRun (p. 277)	25	Maximum number of analyses to run at the same time
	aiot - maxNoOfAnalysesToSave (p. 277)	25	Maximum number of analyses to save at the same time
	aiot - packagePath (p. 278)	-	Package path for migration
	aiot - queryOnlyCAS (p. 278)	true	Indicate to query to CAS in memory data only, if set to false then it will fetch data from part files
	aiot - server (p. 278)	cas-shared-default	Name of CAS server
	aiot - userCasLib (p. 279)	CASUSER	The user Specific caslib
	aiot.cls - listOfRestrictedColumns (p. 279)	-	Columns that are to be restricted for certain users.
	aiot.cls - listOfRestrictedUsers (p. 279)	-	Users who are restricted to certain columns.

Component	Property	Default	Description
	aiot.job - batchLogRetentionTime (p. 279)	21,600	Specify how long (in minutes) to retain the auto-update logs.
	aiot.job - emIssuesSubLogRetentionTime (p. 280)	21,600	Specify how long (in minutes) to retain the logs generated by alert groups of the type Emerging Issues.
	aiot.job - noOfAnalysesPerUserToRunInParallel (p. 280)	7	See details.
	aiot.job - noOfEmIssuesPerUserToRunInParallel (p. 280)	3	Specify the number of users whose analyses can run concurrently during auto-updates.
	aiot.job - noOfUsersToRunInParallel (p. 281)	3	Specify the number of users whose analyses can run concurrently during auto-updates.
datasources	datasources - allowAsyncJobExecutions (p. 230)	false	Indicates whether connection jobs should be run asynchronously for performance.
	datasources - allowSharedConnections (p. 230)	false	Indicates whether connections should be shared by default or readable by all users.
decisions	decisions - (p. 231)		Properties for Decisions service. See SAS Intelligent Decisioning documentation.
	decisions.checkout - (p. 232)		Properties for Decisions service. See SAS Intelligent Decisioning documentation.
	decisions.codefiles - (p. 232)		Configurable properties for Decisions service. See SAS Intelligent Decisioning documentation.
	decisions.masnode - (p. 232)		Configurable properties for Decisions service. See SAS Intelligent Decisioning documentation.
	decisions.nodetraces - (p. 232)		Configurable properties for Decisions service. See SAS Intelligent Decisioning documentation.
	decisions.restapidefinition - (p. 233)		Properties for Decisions service. See SAS Intelligent Decisioning documentation.
	decisions.restapidefinition.checkout - (p. 233)		Properties for Decisions service. See SAS Intelligent Decisioning documentation.
	decisions.segmentationtrees - (p. 233)		Properties for Decisions service. See SAS Intelligent Decisioning documentation.
	decisions.segmentationtrees.checkout - (p. 233)		Properties for Decisions service. See SAS Intelligent Decisioning documentation.

Component	Property	Default	Description
	decisions.variable.length - (p. 234)		Properties for Decisions service. See SAS Intelligent Decisioning documentation.
	decisions.workflow - (p. 234)		Properties for Decisions service. See SAS Intelligent Decisioning documentation. This property is deprecated.
	subjectcontacts.datagrid - (p. 234)		Properties for Decisions service. See SAS Intelligent Decisioning documentation.
	treatmentdefinitions.datagrid - (p. 234)		Properties for Decisions service and Treatment Definition service. See SAS Intelligent Decisioning documentation.
decisionsFramework	decisions - (p. 231)		Properties for Decisions service. See SAS Intelligent Decisioning documentation.
	decisions.checkout - (p. 232)		Properties for Decisions service. See SAS Intelligent Decisioning documentation.
	decisions.codefiles - (p. 232)		Configurable properties for Decisions service. See SAS Intelligent Decisioning documentation.
	decisions.masnode - (p. 232)		Configurable properties for Decisions service. See SAS Intelligent Decisioning documentation.
	decisions.nodetraces - (p. 232)		Configurable properties for Decisions service. See SAS Intelligent Decisioning documentation.
	decisions.restapidefinition - (p. 233)		Properties for Decisions service. See SAS Intelligent Decisioning documentation.
	decisions.restapidefinition.checkout - (p. 233)		Properties for Decisions service. See SAS Intelligent Decisioning documentation.
	decisions.segmentationtrees - (p. 233)		Properties for Decisions service. See SAS Intelligent Decisioning documentation.
	decisions.segmentationtrees.checkout - (p. 233)		Properties for Decisions service. See SAS Intelligent Decisioning documentation.
	decisions.variable.length - (p. 234)		Properties for Decisions service. See SAS Intelligent Decisioning documentation.
	decisions.workflow - (p. 234)		Properties for Decisions service. See SAS Intelligent Decisioning documentation. This property is deprecated.
	subjectcontacts.datagrid - (p. 234)		Properties for Decisions service. See SAS Intelligent Decisioning documentation.
	referencedata - (p. 383)		Properties for Reference Data service. These are documented in the SAS Intelligent Decisioning Administration Guide.

Component	Property	Default	Description
	referencedata.casformats - (p. 383)		Properties for Reference Data service. These are documented in the SAS Intelligent Decisioning Administration Guide.
	referencedata.checkout - (p. 383)		Properties for Reference Data service. These are documented in the SAS Intelligent Decisioning Administration Guide.
	referencedata.publish - (p. 384)		Properties for Reference Data service. These are documented in the SAS Intelligent Decisioning Administration Guide.
drive	drive.service - (p. 434)	200	SAS Drive will be retired in the 2026.06 (June 2026) release. See details.
	drive.service - maxNumUserCacheRecords (p. 435)	200	The maximum number of cached user-specific records.
	drive.service - maxNumResourceCacheRecords (p. 435)	20000	The maximum number of cached resource-specific records.
	drive.service - maxNumInFolderCacheRecords (p. 436)	1000	The maximum number of resource-specific records per 'in folder' cache.
fermi	fermi - (p. 236)	1	The Fermi service is an event-driven scheduling and execution engine.
	fermi - contextActivationAttemptWaitTime (p. 237)	1	Period in seconds to wait for context activation to be recognized by the scheduler.
	fermi - contextScaler.enabled (p. 237)	true	Enable scaling of context worker replicas.
	fermi - contextScalerMonitorCheck (p. 237)	5	Period in seconds to periodically check changes in the workload of a context.
	fermi - contextScalerMonitorSleep (p. 237)	480	Period in minutes to sleep when there is no workload on a context.
	fermi - contextScalerMonitorWindow (p. 238)	60	Period in seconds to determine the workload of a context queue.
	fermi - deployContextOnStartup.enabled (p. 238)	true	Enable deploying context on service startup. This requires context scaler to be enabled.

Component	Property	Default	Description
	fermi - redisInsecureSkipVerify.enabled (p. 238)	false	Skip certificate verification for connection to redis server using TLS.
	fermi - resolveRelativeDataPath.default (p. 239)	false	Default flag to resolve task run input, output data path (URI) to absolute path using data definition volume name.
	fermi - runGracefulCancellationTimeout (p. 239)	30	Period in seconds to wait for run cancellation to finish.
	fermi - runMaxRetries (p. 239)	3	Maximum number of run instance retries before worker reports failure.
	fermi - runTaskTimeout.default (p. 239)	172800	Default timeout period in seconds for task run instance to complete.
	fermi - runTimeout.default (p. 240)	3600	Default timeout period in seconds for root run instance to complete.
	fermi - runWorkspacePermission (p. 240)	457	Permission to use for creating run workspace.
	fermi - schedulerMessageBrokerPoolSize (p. 240)	150	Scheduler message broker pool size.
	fermi - workerLiveTTL (p. 241)	5	Period in seconds representing TTL between worker state updates.
	fermi - workerMessageBrokerPoolSize (p. 241)	3	Worker message broker pool size. Recommended value is 3.
files	files - Files service (p. 242)		The Files service is documented in SAS Viya Platform: Files Service.
	logging.level: com.sas.svcs.file (p. 307)	WARN	
	logging.level: org.apache.pdfbox (p. 308)	ERROR	
geoEnrichment	esri.client - geocodeBaseUri (p. 235)	https://geocode.arcgis.com	The arcgis geocode base url.
	esri.client - geoenrichBaseUri (p. 236)	https://geoenrich.arcgis.com	The arcgis geoenrich base url.

Component	Property	Default	Description
identities	identities - cache.cacheRefreshInterval (p. 246)	12h	The interval used to refresh the identities cache.
	identities - cache.enabled (p. 246)	true	Enables caching of identities information.
	identities - cache.providerPageLimit (p. 246)	1,000	The number of identities to process in a given request when loading the cache.
	identities - defaultProvider (p. 247)	local	The default identities provider.
	identities - endpoints.secured.groups (p. 247)	false	When enabled, limits non-administrative users' Read access for groups.
	identities - endpoints.secured.members (p. 247)	false	When enabled, limits non-administrative users' Read access for group members.
	identities - endpoints.secured.memberships (p. 248)	false	When enabled, limits non-administrative users' Read access for group and user memberships.
	identities - endpoints.secured.users (p. 248)	false	When enabled, limits non-administrative users' Read access for other users.
	identities - identifier.disableGids (p. 248)	false	When selected, disables the lookup and generation of GIDs for users and groups.
	identities - identifier.disallowedUids (p. 249)	1001	A comma delimited list of identifier uid values to disallow.
	identities - identifier.generateGids (p. 249)	false	When selected, generates GIDs for users and groups.
	identities - identifier.generateUids (p. 249)	true	When enabled, generates UIDs for users.
	identities - identifier.homeDirectoryPrefix (p. 250)	-	The path prefix used to determine the home directory of the identifier.
	identities.providers - ldap.enabled (p. 250)	true	Enables the LDAP identity provider.
	identities.providers - scim.enabled (p. 250)	true	Enables the SCIM identity provider.

Component	Property	Default	Description
	identities.providers - scim.FilterInactiveUsers (p. 251)	true	Enables filtering out of inactive users from the SCIM identity provider.
	identities.providers.ldap - followReferrals (p. 251)	false	Enables referrals to other servers or domains to be followed automatically.
	identities.providers.ldap - membershipCacheRefreshInterval (p. 252)	6h	The interval (in hours) used to refresh the membership cache for the LDAP provider.
	identities.providers.ldap - pagedResults (p. 252)	true	Enables pagination when the LDAP server processes requests.
	identities.providers.ldap - pageSize (p. 252)	500	The number of identity requests per page to be processed by the LDAP server (if pagination is enabled).
	identities.providers.ldap - primaryGroupMembershipsEnabled (p. 253)	false	Enables processing of primary group memberships (used only for posixGroup schema).
	identities.providers.ldap. connection - anonymousBind (p. 253)	false	Defines whether Read-Only operations are performed using an anonymous (unauthenticated) context.
	identities.providers.ldap. connection - host (p. 253)	ldap.fyi.sas.com	The host name of the LDAP server to connect to.
	identities.providers.ldap. connection - password (p. 254)	*****	The password for logging on to the LDAP server.
	identities.providers.ldap. connection - pool.enabled (p. 254)	true	Enables pooling of LDAP connections.
	identities.providers.ldap. connection - pool.evictionTimePeriodMillis (p. 254)	240,000	The time in milliseconds that the idle-object evictor sleeps between runs. If the value is non-positive, the idle object evictor does not run.
	identities.providers.ldap. connection - pool.idleTimeMillis (p. 255)	480,000	The minimum amount of time in milliseconds that objects can sit idle in the pool before becoming eligible for eviction by the idle-object evictor, if present.
	identities.providers.ldap. connection - pool.maxActive (p. 255)	8	The maximum number of active connections of a given type (either read-only or read-write) that can be allocated from the pool at the same time.

Component	Property	Default	Description
	identities.providers.ldap.connection - pool.maxIdle (p. 256)	8	The maximum number of active connections of a given type (either read-only or read-write) that can remain idle in the pool without extra connections being released.
	identities.providers.ldap.connection - pool.maxSize (p. 256)	-1	The maximum number of active connections of all types that can be allocated from the pool at the same time.
	identities.providers.ldap.connection - pool.maxWait (p. 257)	30,000	The maximum amount of time in milliseconds that the pool waits for a connection to be returned before throwing an exception.
	identities.providers.ldap.connection - pool.minIdle (p. 257)	0	The minimum number of active connections of a given type (either read-only or read-write) that can remain idle in the pool without extra connections being created.
	identities.providers.ldap.connection - pool.testOnBorrow (p. 258)	true	Enables validation of objects before they are borrowed from the pool.
	identities.providers.ldap.connection - pool.testOnReturn (p. 258)	false	Enables validation of objects before they are returned to the pool.
	identities.providers.ldap.connection - pool.testWhileIdle (p. 259)	true	Enables validation of objects by the idle-object evictor, if present. If an object fails validation, it is dropped from the pool.
	identities.providers.ldap.connection - pool.whenExhaustedAction (p. 259)	1	An integer that indicates the behavior when the pool is exhausted.
	identities.providers.ldap.connection - port (p. 260)	3,269	The port for connecting to LDAP.
	identities.providers.ldap.connection - startTLS.mode (p. 260)	none	If using StartTLS, what mode to enable.
	identities.providers.ldap.connection - url (p. 261)	(see details)	The URL for connecting to LDAP.
	identities.providers.ldap.connection - userDN (p. 261)	-	The distinguished name (DN) of the user account for logging on to the LDAP server.
	identities.providers.ldap.group - accountId (p. 261)	sAMAccountName	The field in the LDAP provider that is used to populate the group's ID.

Component	Property	Default	Description
	identities.providers.ldap.group - baseDN (p. 262)	(see details)	The point from which the LDAP server searches for groups.
	identities.providers.ldap.group - createdDate (p. 262)	whenCreated	The field in the LDAP provider that is used to populate the group's account created date.
	identities.providers.ldap.group - description (p. 263)	description	The field in the LDAP provider that is used to populate the group's description.
	identities.providers.ldap.group - distinguishedName (p. 263)	distinguishedName	The field in the LDAP provider that is used to populate the group's distinguished name value.
	identities.providers.ldap.group - members (p. 263)	member	The field in the LDAP provider that is used to populate the members of the group.
	identities.providers.ldap.group - memberOf (p. 264)	memberOf	The field in the LDAP provider that is used to populate the groups that this group is a member of.
	identities.providers.ldap.group - modifiedDate (p. 264)	whenChanged	The field in the LDAP provider that is used to populate the group's account last modified date.
	identities.providers.ldap.group - name (p. 264)	displayName	The field in the LDAP provider that is used to populate the group's name.
	identities.providers.ldap.group - objectClass (p. 265)	group	The object class value to use when loading groups.
	identities.providers.ldap.group - objectFilter (p. 265)	(see details)	The filter to use when searching groups.
	identities.providers.ldap.group - searchFilter (p. 265)	(see details)	The filter used for locating a group account in the LDAP provider.
	identities.providers.ldap.user - accountId (p. 266)	sAMAccountName	The field in the LDAP provider that is used to populate the user's ID.
	identities.providers.ldap.user - address.country (p. 266)	co	The field in the LDAP provider that is used to populate the user's country.
	identities.providers.ldap.user - address.locality (p. 266)		The field in the LDAP provider that is used to populate the user's city.
	identities.providers.ldap.user -	postalCode	The field in the LDAP provider that is used to populate the user's postal code.

Component	Property	Default	Description
	address.postalCode (p. 267)		
	identities.providers.ldap.user - address.region (p. 267)	region	The field in the LDAP provider that is used to populate the user's region or state.
	identities.providers.ldap.user - address.street (p. 267)	street	The field in the LDAP provider that is used to populate the user's street address.
	identities.providers.ldap.user - baseDN (p. 268)	DC=SAS,DC=com	The point from which the LDAP server searches for users.
	identities.providers.ldap.user - createdAt (p. 268)	whenCreated	The field in the LDAP provider that is used to populate the user's account created date.
	identities.providers.ldap.user - description (p. 268)	description	The field in the LDAP provider that is used to populate the user's description.
	identities.providers.ldap.user - distinguishedName (p. 269)	distinguishedName	The field in the LDAP provider that is used to populate the group's distinguished name value.
	identities.providers.ldap.user - emailAddress.other (p. 269)	otherMailbox	The field in the LDAP provider that is used to populate the user's alternate email address.
	identities.providers.ldap.user - emailAddress.sms (p. 269)	-	The field in the LDAP provider that is used to populate the user's SMS email address.
	identities.providers.ldap.user - emailAddress.work (p. 270)	mail	The field in the LDAP provider that is used to populate the user's work email address.
	identities.providers.ldap.user - externalId (p. 270)	-	The field in the LDAP provider that is used to populate the user's external Id.
	identities.providers.ldap.user - memberOf (p. 270)	memberOf	The field in the LDAP provider that is used to populate the groups that this user is a member of.
	identities.providers.ldap.user - modifiedDate (p. 271)	whenChanged	The field in the LDAP provider that is used to populate the user's account last modified date.
	identities.providers.ldap.user - name (p. 271)	displayName	The field in the LDAP provider that is used to populate the user's name.

Component	Property	Default	Description
	identities.providers.ldap.user - objectClass (p. 271)	organizationalPerson	The object class value to use when loading users.
	identities.providers.ldap.user - objectFilter (p. 272)	(see details)	The filter to use when searching users.
	identities.providers.ldap.user - phone.business (p. 272)	telephoneNumber	The field in the LDAP provider that is used to populate the user's work phone number.
	identities.providers.ldap.user - phone.businessFax (p. 272)	facsimileTelephoneNumber	The field in the LDAP provider that is used to populate the user's work fax number.
	identities.providers.ldap.user - phone.home (p. 273)	homePhone	The field in the LDAP provider that is used to populate the user's home phone number.
	identities.providers.ldap.user - phone.mobile (p. 273)	mobile	The field in the LDAP provider that is used to populate the user's mobile phone number.
	identities.providers.ldap.user - phone.pager (p. 274)	pager	The field in the LDAP provider that is used to populate the user's pager number.
	identities.providers.ldap.user - searchFilter (p. 274)	(see details)	The filter used for locating a user account in the LDAP provider so that the user can make a connection using an ID and password.
	identities.providers.ldap.user - title (p. 274)	title	The field in the LDAP provider that is used to populate the user's title.
import-data-loader	spring - profiles.active (p. 458)	(see details)	The comma-separated list of active profiles.
	import.data.general - jobExpiresAfter (p. 275)	7d	How long to retain 'Update CAS Import Data' jobs.
	import.data.general - queryPageSize (p. 275)	100	Page size when querying transfer service.
iotAnalysis	import.data.general - retention (p. 275)	7d	How long to retain import records
	aiot - caslib (p. 276)	QASmartStore	The default planning caslib
	aiot - casTableLifetime (p. 276)	2,592,000	Cas table lifetime value in seconds
	aiot - csvPageSize (p. 276)	10,000	Page size of the csv download from cas table.

Component	Property	Default	Description
	aiot - csvRows (p. 277)	5,000	Max rows to be fetched from cas table in each call
	aiot - jesPollInterval (p. 277)	5	PollInterval time in Seconds while getting job state from JES
	aiot - maxNoOfAnalysesToRun (p. 277)	25	Maximum number of analyses to run at the same time
	aiot - maxNoOfAnalysesToSave (p. 277)	25	Maximum number of analyses to save at the same time
	aiot - packagePath (p. 278)	-	Package path for migration
	aiot - queryOnlyCAS (p. 278)	true	Indicate to query to CAS in memory data only, if set to false then it will fetch data from part files
	aiot - server (p. 278)	cas-shared-default	Name of CAS server
	aiot - userCasLib (p. 279)	CASUSER	The user Specific caslib
	aiot.cls - listOfRestrictedColumns (p. 279)	-	Columns that are to be restricted for certain users.
	aiot.cls - listOfRestrictedUsers (p. 279)	-	Users who are restricted to certain columns.
	aiot.job - batchLogRetentionTime (p. 279)	21,600	Specify how long (in minutes) to retain the auto-update logs.
	aiot.job - emIssuesSubLogRetentionTime (p. 280)	21,600	Specify how long (in minutes) to retain the logs generated by alert groups of the type Emerging Issues.
	aiot.job - noOfAnalysesPerUserToRunInParallel (p. 280)	7	See details.
	aiot.job - noOfEmIssuesPerUserToRunInParallel (p. 280)	3	Specify the number of users whose analyses can run concurrently during auto-updates.
	aiot.job - noOfUsersToRunInParallel (p. 281)	3	Specify the number of users whose analyses can run concurrently during auto-updates.
iotAnalysisModels	aiot - caslib (p. 276)	QASmartStore	The default planning caslib

Component	Property	Default	Description
	aiot - casTableLifetime (p. 276)	2,592,000	Cas table lifetime value in seconds
	aiot - csvPageSize (p. 276)	10,000	Page size of the csv download from cas table.
	aiot - csvRows (p. 277)	5,000	Max rows to be fetched from cas table in each call
	aiot - jesPollInterval (p. 277)	5	PollInterval time in Seconds while getting job state from JES
	aiot - maxNoOfAnalysesToRun (p. 277)	25	Maximum number of analyses to run at the same time
	aiot - maxNoOfAnalysesToSave (p. 277)	25	Maximum number of analyses to save at the same time
	aiot - packagePath (p. 278)	-	Package path for migration
	aiot - queryOnlyCAS (p. 278)	true	Indicate to query to CAS in memory data only, if set to false then it will fetch data from part files
	aiot - server (p. 278)	cas-shared-default	Name of CAS server
	aiot - userCasLib (p. 279)	CASUSER	The user Specific caslib
	aiot.cls - listOfRestrictedColumns (p. 279)	-	Columns that are to be restricted for certain users.
	aiot.cls - listOfRestrictedUsers (p. 279)	-	Users who are restricted to certain columns.
	aiot.job - batchLogRetentionTime (p. 279)	21,600	Specify how long (in minutes) to retain the auto-update logs.
	aiot.job - emIssuesSubLogRetentionTime (p. 280)	21,600	Specify how long (in minutes) to retain the logs generated by alert groups of the type Emerging Issues.
	aiot.job - noOfAnalysesPerUserToRunInParallel (p. 280)	7	See details.
	aiot.job - noOfEmIssuesPerUserToRunInParallel (p. 280)	3	Specify the number of users whose analyses can run concurrently during auto-updates.

Component	Property	Default	Description
	aiot.job - noOfUsersToRunInParallel (p. 281)	3	Specify the number of users whose analyses can run concurrently during auto-updates.
jobExecutionService	job.execution - expiresAfter (p. 282)	-	After the completion of a job, the duration of time before a job is deleted.
launcher	launcher - (p. 284)		The Launcher Service is a SAS Viya microservice that provides API endpoints for running a process.
	launcher - allowlist.deny-on-empty (p. 285)	false	Flag to determine if empty allow lists are denied.
	launcher - context.process.limit.enabled (p. 285)	false	Flag to enable Launcher context process limit.
	launcher - fsgroup.enabled (p. 286)	true	Flag to determine if fsgroup and fsgroup policy will be enabled on launched pods.
	launcher - home.directory.force-lower-case (p. 286)	false	Flag to determine if user name is forced to lower case when constructing home directory path.
	launcher - job.activeDeadlineSeconds (p. 287)	(not set)	Specifies the duration the job may be active (seconds).
	launcher - job.name.prefix (p. 288)	sas-launcher-	Prefix for Kubernetes pods created by launcher.
	launcher - job.ttlSecondsAfterFinished (p. 288)	0	Time to live mechanism for Kubernetes Jobs after completion (seconds)
	launcher.default - cpu.limit (p. 289)	2	Default value for a CPU limit.
	launcher.default - cpu.request (p. 289)	50m	Default value for a CPU request.
	launcher.default - memory.limit (p. 290)	6Gi	Default value for a memory limit.
	launcher.default - memory.request (p. 290)	300M	Default value for a memory request
	launcher.max - cpu.limit (p. 291)	2	Max value for a CPU limit.
	launcher.max - cpu.request (p. 291)	100m	Max value for a CPU request.

Component	Property	Default	Description
	launcher.max - memory.limit (p. 292)	6Gi	Max value for a memory limit.
	launcher.max - memory.request (p. 292)	500M	Max value for a memory request.
	launcher.process - completed-ttl (p. 293)	43,200	Determines how long a process is allowed to persist after completion (seconds).
	launcher.process - reaper-enabled (p. 293)	true	Flag to enable the process reaper.
	launcher.process - reaper-initialDelay (p. 294)	300,000	Determines the initial delay in spinning up the process reaper (milliseconds).
	launcher.process - reaper-interval (p. 294)	3,600,000	Determines how often to check for completed processes (milliseconds).
	oauth2.client - accessTokenValidity (p. 295)	3600	The number of seconds that access tokens issued to the application are valid for.
	oauth2.client - loginHint (p. 295)	-	The origin of the external identity provider that should be used for login.
	oauth2.client - accessTokenValidity (p. 378)	3600	The number of seconds that access tokens issued to the application are valid for.
	oauth2.client - loginHint (p. 378)	-	The origin of the external identity provider that should be used for login.
	oauth2.client - refreshTokenValidity (p. 379)	1,209,600	The number of seconds that refresh tokens issued to the application are valid for.
listData	listdata.redis - (p. 296)		Using Redis for List Data. See Details
	listdata.redis - address (p. 297)	-	The URI for the Redis server that is used by this service.
	listdata.redis - cluster (p. 298)	false	An On and Off toggle to indicate whether the Redis instance is configured to use Redis Cluster.
	listdata.redis - db (p. 298)	0	The Redis database number to be used by this service.
	listdata.redis - server.FQDN (p. 299)	-	The value to verify the host name on the returned certificates.
	listdata.redis - useSSL (p. 299)	true	The value that specifies whether to use TLS for the Redis connection.

Component	Property	Default	Description
mail	mail - Mail service (p. 364)		The Mail service provides a client the ability to send email to a configured SMTP server using a REST API.
	mail - allowAllSenders (p. 365)	false	Override the restrictions on the 'from' mail address that is allowed to send mail.
	mail - defaultEncoding (p. 365)	UTF-8	The default encoding to use for mail when not otherwise specified.
	mail - fromAddress (p. 366)	noreplies@company.com	The 'from' mail address to use when mail is sent directly from a service.
	mail - fromPersonalName (p. 366)	Service	The default personal name to use when mail is sent directly from a service.
	mail - host (p. 366)	-	The mail server host.
	mail - multipleMail (p. 367)	false	Send separate mail for each mail type.
	mail - password (p. 367)	-	The optional password for connecting to the mail server.
	mail - port (p. 367)	25	The mail server port.
	mail - sizeLimit (p. 368)	20	The maximum size of mail sent to the configured mail server, in megabytes.
	mail - username (p. 368)	-	The optional user name for connecting to the mail server.
maps	management.health.mail - enabled (p. 368)	false	Enables a health check for the mail.
	maps - (p. 369)		The Maps Service retrieves geometry (such as region polygons, centroid coordinates, and polylines) for geographic maps.
	maps - maxResolution (p. 369)	156,543.0339	For OpenStreetMap server, the maximum resolution in meters per pixel of each map tile.
	maps - numResolutions (p. 370)	18	For OpenStreetMap server, the number of tile levels configured on the tile servers.
	maps - servers (p. 370)	-	For OpenStreetMap server, a comma-separated list of servers, with paths to tiles.
	maps - defaultOSMCommunicationProtocol (p. 371)	https	The protocol (HTTP, HTTPS) that is used for the default OpenStreetMap servers.

Component	Property	Default	Description
	maps - localEsriGeocodeServiceUrl (p. 371)	-	The URL for Esri ArcGIS portal Geocoding services.
	maps - localEsriGeoEnrichmentUrl (p. 372)	-	The URL for Esri ArcGIS portal GeoEnrichment services.
	maps - localEsriHomeUrl (p. 372)	-	The URL for the Esri ArcGIS portal.
	maps - localEsriRoutingUrl (p. 373)	-	The URL for Esri ArcGIS portal Routing services.
	maps - localEsriServicesRequiresAuthentication (p. 373)	false	Specifies whether the Esri ArcGIS portal requires an authentication token for access.
	maps - localEsriServicesSsoAppId (p. 373)	-	Specifies the App ID that is provided by the Esri ArcGIS portal when registering a SAS application for single sign-on.
	maps - localEsriServicesUrl (p. 374)	-	The URL for Esri ArcGIS portal services.
	maps - preferCrossDomainProxy (p. 374)	false	Automatically enables the use of the cross-domain proxy for many requests for the map service.
	maps - useArcGISOnlineMaps (p. 375)	true	Enable access to background maps from the Esri ArcGIS Online catalog.
microanalyticScore	microanalyticService.properties - (p. 375)		Micro Analytic Score service properties are documented in SAS Micro Analytic Service: Programming and Administration Guide.
	microanalyticService.system - (p. 375)		Micro Analytic Score service properties are documented in SAS Micro Analytic Service: Programming and Administration Guide.
migrationManager	migration manager - (p. 376)	-	The service that is used for SAS Migration Manager page in SAS Environment Manager.
Model Studio	commons.web.security - content-security-policy (p. 191)	(see details)	The string used for the Content-Security-Policy HTTP header.
	commons.web.security - content-security-policy-enabled (p. 195)	true	Sends the Content-Security-Policy header in HTTP responses to prevent injection attacks.

Component	Property	Default	Description
	commons.web.security - x-content-type-options (p. 195)	nosniff	The string used for the X-Content-Type-Options header for unsecured endpoints.
	commons.web.security - x-content-type-options-enabled (p. 196)	true	Sends the X-Content-Type-Options header in HTTP responses for unsecured endpoints.
	commons.web.security - x-xss-protection (p. 196)	1; mode=block	The string used for the X-XSS-Protection header for unsecured endpoints.
	commons.web.security - x-xss-protection-enabled (p. 197)	true	Sends the X-XSS-Protection header in HTTP responses for unsecured endpoints.
modelRepository	modelrepository - notificationExpires (p. 376)	60	Number of days for a notification to expire.
notifications	notifications - enabled (p. 376)	true	Enables opt-in notifications.
	notifications.delivery - mailEnabled (p. 377)	true	Enables opt-in delivery to the mail channel.
	notifications.purge - enabled (p. 377)	true	Enables purging of notification records.
	notifications.purge - purgeSchedule (p. 377)	0 0 * * *	The schedule that determines when a purge request is initiated. Specify the value using Cron standard syntax.
	notifications.purge - retention (p. 377)	30d	The retention period for persisting notification records in postgres.
planningEngineTransform	jvm - java_option_max_ram_percentage (p. 284)	(see details)	The maximum heap size of the Java application as a percentage of the total memory of a physical server or container
planningGrid	jvm - java_option_max_direct_mem (p. 283)	(see details)	The maximum heap size of the Java application as a percentage of the total memory of a physical server or container
	jvm - java_option_max_ram_percentage (p. 284)	(see details)	The maximum heap size of the Java application as a percentage of the total memory of a physical server or container
	planninggrid.images - numberOfImages (p. 379)	9999999	Maximum number of images, which should be displayed in webgrid
	planninggrid.images - path (p. 379)	(see details)	SAS content path where images are kept to display in webgrid

Component	Property	Default	Description
	spring - datasource.tomcat.maxActive (p. 457)	100	Spring Boot Property
	spring - datasource.tomcat.maxIdle (p. 457)	75	Spring Boot Property
	spring - datasource.tomcat.maxWait (p. 457)	30000	Spring Boot Property
planningProcess	jvm - java_option_max_ram_percentage (p. 284)	(see details)	The maximum heap size of the Java application as a percentage of the total memory of a physical server or container
	planningprocess.etl - threadCorePoolSize (p. 380)	10	value of thread core pool size
	planningprocess.etl - threadMaxPoolSize (p. 380)	50	maximum value of thread core pool size
	planningprocess.etl - threadQueueCapacity (p. 381)	100	maximum value of thread queue capacity
	planningprocess.resilience - circuitMinimumNumberOfCalls (p. 381)	5	The minimum number of calls which are required (per sliding window period) before the CircuitBreaker can calculate the error rate or slow call rate.
	planningprocess.resilience - circuitPermittedNumberOfCallsInHalfOpenState (p. 381)	3	The number of permitted calls when the CircuitBreaker is half open.
	planningprocess.resilience - circuitSlidingWindowSize (p. 382)	5	The size of the sliding window which is used to record the outcome of calls when the CircuitBreaker is closed.
	planningprocess.resilience - retryMaxAttempts (p. 382)	3	Number of times to retry attempt
	planningprocess.resilience - retryWaitDuration (p. 382)	5	Time in seconds to wait before next retry attempt.

Component	Property	Default	Description
	spring - datasource.tomcat.maxActive (p. 457)	100	Spring Boot Property
	spring - datasource.tomcat.maxIdle (p. 457)	75	Spring Boot Property
	spring - datasource.tomcat.maxWait (p. 457)	30000	Spring Boot Property
processFlow	spring - datasource.tomcat.maxActive (p. 457)	100	Spring Boot Property
	spring - datasource.tomcat.maxIdle (p. 457)	75	Spring Boot Property
	spring - datasource.tomcat.maxWait (p. 457)	30000	Spring Boot Property
referenceData	logging.level: com.sas.referencedata (p. 303)	INFO	
	referencedata - (p. 383)		Properties for Reference Data service. These are documented in the SAS Intelligent Decisioning Administration Guide.
	referencedata.casformats - (p. 383)		Properties for Reference Data service. These are documented in the SAS Intelligent Decisioning Administration Guide.
	referencedata.checkout - (p. 383)		Properties for Reference Data service. These are documented in the SAS Intelligent Decisioning Administration Guide.
	referencedata.publish - (p. 384)		Properties for Reference Data service. These are documented in the SAS Intelligent Decisioning Administration Guide.
reportAlerts	reportalerts.x - allowEvaluationAtStartup (p. 384)	true	Whether evaluation iteration should start immediately after startup of the service.
	reportalerts.x - disabled (p. 384)	false	Disable report alerting evaluation.
	reportalerts.x - disableDataChangeCheck (p. 385)	false	Disable checking if data has changed.

Component	Property	Default	Description
	reportalerts.x - email: defaultFromAddress (p. 385)	repliesdisabled@sas.com	Mail requires a from address, and it uses this address.
	reportalerts.x - email: defaultFromName (p. 385)	Report Alert Service	The display name of the sender of the output
	reportalerts.x - interval: evalIntervalMilliseconds (p. 386)	600000	The pause inserted between iterations of all alerts for evaluation.
	reportalerts.x - interval: maxEvalTimeMilliseconds (p. 386)	600000	Max allowed evaluation time.
	reportalerts.x - query: maxNumberOfSubscriptions (p. 386)	10	The max number of subscriptions to be returned for evaluation; these are the oldest since the last time they were queried.
	reportalerts.x - query: maxWaitToRunSynchronizedQueryMilliseconds (p. 387)	3,000	The max time to wait for running a single query while pausing all other threads.
	reportalerts.x - defaultEmailNotificationInterval (p. 387)	60	The set of user-added, advanced properties.
	reportalerts.x - defaultNotificationInterval (p. 387)	60	The set of user-added, advanced properties.
	reportalerts.x - defaultNotificationIntervalUnit (p. 387)	minutes	The set of user-added, advanced properties.
	reportalerts.x - maxRetriesFailedEvaluations (p. 388)	25	The set of user-added, advanced properties.
	reportalerts.x - useDebugEmailTemplate (p. 388)	false	The set of user-added, advanced properties.
	reportalerts.x - threadPool: maxSize (p. 388)	20	The pool max size of thread pool.
	reportalerts.x - threadPool: queueSize (p. 389)	50	The size of queue of thread pool.

Component	Property	Default	Description
reportData	logging.level: com.sas.bicommon.exporth.office (p. 302)	INFO	
	logging.level: com.sas.bidata (p. 302)	INFO	
	logging.level: com.sas.bireport (p. 302)	INFO	
	logging.level: com.sas.cas (p. 302)	INFO	
	logging.level: com.sas.reportcache (p. 304)	INFO	
	logging.level: com.sas.reportcommon (p. 304)	INFO	
	logging.level: com.sas.reportcommon.uitls.debug.Time (p. 304)	INFO	
	logging.level: com.sas.reportdata (p. 304)	INFO	
	logging.level: com.sas.reportexecution (p. 305)	INFO	
	logging.level: com.sas.reportpackages (p. 305)	INFO	
	reportdata.properties - comparisonEpsilon (p. 389)	1e-12	A number in E notation that specifies the variability allowed when floating point numbers are compared for equality.
	reportdata.properties - decisionTreePredictorCardinalityLimit (p. 389)	10,240	The maximum cardinality of independent variables for a decision tree.
	reportdata.properties - decisionTreeResponseCardinalityLimit (p. 390)	100,000	The maximum cardinality of dependent variables for a decision tree.
	reportdata.properties - defaultInteractiveDrillDepth (p. 390)	3	The number of interactive drill levels included in the offline data for report viewers.

Component	Property	Default	Description
	reportdata.properties - defaultMaxCellsProduced (p. 390)	250,000	The maximum number of data cells delivered to report viewers for each query result.
	reportdata.properties - enableResultCache (p. 391)	true	Enable report result caching.
	reportdata.properties - exportExcelColumnLimit (p. 391)	16,384	The maximum number of columns for export files that are formatted for Microsoft Excel.
	reportdata.properties - exportExcelRowLimit (p. 391)	100,000	The maximum number of rows for export files that are formatted for Microsoft Excel.
	reportdata.properties - exportTSVandCSVColumnLimit (p. 391)	16,384	The maximum number of columns for tab- and comma-separated export files.
	reportdata.properties - exportTSVandCSVRowLimit (p. 392)	100,000	The maximum number of rows for tab- and comma-separated export files.
	reportdata.properties - ignoreMissingValuesInCountDistinct (p. 392)	false	Ignore missing values when calculating distinct counts.
	reportdata.properties - maxTiesToIncludeOnRank (p. 392)	100	The maximum number of ties allowed for a rank.
	reportdata.properties - modelingClassCardinalityLimit (p. 393)	2,048	The maximum number of class values allowed to run on fit models.
	reportdata.properties - modelingGroupByCardinalityLimit (p. 393)	1,024	The maximum number of group by values allowed to run on fit models.
	reportdata.properties - socketTimeoutLiveCancellableMillis (p. 393)	900,000	The number of milliseconds allowed for executing live, cancelable data queries.
	reportdata.properties - socketTimeoutLiveNonCancellableMillis (p. 394)	900,000	The number of milliseconds allowed for executing live, non-cancelable data queries.
	reportdata.properties - socketTimeoutSubscribeMillis (p. 394)	900,000	The number of milliseconds allowed for executing subscribe data queries.
	reportdata.properties - maxRowsLookup.bubble (p. 394)	25,000	The maximum number of result rows for a bubble plot.

Component	Property	Default	Description
	reportdata.properties - maxRowsLookup.button Bar (p. 395)	100	The maximum number of result rows for a button bar control.
	reportdata.properties - maxRowsLookup.crossTab (p. 395)	40,000	The maximum number of result rows for a crosstab.
	reportdata.properties - maxRowsLookup.custom Content (p. 395)	40,000	The maximum number of result rows for a data-driven content object.
	reportdata.properties - maxRowsLookup.dropdown (p. 395)	500	The maximum number of result rows for a drop-down control.
	reportdata.properties - maxRowsLookup.dualAxisTimeSeries (p. 396)	10,000	The maximum number of result rows for a dual-axis time series plot.
	reportdata.properties - maxRowsLookup.geoBubble (p. 396)	25,000	The maximum number of result rows for a geo bubble map.
	reportdata.properties - maxRowsLookup.geoContour (p. 396)	40,000	The maximum number of result rows for a geo contour map.
	reportdata.properties - maxRowsLookup.geoHeatmap (p. 397)	25,000	The maximum number of result rows for a geo heat map.
	reportdata.properties - maxRowsLookup.geoLine (p. 397)	10,000	The maximum number of result rows in a geo line map.
	reportdata.properties - maxRowsLookup.geoPie (p. 397)	25,000	The maximum number of result rows for a geo pie map.
	reportdata.properties - maxRowsLookup.geoRegion (p. 398)	5,000	The maximum number of result rows for a geo region map.
	reportdata.properties - maxRowsLookup.geoScatter (p. 398)	40,000	The maximum number of result rows for a geo scatter map.
	reportdata.properties - maxRowsLookup.graphDefault (p. 398)	3,000	The maximum number of result rows for a default graph object.
	reportdata.properties - maxRowsLookup.heatmap (p. 399)	800	The maximum number of result rows for a box plot object.

Component	Property	Default	Description
	reportdata.properties - maxRowsLookup.heatmap (p. 399)	3,000	The maximum number of result rows for a heat map object.
	reportdata.properties - maxRowsLookup.keyValue (p. 399)	100	The maximum number of result rows for a key value object.
	reportdata.properties - maxRowsLookup.kpi (p. 399)	10	The maximum number of result rows for a key performance indicator (KPI) visual.
	reportdata.properties - maxRowsLookup.list (p. 400)	50,000	The maximum number of result rows for a list control.
	reportdata.properties - maxRowsLookup.listTable (p. 400)	40,000	The maximum number of result rows for a list table.
	reportdata.properties - maxRowsLookup.scatter (p. 400)	40,000	The maximum number of result rows for a scatter plot.
	reportdata.properties - maxRowsLookup.textInput (p. 401)	40,000	The maximum number of result rows for a text input control.
	reportdata.properties - maxRowsLookup.timeSeries (p. 401)	10,000	The maximum number of result rows for a time series plot.
	reportdata.properties - maxRowsLookup.treeMap (p. 401)	1,500	The maximum number of result rows for a treemap.
	reportdata.properties - maxRowsLookup.wordCloud (p. 402)	100	The maximum number of result rows for a word cloud.
	reportdata.system - executorExpirationIntervalMinutes (p. 402)	30	The number of minutes lapsed before inactive data executor sessions are closed if they have no active queries.
	reportdata.system - executorForceExpirationIntervalMinutes (p. 402)	120	The number of minutes lapsed before inactive data executor sessions are forced to close even if they have active queries.
	reportdata.system - minTimeSensitivityForCaching (p. 403)	MINUTE	The minimum time sensitivity of queries for caching. Results that are valid for equal to or longer than the selected value are cached.
	reportdata.system - packageResultFileTimeInCacheSeconds (p. 403)	3,600	The number of seconds allowed for a client to retrieve package result data files before they are removed from the cache.

Component	Property	Default	Description
	reportdata.system - resultCacheErrorExpirationSeconds (p. 403)	30	The number of seconds lapsed before the error cases for a report result are removed from the cache.
	reportdata.system - resultCacheTimeToLiveSeconds (p. 404)	36,000	The number of seconds lapsed before a report result is removed from the cache.
	reportdata.system - tempCacheTimeInCacheSeconds (p. 404)	1,800	The number of seconds allowed for a client to retrieve temporary result data files before the files are removed from the cache.
	reportdata.system - xmlParserPoolSize (p. 404)	50	The number of XML parsers to be instantiated during application start-up.
reportDistribution	reportdistribution - debugPrintReportPackage (p. 405)	false	Advanced property for controlling report processing and printing.
	reportdistribution - forceSynchronousRendering (p. 405)	false	Advanced property for controlling report processing and printing.
	reportdistribution - heartBeatInterval (p. 406)	10	Advanced property for controlling report processing and printing.
	reportdistribution - maximumEmailsPerJob (p. 406)	500	Advanced property for controlling report processing and printing.
	reportdistribution - maximumRenderingsPerJob (p. 407)	500	Advanced property for controlling report processing and printing.
	reportdistribution - maximumRenderJobWaitTimeSeconds (p. 407)	900	Advanced property for controlling report processing and printing.
	reportdistribution.mail - defaultFromAddress (p. 408)	replies-disabled@sas.com	Mail requires a from address, and it uses this address.
reportImages	reportdistribution.mail - defaultFromName (p. 408)	(see details)	The display name of the sender of the distribution output.
	reportimages.config - localeSensitiveThumbnails (p. 409)	false	Specifies whether image thumbnails are locale-sensitive.
	reportimages.config - perUserJobLimit (p. 409)	20	The maximum number of running report images jobs an individual user can have.

Component	Property	Default	Description
	reportimages.config - reportSummaryFallbackToTextTemplate (p. 409)	false	Set to 'true' to enable legacy Report Summary technique.
reportPackages	logging.level: com.sas.bicommon.export.office (p. 302)	INFO	
	logging.level: com.sas.bidata (p. 302)	INFO	
	logging.level: com.sas.bireport (p. 302)	INFO	
	logging.level: com.sas.cas (p. 302)	INFO	
	logging.level: com.sas.reportcache (p. 304)	INFO	
	logging.level: com.sas.reportcommon (p. 304)	INFO	
	logging.level: com.sas.reportcommon.uitls.debug.Time (p. 304)	INFO	
	logging.level: com.sas.reportdata (p. 304)	INFO	
	logging.level: com.sas.reportexecution (p. 305)	INFO	
	logging.level: com.sas.reportpackages (p. 305)	INFO	
	maps - (p. 369)		The Maps Service retrieves geometry (such as region polygons, centroid coordinates, and polylines) for geographic maps.
	maps - maxResolution (p. 369)	156,543.0339	For OpenStreetMap server, the maximum resolution in meters per pixel of each map tile.
	maps - numResolutions (p. 370)	18	For OpenStreetMap server, the number of tile levels configured on the tile servers.
	maps - servers (p. 370)	-	For OpenStreetMap server, a comma-separated list of servers, with paths to tiles.

Component	Property	Default	Description
	maps - defaultOSMCommunicationProtocol (p. 371)	https	The protocol (HTTP, HTTPS) that is used for the default OpenStreetMap servers.
	maps - localEsriGeocodeServiceUrl (p. 371)	-	The URL for Esri ArcGIS portal Geocoding services.
	maps - localEsriGeoEnrichmentUrl (p. 372)	-	The URL for Esri ArcGIS portal GeoEnrichment services.
	maps - localEsriHomeUrl (p. 372)	-	The URL for the Esri ArcGIS portal.
	maps - localEsriRoutingUrl (p. 373)	-	The URL for Esri ArcGIS portal Routing services.
	maps - localEsriServicesRequiresAuthentication (p. 373)	false	Specifies whether the Esri ArcGIS portal requires an authentication token for access.
	maps - localEsriServicesSsoAppId (p. 373)	-	Specifies the App ID that is provided by the Esri ArcGIS portal when registering a SAS application for single sign-on.
	maps - localEsriServicesUrl (p. 374)	-	The URL for Esri ArcGIS portal services.
	maps - preferCrossDomainProxy (p. 374)	false	Automatically enables the use of the cross-domain proxy for many requests for the map service.
	maps - useArcGISOnlineMaps (p. 375)	true	Enable access to background maps from the Esri ArcGIS Online catalog.
	reportpackages.export - dataJobTimeoutSeconds Offline (p. 410)	3,600	The number of seconds allowed for executing an export job.
	reportpackages.export - interactiveDataLimitMultiplier (p. 410)	2	The multiplication factor that is applied to the standard data limits for interactive data queries.
	reportpackages.export - offlineDataQueryLimit (p. 410)	20,000	The maximum number of queries allowed per object while the service collects all of the interactive data for an exported report package.
	reportpackages.export - offlineDataSizeLimitBytes (p. 411)	10,000,000	The maximum size of a query result data file for an exported report package.

Component	Property	Default	Description
	reportpackages.properties - imageDefaultMaxBytes (p. 411)	307,200	The maximum number of bytes for an image.
	reportpackages.properties - subscribeConcurrentRequestLimit (p. 411)	5	The maximum number of report packages that can be generated concurrently per user.
	reportpackages.properties - subscribeConcurrentRequestLimitGuest (p. 412)	10	The maximum number of report packages that can be generated concurrently for the Guest user.
	reportpackages.system - backgroundThreadMonitorSecs (p. 412)	0	The frequency, in seconds, at which the background thread monitor runs.
	reportpackages.system - packageExpirationTime (p. 412)	7,200	The amount of time, in seconds, after which the report package expires from the cache.
	reportpackages.system - useProxyServiceForExternalImages (p. 413)	false	Enable the Cross Domain Proxy service to retrieve the external images in the report.
	reportpackages.system - xmlParserPoolSize (p. 413)	50	The number of XML parsers to be instantiated during application start-up.
reportPersistence	logging.level: com.sas.report.persistence (p. 306)	INFO	
	logging.level: com.sas.service.common (p. 306)	INFO	
reportRenderer	reportrender.properties - footerContentFormatted (p. 413)	-	The HTML formatted footer to be included on each PDF rendered page.
	reportrender.properties - forcePDFAccessibleTags (p. 414)	false	Force all generated PDF files to include accessibility information (tagged PDF).
	reportrender.properties - timeoutMillis (p. 414)	300,000	The number of milliseconds that elapse before the rendering process times out.
	reportrender.properties - webContentRendererLink (p. 415)	-	The URL to a service that provides images for printing of web content.

Component	Property	Default	Description
	reportrenderer.system - cacheDuration (p. 416)	300	The number of seconds allowed before rendered reports are deleted from the cache.
	reportrenderer.system - workingDirectory (p. 416)	-	Override the working directory that is used for building rendered reports.
reportsPersistence	reports.config - maxFileSize (p. 416)	10000000	Used to safeguard the system from running out of resources due to saving very large report.
reportTemplates	logging.level: com.sas.report.service.commons (p. 305)	INFO	
	logging.level: com.sas.report.templates (p. 305)	INFO	
reportTransforms	reporttransforms - maxFileSize (p. 416)	10000000	Used to safeguard the system from running out of resources due to saving very large report.
retailPricing	retailpricing - casServerLibName (p. 417)	PUBLIC	CAS server library name
	retailpricing - casServerName (p. 417)	cas-shared-default	CAS server name
	retailpricing - computeServerContextName (p. 417)	(see details)	Compute context name for submitting compute requests
	retailpricing - computeServerPollSleepInterval (p. 418)	10,000	Poll sleep interval for compute server.
	retailpricing - computeServerThreadCorePoolSize (p. 418)	5	Pool size
	retailpricing - computeServerThreadMaxPoolSize (p. 418)	10	Max pool size
	retailpricing - grantAllWritePermission (p. 419)	10,800,00	Job time out period in milliseconds
riskCirrusCore	riskcirruscore - computeContextName (p. 432)	(see details)	Specifies Compute context name to be used by Risk Cirrus Core service.

Component	Property	Default	Description
riskCirrusObjects	riskcirruscore - computeSessionInactiveTimeout (p. 433)	120	Specifies the Compute session inactive timeout value in seconds for jobs submitted by Core.
	riskcirruscore - requireACL (p. 433)	false	When on Linux Access Control Lists(ACLs) will be used to set permission on AnalysisRun directories.
	event - eventConsumerThreadPoolSize (p. 241)	(see details)	Event consumer threads.
	cirrus.attachment - sizeLimit (p. 419)	104,857,600	The maximum size in bytes of attachments that can be added to the system.
	cirrus.attachment - tempCleanupInitDelay (p. 419)	60,000	The time in milliseconds after start up that the first temporary attachment check will begin.
	cirrus.attachment - tempCleanupPeriod (p. 419)	300,000	The period in milliseconds between automatic checks for expired temporary attachments.
	cirrus.attachment - tempExpiry (p. 420)	3,600,000	The maximum time in milliseconds that a temporary attachment can exist in the system until it will expire and become eligible for automatic deletion.
	cirrus.attachment - type.exclusion (p. 420)	(see details)	A comma-separated list of attachment types to disallow in the system.
	cirrus.attachment - type.inclusion (p. 420)	(not set)	A comma-separated list of attachment types to allow in the system.
	cirrus.attachment - userLimit (p. 421)	1,073,741,824	A comma-separated list of attachment types to allow in the system.
	cirrus.cds - tomcat.max-active (p. 421)	50	The maximum number of active connections that can be allocated.
	cirrus.cds - tomcat.max-idle (p. 421)	10	The maximum number of connections that should be kept in the pool at all times.
	cirrus.cds - tomcat.max-wait (p. 422)	1,000	The maximum number of milliseconds that the pool will wait for a connection to be returned before throwing an exception.
	cirrus.cds - tomcat.remove-abandoned-timeout (p. 422)	120	Timeout in seconds before an abandoned (in use) connection can be removed.
	cirrus.dataload - updateCount (p. 422)	500	The frequency at which the data load job updates its status in the database, specified as the number of records between updates.

Component	Property	Default	Description
	<code>cirrus.executors - asyncWeb.corePoolSize</code> (p. 423)	5	The core thread pool size for asynchronous web execution. Value must be less than or equal to max pool size.
	<code>cirrus.executors - asyncWeb.maxPoolSize</code> (p. 423)	10	The maximum thread pool size for asynchronous web execution.
	<code>cirrus.executors - asyncWeb.queueCapacity</code> (p. 423)	25	The queue capacity for communicating with integration APIs.
	<code>cirrus.executors - backgroundJobs.corePoolSize</code> (p. 423)	5	The core thread pool size for background job execution. Value must be less than or equal to max pool size.
	<code>cirrus.executors - backgroundJobs.maxPoolSize</code> (p. 424)	5	The maximum thread pool size for background job execution.
	<code>cirrus.executors - backgroundJobs.queueCapacity</code> (p. 424)	25	The queue capacity for background job execution.
	<code>cirrus.executors - indexing.corePoolSize</code> (p. 424)	1	The core thread pool size for search indexing. Value must be less than or equal to max pool size.
	<code>cirrus.executors - indexing.maxPoolSize</code> (p. 425)	1	The maximum thread pool size for search indexing.
	<code>cirrus.executors - indexing.queueCapacity</code> (p. 425)	25,000	The queue capacity for search indexing.
	<code>cirrus.executors - integrations.corePoolSize</code> (p. 425)	10	The core thread pool size for communicating with integration APIs. Value must be less than or equal to max pool size.
	<code>cirrus.executors - integrations.maxPoolSize</code> (p. 425)	20	The maximum thread pool size for communicating with integration APIs.
	<code>cirrus.executors - integrations.queueCapacity</code> (p. 426)	5,000	The queue capacity for asynchronous web execution.
	<code>cirrus.export.attachments - dataLimit</code> (p. 426)	10MB	The maximum amount of data which may be exported. The supported units are B, KB, MB, GB, and TB.
	<code>cirrus.export.attachments - objectLimit</code> (p. 426)	10	The maximum number of objects for which attachments may be exported.

Component	Property	Default	Description
	cirrus.jobs - abandonedJobsCleanupDelay (p. 427)	60,000	The time in milliseconds after start up that the first scan for abandoned jobs will begin.
	cirrus.jobs - abandonedJobsCleanupPeriod (p. 427)	300,000	The period in milliseconds between automatic scans for abandoned jobs.
	cirrus.reporting - cacheMagnitude (p. 427)	4	The maximum number of cache entries allowed in orders of magnitude such that the cache size is 10^M where M is the value of this property.
	cirrus.reporting - cacheTTI (p. 427)	1m	The expiration time in of cache entries since last entry read - time to idle. Values under 1m, denoting one minute, will be considered invalid and default to one minute.
	cirrus.reporting - changeReasonWeight (p. 428)	10	The fraction of the cache allocated to extracted change reason data.
	cirrus.reporting - corePoolSize (p. 428)	5	The core thread pool size for reporting job execution.
	cirrus.reporting - loadFactor: (p. 428)	0.5	The weight of an extraction page on the loading capacity of an extraction job
	cirrus.reporting - maximumDuration (p. 429)	15m	The maximum amount of time an extraction can run.
	cirrus.reporting - maxPoolSize (p. 429)	10	The maximum thread pool size for reporting job execution.
	cirrus.reporting - pageSize (p. 429)	250	The number of records to extract at a time during an extraction job.
	cirrus.reporting - pointWeight (p. 430)	75	The fraction of the cache allocated to classification point data.
	cirrus.reporting - queueCapacity (p. 430)	25	The queue capacity for reporting registration extractions.
	cirrus.reporting - sourceSystemWeight (p. 430)	15	The fraction of the cache allocated to extracted source system data.
	cirrus.search.index.attachment - sizeLimit (p. 431)	104,857,600	The maximum size in bytes of attachments that can be indexed.
	cirrus.search.index.attachment - type.exclusion (p. 431)	(see details)	A comma-separated list of attachment types to disallow indexing in the system.

Component	Property	Default	Description
	<code>cirrus.search.index.attachment - type.inclusion</code> (p. 431)	(not set)	A comma-separated list of attachment types to allow indexing in the system.
	<code>cirrus.security - adminGroupIds</code> (p. 432)	CirrusAdmins	A comma-separated list of groups that are Cirrus administrators.
	<code>cirrus.security - systemGroupIds</code> (p. 432)	SASAdministrators	A comma-separated list of groups that are Viya system administrators.
riskData	<code>riskdata - computeContextName</code> (p. 433)	(see details)	Specifies Compute context to be used by Risk Data Service. Changing this would require service restart.
	<code>riskdata - exportCASDataTableOptions</code> (p. 434)	(see details)	Optional parameters for tuning export of large data sets to CAS.
	<code>riskdata - maximumUploadSize</code> (p. 434)	100,000,000	Specifies the maximum amount of data that can be uploaded to the service in one request.
riskModelingCore	<code>logging.level: com.sas.cs</code> (p. 303)	INFO	
riskPipeline	<code>logging.level: com.sas.authorization</code> (p. 301)	INFO	
	<code>logging.level: com.sas.logging.stacktrace</code> (p. 303)	TRACE	
	<code>logging.level: com.sas.risk</code> (p. 306)	INFO	
	<code>logging.level: org.springframework.boot</code> (p. 310)	WARN	
	<code>logging.level: org.springframework.jdbc.core</code> (p. 311)	WARN	
	<code>logging.level: org.springframework.web.client</code> (p. 311)	WARN	
	<code>oauth2.client - accessTokenValidity</code> (p. 378)	3600	The number of seconds that access tokens issued to the application are valid for.
	<code>oauth2.client - loginHint</code> (p. 378)	-	The origin of the external identity provider that should be used for login.

Component	Property	Default	Description
	oauth2.client - refreshTokenValidity (p. 379)	1,209,600	The number of seconds that refresh tokens issued to the application are valid for.
SAS Alerts	commons.web.security - content-security-policy (p. 191)	(see details)	The string used for the Content-Security-Policy HTTP header.
	commons.web.security - content-security-policy-enabled (p. 195)	true	Sends the Content-Security-Policy header in HTTP responses to prevent injection attacks.
	commons.web.security - x-content-type-options (p. 195)	nosniff	The string used for the X-Content-Type-Options header for unsecured endpoints.
	commons.web.security - x-content-type-options-enabled (p. 196)	true	Sends the X-Content-Type-Options header in HTTP responses for unsecured endpoints.
	commons.web.security - x-xss-protection (p. 196)	1; mode=block	The string used for the X-XSS-Protection header for unsecured endpoints.
	commons.web.security - x-xss-protection-enabled (p. 197)	true	Sends the X-XSS-Protection header in HTTP responses for unsecured endpoints.
SAS Data Explorer	dataexplorer - casSessionImportNumNodes (p. 223)	0	The number of nodes on which to start up CAS sessions when running import jobs (0 is all nodes).
	data explorer - casSessionInteractiveNumNodes (p. 223)	20	The number of nodes on which to start up CAS sessions used for browsing data sources (0 is all nodes).
	dataexplorer - filterAvailableTab (p. 224)	false	Specifies whether the display of available caslibs should include only loaded tables from the default caslib.
	dataexplorer - filterAvailableTabByCaslibList (p. 224)	false	Specifies whether the filter that is specified in the filterAvailableTabCaslibList property is in effect.
	dataexplorer - filterAvailableTabCaslibList (p. 224)	-	Specifies which caslibs are included in the display of available caslibs when the filterAvailableTabByCaslibList property is set to true.
	dataexplorer - job-execution-provider (p. 225)	-	Configurable values for the SAS Data Explorer job execution provider job.
	dataexplorer - heartbeatInterval (p. 225)	300	The heartbeat value (in seconds) to use with jobs executed by this service.

Component	Property	Default	Description
	dataexplorer - scheduledJobExpiresAfter (p. 226)	-	The amount of time after a scheduled job completion before the job execution service deletes the job.
	dataexplorer - maxImageResolution (p. 226)	16000000	Maximum image resolution (in pixels) allowed for uploaded images.
	dataexplorer - maxImportQueueSize (p. 226)	100	The maximum number of items that can be submitted in a single import.
	dataexplorer - maxTablePageSize (p. 227)	10,000	The maximum number of loaded or unloaded tables per caslib to return to the application.
	dataexplorer - useBatchedQueryForAvailableTab (p. 227)	true	Specifies whether SAS Data Explorer should use a single batched query instead of multiple parallel queries to populate the Available tab.
	datamanagement - columnMetadataLimit (p. 229)	4,100	The maximum number of columns that are rendered in the application interface.
SAS Data Governance	data.governance.search.properties - (p. 229)		The SAS Data Governance service contains general administrative properties for SAS Data Governance.
SAS Detection Definition	commons.web.security - content-security-policy (p. 191)	(see details)	The string used for the Content-Security-Policy HTTP header.
	commons.web.security - content-security-policy-enabled (p. 195)	true	Sends the Content-Security-Policy header in HTTP responses to prevent injection attacks.
	commons.web.security - x-content-type-options (p. 195)	nosniff	The string used for the X-Content-Type-Options header for unsecured endpoints.
	commons.web.security - x-content-type-options-enabled (p. 196)	true	Sends the X-Content-Type-Options header in HTTP responses for unsecured endpoints.
	commons.web.security - x-xss-protection (p. 196)	1; mode=block	The string used for the X-XSS-Protection header for unsecured endpoints.
	commons.web.security - x-xss-protection-enabled (p. 197)	true	Sends the X-XSS-Protection header in HTTP responses for unsecured endpoints.
SAS Drive	commons.web.security - content-security-policy (p. 191)	(see details)	The string used for the Content-Security-Policy HTTP header.

Component	Property	Default	Description
	commons.web.security - content-security-policy-enabled (p. 195)	true	Sends the Content-Security-Policy header in HTTP responses to prevent injection attacks.
	commons.web.security - x-content-type-options (p. 195)	nosniff	The string used for the X-Content-Type-Options header for unsecured endpoints.
	commons.web.security - x-content-type-options-enabled (p. 196)	true	Sends the X-Content-Type-Options header in HTTP responses for unsecured endpoints.
	commons.web.security - x-xss-protection (p. 196)	1; mode=block	The string used for the X-XSS-Protection header for unsecured endpoints.
	commons.web.security - x-xss-protection-enabled (p. 197)	true	Sends the X-XSS-Protection header in HTTP responses for unsecured endpoints.
SAS Environment Manager	commons.web.security - content-security-policy (p. 191)	(see details)	The string used for the Content-Security-Policy HTTP header.
	commons.web.security - content-security-policy-enabled (p. 195)	true	Sends the Content-Security-Policy header in HTTP responses to prevent injection attacks.
	commons.web.security - x-content-type-options (p. 195)	nosniff	The string used for the X-Content-Type-Options header for unsecured endpoints.
	commons.web.security - x-content-type-options-enabled (p. 196)	true	Sends the X-Content-Type-Options header in HTTP responses for unsecured endpoints.
	commons.web.security - x-xss-protection (p. 196)	1; mode=block	The string used for the X-XSS-Protection header for unsecured endpoints.
	commons.web.security - x-xss-protection-enabled (p. 197)	true	Sends the X-XSS-Protection header in HTTP responses for unsecured endpoints.
	environmentmanager - logsPageAppURL (p. 436)	-	The full URL for the logs application.
SAS Financial Management	environmentmanager - metricsAppURL (p. 437)	-	The full URL for the metrics application.
	commons.web.security - content-security-policy (p. 191)	(see details)	The string used for the Content-Security-Policy HTTP header.

Component	Property	Default	Description
	commons.web.security - content-security-policy-enabled (p. 195)	true	Sends the Content-Security-Policy header in HTTP responses to prevent injection attacks.
	commons.web.security - x-content-type-options (p. 195)	nosniff	The string used for the X-Content-Type-Options header for unsecured endpoints.
	commons.web.security - x-content-type-options-enabled (p. 196)	true	Sends the X-Content-Type-Options header in HTTP responses for unsecured endpoints.
	commons.web.security - x-xss-protection (p. 196)	1; mode=block	The string used for the X-XSS-Protection header for unsecured endpoints.
	commons.web.security - x-xss-protection-enabled (p. 197)	true	Sends the X-XSS-Protection header in HTTP responses for unsecured endpoints.
SAS Health	commons.web.security - content-security-policy (p. 191)	(see details)	The string used for the Content-Security-Policy HTTP header.
	commons.web.security - content-security-policy-enabled (p. 195)	true	Sends the Content-Security-Policy header in HTTP responses to prevent injection attacks.
	commons.web.security - x-content-type-options (p. 195)	nosniff	The string used for the X-Content-Type-Options header for unsecured endpoints.
	commons.web.security - x-content-type-options-enabled (p. 196)	true	Sends the X-Content-Type-Options header in HTTP responses for unsecured endpoints.
	commons.web.security - x-xss-protection (p. 196)	1; mode=block	The string used for the X-XSS-Protection header for unsecured endpoints.
	commons.web.security - x-xss-protection-enabled (p. 197)	true	Sends the X-XSS-Protection header in HTTP responses for unsecured endpoints.
SAS Health Add-in Manager	healthaddinmgrservice.administrators - administrators (p. 437)	SASAdminis trators, sasapp	The comma-separated list of groups that are administrators for SAS Health: Add-in Manager.
SAS Health Cohort Builder	commons.web.security - content-security-policy (p. 191)	(see details)	The string used for the Content-Security-Policy HTTP header.
	commons.web.security - content-security-policy-enabled (p. 195)	true	Sends the Content-Security-Policy header in HTTP responses to prevent injection attacks.

Component	Property	Default	Description
	commons.web.security - x-content-type-options (p. 195)	nosniff	The string used for the X-Content-Type-Options header for unsecured endpoints.
	commons.web.security - x-content-type-options-enabled (p. 196)	true	Sends the X-Content-Type-Options header in HTTP responses for unsecured endpoints.
	commons.web.security - x-xss-protection (p. 196)	1; mode=block	The string used for the X-XSS-Protection header for unsecured endpoints.
	commons.web.security - x-xss-protection-enabled (p. 197)	true	Sends the X-XSS-Protection header in HTTP responses for unsecured endpoints.
SAS Health Cohort Builder Service	healthcohort - healthLanguage.server (p. 437)	(see details)	URL of the Health Language Server used to search for health care codes.
	healthcohort - healthLanguage.token (p. 438)	(see details)	Health Language authorization token.
SAS Intelligent Decisioning	commons.web.security - content-security-policy (p. 191)	(see details)	The string used for the Content-Security-Policy HTTP header.
	commons.web.security - content-security-policy-enabled (p. 195)	true	Sends the Content-Security-Policy header in HTTP responses to prevent injection attacks.
	commons.web.security - x-content-type-options (p. 195)	nosniff	The string used for the X-Content-Type-Options header for unsecured endpoints.
	commons.web.security - x-content-type-options-enabled (p. 196)	true	Sends the X-Content-Type-Options header in HTTP responses for unsecured endpoints.
	commons.web.security - x-xss-protection (p. 196)	1; mode=block	The string used for the X-XSS-Protection header for unsecured endpoints.
	commons.web.security - x-xss-protection-enabled (p. 197)	true	Sends the X-XSS-Protection header in HTTP responses for unsecured endpoints.
	intelligent.decisioning - (p. 438)		SAS Data Intelligent Decisioning service contains general administrative properties that are listed in SAS Intelligent Decisioning: Administrator's Guide.
SAS Intelligent Planning	commons.web.security - content-security-policy (p. 191)	(see details)	The string used for the Content-Security-Policy HTTP header.

Component	Property	Default	Description
	commons.web.security - content-security-policy-enabled (p. 195)	true	Sends the Content-Security-Policy header in HTTP responses to prevent injection attacks.
	commons.web.security - x-content-type-options (p. 195)	nosniff	The string used for the X-Content-Type-Options header for unsecured endpoints.
	commons.web.security - x-content-type-options-enabled (p. 196)	true	Sends the X-Content-Type-Options header in HTTP responses for unsecured endpoints.
	commons.web.security - x-xss-protection (p. 196)	1; mode=block	The string used for the X-XSS-Protection header for unsecured endpoints.
	commons.web.security - x-xss-protection-enabled (p. 197)	true	Sends the X-XSS-Protection header in HTTP responses for unsecured endpoints.
SAS Intelligent Pricing	commons.web.security - content-security-policy (p. 191)	(see details)	The string used for the Content-Security-Policy HTTP header.
	commons.web.security - content-security-policy-enabled (p. 195)	true	Sends the Content-Security-Policy header in HTTP responses to prevent injection attacks.
	commons.web.security - x-content-type-options (p. 195)	nosniff	The string used for the X-Content-Type-Options header for unsecured endpoints.
	commons.web.security - x-content-type-options-enabled (p. 196)	true	Sends the X-Content-Type-Options header in HTTP responses for unsecured endpoints.
	commons.web.security - x-xss-protection (p. 196)	1; mode=block	The string used for the X-XSS-Protection header for unsecured endpoints.
	commons.web.security - x-xss-protection-enabled (p. 197)	true	Sends the X-XSS-Protection header in HTTP responses for unsecured endpoints.
SAS Logon Manager	commons.web.security - content-security-policy (p. 191)	(see details)	The string used for the Content-Security-Policy HTTP header.
	commons.web.security - content-security-policy-enabled (p. 195)	true	Sends the Content-Security-Policy header in HTTP responses to prevent injection attacks.
	commons.web.security - x-content-type-options (p. 195)	nosniff	The string used for the X-Content-Type-Options header for unsecured endpoints.

Component	Property	Default	Description
	commons.web.security - x-content-type-options-enabled (p. 196)	true	Sends the X-Content-Type-Options header in HTTP responses for unsecured endpoints.
	commons.web.security - x-xss-protection (p. 196)	1; mode=block	The string used for the X-XSS-Protection header for unsecured endpoints.
	commons.web.security - x-xss-protection-enabled (p. 197)	true	Sends the X-XSS-Protection header in HTTP responses for unsecured endpoints.
	logon.callback - allowed.uris (p. 312)	-	Specifies a customized allowlist of additional trusted URIs.
	logon.custom - login (p. 312)	-	The URI of the custom content that is included on the Sign In to SAS page.
	logon.custom - logout (p. 313)	-	The URI of the custom content that is included on the Sign In to SAS page when users sign out of the system.
	logon.custom - timedout (p. 313)	-	The URI of the custom content included on the time-out page.
	logon.groups - approvalExpirySeconds (p. 313)	-	When approving or denying access to a third-party application, specifies the number of seconds that the approval or denial should be remembered.
	logon.groups - externalIdentity (p. 314)	-	Populates a claim in tokens with a site-specific identifier to be used with row-level security and SUB::SAS.ExternalIdentity.
	logon.groups - groupLookupRequired (p. 314)	true	Require groups to be determined for authentication to succeed.
	logon.initial - passwordResetLifetime (p. 314)	86,400,000	The number of milliseconds for which that the password reset code is valid after restart.
	logon.initial - redirectUri (p. 315)	(see details)	The URI to which the initial user should be redirected after resetting the password.
	logon.initial - reset.enabled (p. 315)	-	Displays a password reset link for the initial user account at start-up.
	logon.initial - user (p. 316)	sasboot	The user name for the initial user account.
	logon.jasig.cas - autolink (p. 316)	-	Automatically open the link to thiscentral authentication server provider when the login page is displayed.
	logon.jasig.cas - casServerUrl (p. 316)	-	The URL for the central authentication server provider.

Component	Property	Default	Description
	logon.jasig.cas - enabled (p. 317)	false	Enable sign-ins using a Java in Administration Special Interest Group (Jasig) central authentication server (CAS).
	logon.jasig.cas - keepalive.enabled (p. 317)	false	Keep the central authentication server session active by obtaining proxy tickets.
	logon.jasig.cas - keepalive.proxyTicketUrl (p. 318)	-	The URL to obtain proxy tickets for keepalive purposes.
	logon.jasig.cas - linkText (p. 318)	-	The hyperlink to display on the sign-in page.
	logon.jasig.cas - sasLogonUrl (p. 319)	-	The URL of the SAS Logon Manager.
	logon.jasig.cas - service.artifactParameter (p. 319)	ticket	The request parameter to look for when attempting to see whether a ticket was sent from the server.
	logon.jasig.cas - service.authenticateAllArtifacts (p. 320)	false	Process all tickets, including proxy tickets.
	logon.jasig.cas - service.sendRenew (p. 320)	false	Force the server to authenticate the user again, even if the user has previously authenticated.
	logon.jasig.cas - service.serviceParameter (p. 321)	service	The request parameter to send the server for this service.
	logon.jasig.cas - showLinkText (p. 321)	true	Show the link text on the sign-in page.
	logon.jasig.cas - single.signOn.enabled (p. 322)	false	Enable single sign-on.
	logon.jasig.cas - single.signOut.enabled (p. 322)	false	Local sign-out should sign user out of the central authentication server also.
	logon.jasig.cas - single.signOut.logoutParameterName (p. 323)	logoutRequest	The parameter name that identifies a back channel single logoff request from the central authentication server.
	logon.jasig.cas - service.validate.encoding (p. 323)	UTF-8	Encoding of the ticket validation response from the server.
	logon.jasig.cas - validate.renew (p. 324)	false	Determine whether the ticket validation request should include a renew.

Component	Property	Default	Description
	logon.jwt - issuer.uri (p. 324)	(see details)	The URI of the application, for the issuer claim in tokens
	logon.jwt - policy.accessTokenValiditySeconds (p. 325)	3,600	The default number of seconds that access tokens are valid for after being issued in the default zone.
	logon.jwt - policy.global.accessTokenValiditySeconds (p. 326)	3,600	The default number of seconds that access tokens are valid for after being issued in all zones.
	logon.jwt - policy.global.refreshTokenValiditySeconds (p. 326)	1,209,600 (14 days)	The default number of seconds that refresh tokens are valid for after being issued in all zones.
	logon.jwt - policy.refreshTokenValiditySeconds (p. 327)	1,209,600 (14 days)	The default number of seconds that refresh tokens are valid for after being issued in the default zone.
	logon.jwt - refresh.restrictGrant (p. 327)	false	This parameter is no longer used.
	logon.jwt - signingCert (p. 328)	-	See details.
	logon.jwt - signingKey (p. 329)	-	See details.
	logon.kerberos - debug (p. 329)	false	Enables the debug mode of the JAAS Kerberos login module.
	logon.kerberos - disableDelegationWarning (p. 330)	false	Disables the warning message that is displayed to users when Kerberos credential delegation is not properly configured.
	logon.kerberos - holdOnToGSSContext (p. 330)	false	Enables Kerberos delegation to SAS Cloud Analytic Services.
	logon.kerberos - impersonate (p. 331)	false	Impersonate user credentials using Microsoft S4USELF extension to Kerberos for outgoing connections.
	logon.kerberos - keyTabLocation (p. 331)	-	The URL of the keytab file.
	logon.kerberos - servicePrincipal (p. 332)	-	The name of the service principal in the keytab.
	logon.kerberos - spn (p. 333)	-	The HTTP service principal name (SPN), if different from the principal name in the keytab.

Component	Property	Default	Description
	logon.kerberos - stripRealmForGss (p. 333)	true	When enabled, strips the realm (@...) from the user name.
	logon.oauth.providers - additionalAuthzParameters (p. 334)	-	Additional parameters to send to the provider for the authorization code flow.
	logon.oauth.providers - addShadowUserOnLogin (p. 334)	true	Add a local shadow user upon successful authentication.
	logon.oauth.providers - attributeMappings.external_groups (p. 335)	-	The attribute claim to use for group memberships.
	logon.oauth.providers - attributeMappings.user_name (p. 336)	email	The attribute claim to use as the user name.
	logon.oauth.providers - authDomain (p. 336)	-	The URL to the authorization endpoint.
	logon.oauth.providers - cacheJwks (p. 337)	true	Cache the remote JSON web key (JWK) set used to validate ID tokens.
	logon.oauth.providers - clientAuthInBody (p. 337)	false	Include the client credentials in the request body.
	logon.oauth.providers - discoveryUrl (p. 338)	-	The URL used to discover the provider and obtain information needed to interact with it.
	logon.oauth.providers - emailDomain (p. 338)	-	The comma-delimited list of possible email address domains of users that can sign on with this provider.
	logon.oauth.providers - groupMappingMode (p. 339)	AS_SCOPE S	See details.
	logon.oauth.providers - issuer (p. 340)	-	The principal that issued the token, as a case-sensitive string or URI.
	logon.oauth.providers - jwtclientAuthentication (p. 340)	false	Use OIDC private key JSON web tokens (JWTs) for client authentication.
	logon.oauth.providers - linkText (p. 341)	-	The text that should be displayed on the sign-in page for this provider.
	logon.oauth.providers - logoutUrl (p. 341)	-	The URL to which SAS Viya should perform a redirect to request that the End-User be logged out at the provider.

Component	Property	Default	Description
	logon.oauth.providers - name (p. 342)	-	A unique name for this identity provider.
	logon.oauth.providers - omitIdTokenHintOnLogout (p. 342)	false	Omit ID token hint parameter on logout request sent to the identity provider.
	logon.oauth.providers - passwordGrantEnabled (p. 343)	false	Enable the Resource Owner Password Grant flow for this identity provider.
	logon.oauth.providers - performRpInitiatedLogout (p. 343)	false	Initiate a log out from the provider when users sign-out of a SAS Viya session.
	logon.oauth.providers - relyingPartyId (p. 344)	-	The client ID registered in the provider.
	logon.oauth.providers - relyingPartySecret (p. 345)	-	The secret registered in the provider for the client ID.
	logon.oauth.providers - responseType (p. 345)	code	The expected response type, typically 'code'.
	logon.oauth.providers - scopes (p. 346)	openid	The comma-delimited list of scopes for the authorization request.
	logon.oauth.providers - showLinkText (p. 346)	true	Shows the link text on the sign-in page.
	logon.oauth.providers - tokenKey (p. 347)	-	The key that is used to verify token signatures.
	logon.oauth.providers - tokenKeyUrl (p. 347)	-	The public key that is used to sign tokens that are either directly entered into SAS Environment Manager or provided at the given URL.
	logon.oauth.providers - tokenUrl (p. 348)	-	The endpoint on the OIDC provider where tokens are issued.
	logon.provider.guest-enabled (p. 348)	false	Enable anonymous guest access to web applications.
	logon.saml - deprecated (p. 349)	-	Please use sas.logon.saml.sp instead.
	logon.saml.providers - addShadowUserOnLogin (p. 349)	true	Add a local shadow user upon successful authentication.
	logon.saml.providers - assertionConsumerIndex (p. 350)	0	The index of the assertion consumer service to use from identity provider metadata.

Component	Property	Default	Description
	logon.saml.providers - attributeMappings.external_groups (p. 350)	-	The attribute claim to use for group memberships.
	logon.saml.providers - authnContext (p. 351)	-	The comma-delimited list of authentication contexts to include in SAML requests to the identity provider.
	logon.saml.providers - emailDomain (p. 351)	-	The comma-delimited list of possible email address domains of users that can sign on with this provider.
	logon.saml.providers - groupMappingMode (p. 352)	AS_SCOPE S	Specifies how external groups are mapped when a value for attributeMappings.external_groups is provided.
	logon.saml.providers - idpMetadata (p. 352)	-	The identity provider metadata or the URL to the metadata.
	logon.saml.providers - linkText (p. 353)	-	The hyperlink to display on the sign-in page.
	logon.saml.providers - metadataTrustCheck (p. 353)	true	The identity provider certificate must be trusted.
	logon.saml.providers - name (p. 353)	-	A unique name for this identity provider.
	logon.saml.providers - nameID (p. 354)	(see details)	The default name ID format.
	logon.saml.providers - showSamlLoginLink (p. 354)	true	Display a link to the identity provider on the sign-in page.
	logon.saml.providers - skipSslValidation (p. 355)	false	Skip TLS validation of the certificate.
	logon.saml.sp - entityID (p. 355)	-	The unique ID that represents the service provider that is included in protocol messages between relying parties
	logon.saml.sp - entityIDAlias (p. 356)	-	The alias for the entity ID to use in the various SAML URLs such as the AssertionConsumerService URL.
	logon.saml.sp - maxAuthenticationAge (p. 356)	864,000	The maximum time in seconds between users' initial authentication with the IDP and processing of an authentication statement.
	logon.saml.sp - signatureAlgorithm (p. 357)	SHA256	The algorithm for SAML signatures. Accepts SHA1, SHA256, and SHA512.

Component	Property	Default	Description
	logon.saml.sp - signMetaData (p. 357)	true	The local service provider should sign metadata.
	logon.saml.sp - signRequest (p. 358)	true	The local service provider should sign SAML requests.
	logon.saml.sp - wantAssertionSigned (p. 358)	true	The assertions must be signed.
	logon.sas9 - autoLink (p. 359)	false	Automatically open the link to SAS®9 when the login page is displayed.
	logon.sas9 - enabled (p. 359)	false	Enable sign-ins using SAS®9 credentials.
	logon.sas9 - linkText (p. 359)	-	The hyperlink to display on the sign-in page.
	logon.sas9 - sas9LogonUrl (p. 360)	-	The URL of the SAS®9 Logon Manager.
	logon.sas9 - showLinkText (p. 360)	true	Show the link text on the sign-in page.
	logon.sas9 - single.signOn.enabled (p. 361)	false	Redirect to SAS®9 for single sign-on.
	logon.sas9 - single.signOut.enabled (p. 361)	false	Local sign-out should sign user out of SAS®9 also.
	logon.sas9 - viyaLogonUrl (p. 361)	-	The URL of the SAS Viya Logon Manager.
	logon.sessions - maxConcurrentPrivilegedSessions (p. 362)	-2	The maximum number of allowed concurrent sessions for privileged users.
	logon.sessions - maxConcurrentSessions (p. 362)	-1	The maximum number of allowed concurrent sessions.
	logon.sessions - rejectNewSessionsIfMaxExceeded (p. 363)	false	Rejects new SAS Logon sessions if the maximum number of sessions is exceeded.
	logon.zone - defaultIdentityProvider (p. 364)	-	Name of the identity provider to automatically redirect logins to.
	logon.zone - idpDiscovery.enabled (p. 364)	false	Specify whether to match email domains in order to redirect logins to the appropriate external identity provider.

Component	Property	Default	Description
SAS Mobile Investigator	commons.web.security - content-security-policy (p. 191)	(see details)	The string used for the Content-Security-Policy HTTP header.
	commons.web.security - content-security-policy-enabled (p. 195)	true	Sends the Content-Security-Policy header in HTTP responses to prevent injection attacks.
	commons.web.security - x-content-type-options (p. 195)	nosniff	The string used for the X-Content-Type-Options header for unsecured endpoints.
	commons.web.security - x-content-type-options-enabled (p. 196)	true	Sends the X-Content-Type-Options header in HTTP responses for unsecured endpoints.
	commons.web.security - x-xss-protection (p. 196)	1; mode=block	The string used for the X-XSS-Protection header for unsecured endpoints.
	commons.web.security - x-xss-protection-enabled (p. 197)	true	Sends the X-XSS-Protection header in HTTP responses for unsecured endpoints.
SAS Model Manager	commons.web.security - content-security-policy (p. 191)	(see details)	The string used for the Content-Security-Policy HTTP header.
	commons.web.security - content-security-policy-enabled (p. 195)	true	Sends the Content-Security-Policy header in HTTP responses to prevent injection attacks.
	commons.web.security - x-content-type-options (p. 195)	nosniff	The string used for the X-Content-Type-Options header for unsecured endpoints.
	commons.web.security - x-content-type-options-enabled (p. 196)	true	Sends the X-Content-Type-Options header in HTTP responses for unsecured endpoints.
	commons.web.security - x-xss-protection (p. 196)	1; mode=block	The string used for the X-XSS-Protection header for unsecured endpoints.
	commons.web.security - x-xss-protection-enabled (p. 197)	true	Sends the X-XSS-Protection header in HTTP responses for unsecured endpoints.
SAS Risk Cirrus	commons.web.security - content-security-policy (p. 191)	(see details)	The string used for the Content-Security-Policy HTTP header.
	commons.web.security - content-security-policy-enabled (p. 195)	true	Sends the Content-Security-Policy header in HTTP responses to prevent injection attacks.

Component	Property	Default	Description
	commons.web.security - x-content-type-options (p. 195)	nosniff	The string used for the X-Content-Type-Options header for unsecured endpoints.
	commons.web.security - x-content-type-options-enabled (p. 196)	true	Sends the X-Content-Type-Options header in HTTP responses for unsecured endpoints.
	commons.web.security - x-xss-protection (p. 196)	1; mode=block	The string used for the X-XSS-Protection header for unsecured endpoints.
	commons.web.security - x-xss-protection-enabled (p. 197)	true	Sends the X-XSS-Protection header in HTTP responses for unsecured endpoints.
SAS Risk Engine	commons.web.security - content-security-policy (p. 191)	(see details)	The string used for the Content-Security-Policy HTTP header.
	commons.web.security - content-security-policy-enabled (p. 195)	true	Sends the Content-Security-Policy header in HTTP responses to prevent injection attacks.
	commons.web.security - x-content-type-options (p. 195)	nosniff	The string used for the X-Content-Type-Options header for unsecured endpoints.
	commons.web.security - x-content-type-options-enabled (p. 196)	true	Sends the X-Content-Type-Options header in HTTP responses for unsecured endpoints.
	commons.web.security - x-xss-protection (p. 196)	1; mode=block	The string used for the X-XSS-Protection header for unsecured endpoints.
	commons.web.security - x-xss-protection-enabled (p. 197)	true	Sends the X-XSS-Protection header in HTTP responses for unsecured endpoints.
SAS Size Optimization	commons.web.security - content-security-policy (p. 191)	(see details)	The string used for the Content-Security-Policy HTTP header.
	commons.web.security - content-security-policy-enabled (p. 195)	true	Sends the Content-Security-Policy header in HTTP responses to prevent injection attacks.
	commons.web.security - x-content-type-options (p. 195)	nosniff	The string used for the X-Content-Type-Options header for unsecured endpoints.
	commons.web.security - x-content-type-options-enabled (p. 196)	true	Sends the X-Content-Type-Options header in HTTP responses for unsecured endpoints.

Component	Property	Default	Description
	commons.web.security - x-xss-protection (p. 196)	1; mode=block	The string used for the X-XSS-Protection header for unsecured endpoints.
	commons.web.security - x-xss-protection-enabled (p. 197)	true	Sends the X-XSS-Protection header in HTTP responses for unsecured endpoints.
SAS Visual Investigator	commons.web.security - content-security-policy (p. 191)	(see details)	The string used for the Content-Security-Policy HTTP header.
	commons.web.security - content-security-policy-enabled (p. 195)	true	Sends the Content-Security-Policy header in HTTP responses to prevent injection attacks.
	commons.web.security - x-content-type-options (p. 195)	nosniff	The string used for the X-Content-Type-Options header for unsecured endpoints.
	commons.web.security - x-content-type-options-enabled (p. 196)	true	Sends the X-Content-Type-Options header in HTTP responses for unsecured endpoints.
	commons.web.security - x-xss-protection (p. 196)	1; mode=block	The string used for the X-XSS-Protection header for unsecured endpoints.
	commons.web.security - x-xss-protection-enabled (p. 197)	true	Sends the X-XSS-Protection header in HTTP responses for unsecured endpoints.
	SAS Visual Investigator (p. 472)		SAS Visual Investigator enables users to manage the end-to-end life cycle of an investigation.
SAS Workflow Manager	commons.web.security - content-security-policy (p. 191)	(see details)	The string used for the Content-Security-Policy HTTP header.
	commons.web.security - content-security-policy-enabled (p. 195)	true	Sends the Content-Security-Policy header in HTTP responses to prevent injection attacks.
	commons.web.security - x-content-type-options (p. 195)	nosniff	The string used for the X-Content-Type-Options header for unsecured endpoints.
	commons.web.security - x-content-type-options-enabled (p. 196)	true	Sends the X-Content-Type-Options header in HTTP responses for unsecured endpoints.
	commons.web.security - x-xss-protection (p. 196)	1; mode=block	The string used for the X-XSS-Protection header for unsecured endpoints.
	commons.web.security - x-xss-protection-enabled (p. 197)	true	Sends the X-XSS-Protection header in HTTP responses for unsecured endpoints.

Component	Property	Default	Description
SASAnalyticsForIoT	commons.web.security - content-security-policy (p. 191)	(see details)	The string used for the Content-Security-Policy HTTP header.
	commons.web.security - content-security-policy-enabled (p. 195)	true	Sends the Content-Security-Policy header in HTTP responses to prevent injection attacks.
	commons.web.security - x-content-type-options (p. 195)	nosniff	The string used for the X-Content-Type-Options header for unsecured endpoints.
	commons.web.security - x-content-type-options-enabled (p. 196)	true	Sends the X-Content-Type-Options header in HTTP responses for unsecured endpoints.
	commons.web.security - x-xss-protection (p. 196)	1; mode=block	The string used for the X-XSS-Protection header for unsecured endpoints.
	commons.web.security - x-xss-protection-enabled (p. 197)	true	Sends the X-XSS-Protection header in HTTP responses for unsecured endpoints.
SASDataAIStudio	studio (p. 458)		The sas.studio configuration instance is applied to SAS Data and AI Studio Redirect service and Data and AI Studio service.
	studio - abandonedSessionTimeout (p. 459)	5	When the server has not heard from the browser in the specified number of minutes, the session is timed out.
	studio - allowCopyPasteData (p. 459)	true	Allows users to copy and paste from the table viewer.
	studio - allowDownload (p. 460)	true	Allows users to download data.
	studio - allowExport (p. 460)	true	Allows administrators to restrict users from exporting data.
	studio - allowGit (p. 461)	true	Allows users to use Git functionality.
	studio - allowGitKerberosAuthentication (p. 461)	false	Enables users to create Git Kerberos profiles.
	studio - allowGitPassword (p. 461)	false	Enables users to create Git profiles that require a password for HTTPS authentication.
	studio - allowGitSSHPassword (p. 462)	false	Enables users to create Git profiles with password protected SSH authentication.

Component	Property	Default	Description
	studio - allowGitSSLCertFilepath (p. 462)	false	Enables users to create Git HTTPS profiles with a specified TLS Certification.
	studio - allowPrintData (p. 462)	true	Allows users to print from the table viewer.
	studio - allowUpload (p. 463)	true	Allows users to upload data.
	studio - defaultTextEncoding (p. 463)	UTF-8	Specifies the encoding applied to SAS and text files.
	studio - enableAllFeatureFlags (p. 464)	false	Allows administrators to enable all features under a feature flag.
	studio - enableAutoCompleteLibraries (p. 464)	true	Allows administrators to control autocompletion of libraries when editing code.
	studio - enableAutoCompleteTables (p. 464)	true	Allows administrators to control autocompletion of tables when editing code.
	studio - fileNavigationCustomRootPath (p. 465)	-	Specifies custom path where file navigation starts.
	studio - fileNavigationRoot (p. 465)	USER	Specifies where file navigation starts.
	studio - flowColumnLimit (p. 465)	10,000	Specifies the maximum number of columns retrieved for a table node in a flow
	studio - globalShortcuts (p. 466)	-	Specifies global shortcuts to display in the UI.
	studio - longPollingHoldTimeSeconds (p. 466)	30	Specifies the maximum number of seconds to wait for a message from the client.
	studio - maxGitFileSize (p. 466)	30,000,000	Specifies the maximum size (bytes) allowed for Git files.
	studio - maxUploadSize (p. 467)	104,857,600	Specifies the maximum size (bytes) allowed for uploading a file.
	studio - pwaSessionTimeout (p. 467)	-	When PWA-enabled application has not registered user activity in the specified duration, the session is timed out.

Component	Property	Default	Description
	studio - serverDisplayName (p. 467)	-	Specifies an alternate display name for the server instead of using the host name.
	studio - showServerFiles (p. 468)	false	Allows administrators to show or hide the local file system.
	studio - validMemName (p. 468)	EXTEND	Specifies the rules for naming SAS data sets, SAS data views, and item stores.
	studio - validVarName (p. 468)	ANY	Controls the type of SAS variable names that can be used or created during a SAS session.
SASInformationCatalog	information.catalog - disable.autostart.tour (p. 281)	false	Set to true to disable autostart of application Tour on first launch.
	information.catalog - search.index.filter.datasets (p. 281)	false	Set to true to include only the datasets index for search.
SASJobExecution	commons.web.security - content-security-policy (p. 191)	(see details)	The string used for the Content-Security-Policy HTTP header.
	commons.web.security - content-security-policy-enabled (p. 195)	true	Sends the Content-Security-Policy header in HTTP responses to prevent injection attacks.
	commons.web.security - x-content-type-options (p. 195)	nosniff	The string used for the X-Content-Type-Options header for unsecured endpoints.
	commons.web.security - x-content-type-options-enabled (p. 196)	true	Sends the X-Content-Type-Options header in HTTP responses for unsecured endpoints.
	commons.web.security - x-xss-protection (p. 196)	1; mode=block	The string used for the X-XSS-Protection header for unsecured endpoints.
	commons.web.security - x-xss-protection-enabled (p. 197)	true	Sends the X-XSS-Protection header in HTTP responses for unsecured endpoints.
	jobexecapp (p. 439)	(see details)	These configuration properties control the default behavior of the SAS Job Execution Web Application.
SASJobFlowScheduling	file.polling.interval (p. 439)	30s	The polling interval checks the status of the file used in a file-event trigger.
SASRiskKRM	commons.web.security - content-security-policy (p. 191)	(see details)	The string used for the Content-Security-Policy HTTP header.

Component	Property	Default	Description
	commons.web.security - content-security-policy-enabled (p. 195)	true	Sends the Content-Security-Policy header in HTTP responses to prevent injection attacks.
	commons.web.security - x-content-type-options (p. 195)	nosniff	The string used for the X-Content-Type-Options header for unsecured endpoints.
	commons.web.security - x-content-type-options-enabled (p. 196)	true	Sends the X-Content-Type-Options header in HTTP responses for unsecured endpoints.
	commons.web.security - x-xss-protection (p. 196)	1; mode=block	The string used for the X-XSS-Protection header for unsecured endpoints.
	commons.web.security - x-xss-protection-enabled (p. 197)	true	Sends the X-XSS-Protection header in HTTP responses for unsecured endpoints.
SASThemeDesigner	commons.web.security - content-security-policy (p. 191)	(see details)	The string used for the Content-Security-Policy HTTP header.
	commons.web.security - content-security-policy-enabled (p. 195)	true	Sends the Content-Security-Policy header in HTTP responses to prevent injection attacks.
	commons.web.security - x-content-type-options (p. 195)	nosniff	The string used for the X-Content-Type-Options header for unsecured endpoints.
	commons.web.security - x-content-type-options-enabled (p. 196)	true	Sends the X-Content-Type-Options header in HTTP responses for unsecured endpoints.
	commons.web.security - x-xss-protection (p. 196)	1; mode=block	The string used for the X-XSS-Protection header for unsecured endpoints.
	commons.web.security - x-xss-protection-enabled (p. 197)	true	Sends the X-XSS-Protection header in HTTP responses for unsecured endpoints.
SASVisualAnalytics	commons.web.security - content-security-policy (p. 191)	(see details)	The string used for the Content-Security-Policy HTTP header.
	commons.web.security - content-security-policy-enabled (p. 195)	true	Sends the Content-Security-Policy header in HTTP responses to prevent injection attacks.
	commons.web.security - x-content-type-options (p. 195)	nosniff	The string used for the X-Content-Type-Options header for unsecured endpoints.

Component	Property	Default	Description
	commons.web.security - x-content-type-options-enabled (p. 196)	true	Sends the X-Content-Type-Options header in HTTP responses for unsecured endpoints.
	commons.web.security - x-xss-protection (p. 196)	1; mode=block	The string used for the X-XSS-Protection header for unsecured endpoints.
	commons.web.security - x-xss-protection-enabled (p. 197)	true	Sends the X-XSS-Protection header in HTTP responses for unsecured endpoints.
	visualanalytics - azureADApplicationClientID (p. 470)		The application client ID of the app registration that is created in the Azure Active Directory for SAS Visual Analytics integration with Microsoft services.
	visualanalytics - azureADTenantID (p. 470)		The directory tenant ID of the customer organization in the Azure Active Directory, which is used for SAS Visual Analytics integration with Microsoft services.
	visualanalytics - backgroundQueries (p. 470)	0	The extent to which background queries are used when loading reports.
	visualanalytics - disableAutomaticOutlierDetection (p. 471)	false	Specifies that the Data pane does not calculate which data items have possible outlier values.
	visualanalytics - iframeSandbox (p. 471)	(see details)	The value of the sandbox attribute for an IFrame element that is used by the web content and data-driven content objects.
SASWorkflow Manager	visualanalytics - relatedMeasuresLimit (p. 472)	150	The related measures query are not run for data sources that have a measure count that exceeds this limit.
	workflow - administratorGroup (p. 477)	-	The name of the Workflow Administrator group.
scheduler	commons.rest.jpa.expiration - batchSize (p. 440)	50	The number of records to retrieve as a group when checking for expired records.
	commons.rest.jpa.expiration - enabled (p. 440)	true	Turn expiration of scheduler history on or off.
	commons.rest.jpa.expiration - reaperInterval (p. 440)	1d	The interval of time to check for expired records - (m)inutes, (h)ours, (d)ays.
	commons.rest.jpa.expiration - retention (p. 441)	30d	The period of time to keep records.

Component	Property	Default	Description
	scheduler - acquireTriggersWithinLock (p. 441)	false	Provide additional locking when assigning jobs to clustered schedulers.
	scheduler - allowAbsoluteJobURIs (p. 441)	false	Allow the scheduler to run external URIs.
	scheduler - dstEnabled (p. 442)	false	Allow Daylight Savings Time functionality in the scheduler.
	scheduler - jobTimeOut (p. 442)	30	The maximum time a scheduled job is allowed.
	scheduler - misfireThreshold (p. 442)	60,000	The maximum time a scheduled job is allowed to miss its scheduled execution time before being skipped.
	scheduler - threadPoolMax (p. 442)	100	The maximum number of threads allocated to the scheduler thread pool.
	scheduler - threadPoolQueue (p. 443)	25	The number of jobs queued up waiting for available threads used by the scheduler thread pool.
	scheduler - threadPoolSize (p. 443)	5	The initial number of threads used by the scheduler thread pool.
	scheduler - timeZone (p. 443)	-	The default timeZone used by the scheduler.
scoreExecution	scoreexecution - (p. 444)		Score Execution service properties are documented in SAS Intelligent Decisioning: Administrator's Guide.
searchIndex	searchindex - annotationIndexingEnabled (p. 444)	false	Flag to Indicate whether annotations object indexing is currently enabled.
	searchindex - casExceptionTimeInterval (p. 444)	6	Interval in hours for delay in displaying detail description in log.
	searchindex - casRecordPushSize (p. 445)	300	Number of records to be pushed to CAS for indexing in one go.
	searchindex - indexingDelay (p. 445)	15	Interval in minutes to push the first feed when the service is running.
	searchindex - maxAssociatedDataLimitPerRecord (p. 445)	200	Number of associated data per records to be pushed to CAS for indexing.

Component	Property	Default	Description
	searchindex - newTypeIndexingExceptionInterval (p. 446)	12	Interval in hours for delay in displaying detail description in log if error occurs for new type full feed.
	searchindex - newTypeIndexingInterval (p. 446)	20	Interval in minutes to detect any new indexable type and index the same.
	searchindex - notificationCasExceptionInterval (p. 446)	12	Interval in hours for delay in sending notification for failure of CAS while indexing.
	searchindex - pushInterval (p. 446)	5	Interval in minutes to push incremental data in CAS.
	searchindex - pushLimit (p. 447)	300	Numbers of records to be pulled from each indexable type in the REST API call to get indexable records in one go.
	searchindex - scheduledEnabled (p. 447)	false	Flag to Indicate if scheduled indexing is enabled or not.
sizeOptimization	logging.level: com.sas.so (p. 307)	WARN	
	sizeoptimization - casServerLibName (p. 453)	PUBLIC	Cas server library name.
	sizeoptimization - casServerName (p. 453)	cas-shared-default	Cas server name.
	sizeoptimization - computeServerPollSleepInterval (p. 453)	15,000	Poll sleep interval for compute server.
	sizeoptimization - computeServerThreadCorePoolSize (p. 453)	60	Pool size.
	sizeoptimization - computeServerThreadMaxPoolSize (p. 454)	100	Max pool size.
	sizeoptimization - computeServerThreadQueueCapacity (p. 454)	500	Max thread queue capacity.
	sizeoptimization - jobTimeOut (p. 454)	10,800,000	Job time out period in milliseconds
	sizeoptimization - logTime (p. 455)	false	Logs time of executions in the debug logs.

Component	Property	Default	Description
	sizeoptimization - packOptLogLevel (p. 455)	0	Set log levels to different values.
	sizeoptimization - planningSchema (p. 455)	planning	Planning service schema name.
	sizeoptimization - sasMacroLogLevel (p. 456)	0	Set the log levels to different values.
	spring - datasource.tomcat.maxActive (p. 457)	100	Spring Boot Property
	spring - datasource.tomcat.maxIdle (p. 457)	75	Spring Boot Property
	spring - datasource.tomcat.maxWait (p. 457)	30000	Spring Boot Property
studio	studio (p. 458)		The sas.studio configuration instance is applied to SAS Data and AI Studio Redirect service and Data and AI Studio service.
subjectContact	subjectcontacts - (p. 469)		Configurable properties for Subject Contact service. See SAS Intelligent Decisioning documentation.
Transfer service	transfer - general.auth.enabled (p. 469)	true	Allow non-admin users to import and export.
treatmentDefinitions	treatmentdefinitions - (p. 469)		Treatment Definition service properties are documented in SAS Intelligent Decisioning: Administrator's Guide.
visualAnalytics	visualanalytics.api.settings - defaultJobTimeoutSeconds (p. 473)	600	Default number of seconds before time-out on asynchronous request.
	visualanalytics.api.settings - defaultSynchronousWaitSeconds (p. 473)	30	Default number of seconds to wait before redirecting back to client on an asynchronous request.
	visualanalytics.api.settings - maximumJobTimeoutSeconds (p. 474)	3600	Maximum number of seconds before time-out on asynchronous request.
	visualanalytics.api.settings -	300	Maximum number of seconds to wait before redirecting back to client on a synchronous request.

Component	Property	Default	Description
	maximumSynchronousWaitSeconds (p. 474)		
	visualanalytics.api.settings - minimumJobTimeoutSeconds (p. 475)	60	Minimum number of seconds before time-out on asynchronous request.
	visualanalytics.api.settings - minimumSynchronousWaitSeconds (p. 475)	1	Minimum number of seconds to wait before redirecting back to client on a synchronous request.
visualAnalyticsAdministration	visualanalytics - azureADApplicationClientID (p. 470)		The application client ID of the app registration that is created in the Azure Active Directory for SAS Visual Analytics integration with Microsoft services.
	visualanalytics - azureADTenantID (p. 470)		The directory tenant ID of the customer organization in the Azure Active Directory, which is used for SAS Visual Analytics integration with Microsoft services.
	visualanalytics - backgroundQueries (p. 470)	0	The extent to which background queries are used when loading reports.
	visualanalytics - disableAutomaticOutlierDetection (p. 471)	false	Specifies that the Data pane does not calculate which data items have possible outlier values.
	visualanalytics - iframeSandbox (p. 471)	(see details)	The value of the sandbox attribute for an IFrame element that is used by the web content and data-driven content objects.
	visualanalytics - relatedMeasuresLimit (p. 472)	150	The related measures query are not run for data sources that have a measure count that exceeds this limit.
WebDataAccess	maps - (p. 369)		The Maps Service retrieves geometry (such as region polygons, centroid coordinates, and polylines) for geographic maps.
	maps - maxResolution (p. 369)	156,543.0339	For OpenStreetMap server, the maximum resolution in meters per pixel of each map tile.
	maps - numResolutions (p. 370)	18	For OpenStreetMap server, the number of tile levels configured on the tile servers.
	maps - servers (p. 370)	-	For OpenStreetMap server, a comma-separated list of servers, with paths to tiles.
	maps - defaultOSMCommunicationProtocol (p. 371)	https	The protocol (HTTP, HTTPS) that is used for the default OpenStreetMap servers.

Component	Property	Default	Description
	maps - localEsriGeocodeServiceUrl (p. 371)	-	The URL for Esri ArcGIS portal Geocoding services.
	maps - localEsriGeoEnrichmentUrl (p. 372)	-	The URL for Esri ArcGIS portal GeoEnrichment services.
	maps - localEsriHomeUrl (p. 372)	-	The URL for the Esri ArcGIS portal.
	maps - localEsriRoutingUrl (p. 373)	-	The URL for Esri ArcGIS portal Routing services.
	maps - localEsriServicesRequiresAuthentication (p. 373)	false	Specifies whether the Esri ArcGIS portal requires an authentication token for access.
	maps - localEsriServicesSsoAppId (p. 373)	-	Specifies the App ID that is provided by the Esri ArcGIS portal when registering a SAS application for single sign-on.
	maps - localEsriServicesUrl (p. 374)	-	The URL for Esri ArcGIS portal services.
	maps - preferCrossDomainProxy (p. 374)	false	Automatically enables the use of the cross-domain proxy for many requests for the map service.
	maps - useArcGISOnlineMaps (p. 375)	true	Enable access to background maps from the Esri ArcGIS Online catalog.
webRenderer	webrendererer.properties - timeoutMillis (p. 475)	300,000	The number of milliseconds allowed before the rendering process times out.
	webrendererer.system - cacheDuration (p. 476)	300	The number of seconds allowed before rendered content is deleted from the cache.
	webrendererer.system - defaultBrowser (p. 476)	-	Override the default browser.
workflow	event - eventConsumerThreadPoolSize (p. 241)	(see details)	Event consumer threads.
	logging.level: com.sas.workflow (p. 307)	WARN	
	logging.level: org.flowable (p. 308)	WARN	

Component	Property	Default	Description
	logging.level: org.flowable.engine.impl. persistence.entity (p. 308)	WARN	
	logging.level: org.hibernate (p. 309)	WARN	
	logging.level: org.hibernate.cache (p. 309)	WARN	
	logging.level: org.hibernate.hql (p. 309)	WARN	
	logging.level: org.hibernate.sql (p. 309)	WARN	
	logging.level: org.hibernate.type (p. 310)	WARN	
	logging.level: org.springframework (p. 310)	WARN	
	logging.level: org.springframework.transaction (p. 311)	WARN	
	workflow - administratorGroup (p. 477)	-	The name of the Workflow Administrator group.
	workflow.client.sasmode lmanager - defaultServiceAccount (p. 477)	-	Account for executing service tasks.
	workflow.engine - processDefinitionCacheLimit (p. 478)	-	Workflow process definition cache limit.
	workflow.taskexecutor - taskExecutorCorePoolSize (p. 478)	5	Workflow task executor threads.
	workflow.taskexecutor - taskExecutorMaxPoolSize (p. 478)	20	Workflow task executor maximum number of threads.
	workflow.taskexecutor - taskExecutorQueueCapacity (p. 479)	50	Workflow task executor queue capacity.

Component	Property	Default	Description
workflowDefinition	logging.level: com.sas (p. 301)	WARN	
	logging.level: com.sas.workflow.definition (p. 307)	WARN	
	logging.level: org.springframework (p. 310)	WARN	
workflowHistory	workflowhistory.eventlog - cleanup.schedule (p. 476)	0 0 0 * *	The schedule for cleanup event log.
	workflowhistory.eventlog - retention.days (p. 477)	30	The number of days that the event log is kept.
	workflow - administratorGroup (p. 477)	-	The name of the Workflow Administrator group.

Security Critical Configuration Properties

This selective view identifies security critical configuration properties in SAS Viya and categorizes them as follows:

[Auditing](#) | [Authentication](#) | [Authorization](#) | [Configuration Management](#) | [Encryption](#) | [Identity Information](#) | [Mobile](#) | [Session](#) | [Web](#)

Security Critical Category	Property	Default	Description
AUDITING	audit.archive.process - activity.retention (p. 152)	365d	Retains activity records in the audit database for the specified time period.
	audit.archive.process - activity.retention.in.archive (p. 152)	1827d	Retains activity records in the audit archive for the specified time period.
	audit.archive.process - audit.retention (p. 153)	7d	Retains audit records in the audit database for the specified time period.

Security Critical Category	Property	Default	Description
	audit.archive.process - audit.retention.in.archive (p. 153)	1827d	Retains audit records in the audit archive for the specified time period.
	audit.archive.process - enabled (p. 154)	true	Enables or disables the transfer of audit and activity records from the audit database to the audit archive.
	audit.archive.process - scanSchedule (p. 154)	0 0 * * *	Schedules the job that transfers audit and activity records from the audit database to the audit archive.
	audit.archive.process - storageType (p. 155)	none	Specifies the type of storage used for the audit archive.
	audit.archive.system - storage.local.destination (p. 155)	/auditData	The file location to use when storageType is set to local.
	audit.archive.system - storage.local.remainingSpaceThreshold (p. 156)	25	Specifies the percentage of available storage in the archive PV that triggers a stoppage of transforms into the archive.
	audit.purge - enabled (p. 156)	true	Enables the purging of records from the audit archive.
	audit.purge - purgeSchedule (p. 157)	0 0 * * *	Schedules the job that purges expired records from the audit archive.
	audit.record - activities.exclusion.list (p. 157)		Comma-separated list of service names for which activity events will not be recorded.
	audit.record - activity.recording.level (p. 158)	high	Specifies the amount of information that is stored in activity records.
	audit.record - audit.exclusion.list (p. 158)		Comma-separated list of service names for which resource-type audit events will not be recorded.
	audit.record - audit.recording.level (p. 159)	disabled	Specifies the minimum-required audit level for incoming audit actions.
	audit.record - service.list (p. 159)		Comma-separated list of services for which the READ events would be audited even when recording level discards READ events.
	audit.reporting - app.list (p. 160)	(see details)	Specifies the audit and activity records that are copied into CAS for reporting.
	audit.reporting - enabled (p. 160)	true	Enables the copying of audit records from the audit database to CAS.

Security Critical Category	Property	Default	Description
	audit.reporting - include.app.records (p. 161)	true	Determines whether audit records from SAS applications are copied from the audit database to CAS.
	audit.reporting - retention (p. 162)	7d	Specifies the length of time that audit records are retained in the audit database.
	audit.reporting.activities - enabled (p. 162)	true	Enables the copying of records from the audit database to CAS for the creation of reports.
	audit.reporting.activities - retention (p. 163)	180d	Specifies the retention period for records in the audit database.
	logging.level - level (p. 299)	(see details)	Specifies the logging level.
AUTHENTICATION	compute - domain.default (p. 202)	DefaultAuth	The default authentication domain to use for looking up host credentials.
	compute - kerberos.enabled (p. 203)	false	Specifies whether compute servers authenticate using Kerberos.
	credentials.azure - keyVault (p. 218)	-	The key vault URI.
	credentials.azure - name (p. 219)	-	Name of the secret in the key vault.
	oauth2.client - accessTokenValidity (p. 295)	3600	The number of seconds that access tokens issued to the application are valid for.
	oauth2.client - loginHint (p. 295)	-	The origin of the external identity provider that should be used for login.
	logon.callback - allowed.uris (p. 312)	-	Specifies a customized allowlist of additional trusted URIs.
	logon.groups - approvalExpirySeconds (p. 313)	-	When approving or denying access to a third-party application, specifies the number of seconds that the approval or denial should be remembered.
	logon.initial - passwordResetLifetime (p. 314)	86,400,000	The number of milliseconds for which that the password reset code is valid after restart.
	logon.initial - redirectUri (p. 315)	(see details)	The URI to which the initial user should be redirected after resetting the password.
	logon.initial - reset.enabled (p. 315)	-	Displays a password reset link for the initial user account at start-up.

Security Critical Category	Property	Default	Description
	logon.initial - user (p. 316)	sasboot	The user name for the initial user account.
	logon.jasig.cas - autolink (p. 316)	-	Automatically open the link to this central authentication server provider when the login page is displayed.
	logon.jasig.cas - casServerUrl (p. 316)	-	The URL for the central authentication server provider.
	logon.jasig.cas - enabled (p. 317)	false	Enable sign-ins using a Java in Administration Special Interest Group (Jasig) central authentication server (CAS).
	logon.jasig.cas - keepalive.enabled (p. 317)	false	Keep the central authentication server session active by obtaining proxy tickets.
	logon.jasig.cas - keepalive.proxyTicketUrl (p. 318)	-	The URL to obtain proxy tickets for keepalive purposes.
	logon.jasig.cas - sasLogonUrl (p. 319)	-	The URL of the SAS Logon Manager.
	logon.jasig.cas - service.artifactParameter (p. 319)	ticket	The request parameter to look for when attempting to see whether a ticket was sent from the server.
	logon.jasig.cas - service.authenticateAllArtifacts (p. 320)	false	Process all tickets, including proxy tickets.
	logon.jasig.cas - single.signOn.enabled (p. 322)	false	Enable single sign-on.
	logon.jasig.cas - single.signOut.enabled (p. 322)	false	Local sign-out should sign user out of the central authentication server also.
	logon.jasig.cas - single.signOut.logoutParameterName (p. 323)	logoutRequest	The parameter name that identifies a back channel single logoff request from the central authentication server.
	logon.jasig.cas - validate.renew (p. 324)	false	Determine whether the ticket validation request should include a renew.
	logon.jwt - issuer.uri (p. 324)	(see details)	The URI of the application, for the issuer claim in tokens

Security Critical Category	Property	Default	Description
	logon.jwt - policy.accessTokenValiditySeconds (p. 325)	3,600	The default number of seconds that access tokens are valid for after being issued in the default zone.
	logon.jwt - policy.global.accessTokenValiditySeconds (p. 326)	3,600	The default number of seconds that access tokens are valid for after being issued in all zones.
	logon.jwt - policy.global.refreshTokenValiditySeconds (p. 326)	1,209,600 (14 days)	The default number of seconds that refresh tokens are valid for after being issued in all zones.
	logon.jwt - policy.refreshTokenValiditySeconds (p. 327)	1,209,600 (14 days)	The default number of seconds that refresh tokens are valid for after being issued in the default zone.
	logon.jwt - refresh.restrictGrant (p. 327)	false	This parameter is no longer used.
	logon.jwt - signingCert (p. 328)	-	See details.
	logon.jwt - signingKey (p. 329)	-	See details.
	logon.kerberos - debug (p. 329)	false	Enables the debug mode of the JAAS Kerberos login module.
	logon.kerberos - holdOnToGSSContext (p. 330)	false	Enables Kerberos delegation to SAS Cloud Analytic Services.
	logon.kerberos - impersonate (p. 331)	false	Impersonate user credentials using Microsoft S4USELF extension to Kerberos for outgoing connections.
	logon.kerberos - keyTabLocation (p. 331)	-	The URL of the keytab file.
	logon.kerberos - servicePrincipal (p. 332)	-	The name of the service principal in the keytab.
	logon.oauth.providers - additionalAuthzParameters (p. 334)	-	Additional parameters to send to the provider for the authorization code flow.
	logon.oauth.providers - addShadowUserOnLogin (p. 334)	true	Add a local shadow user upon successful authentication.

Security Critical Category	Property	Default	Description
	logon.oauth.providers - attributeMappings.external_groups (p. 335)	-	The attribute claim to use for group memberships.
	logon.oauth.providers - attributeMappings.user_name (p. 336)	email	The attribute claim to use as the user name.
	logon.oauth.providers - authDomain (p. 336)	-	The URL to the authorization endpoint.
	logon.oauth.providers - cacheJwks (p. 337)	true	Cache the remote JSON web key (JWK) set used to validate ID tokens.
	logon.oauth.providers - clientAuthInBody (p. 337)	false	Include the client credentials in the request body.
	logon.oauth.providers - discoveryUrl (p. 338)	-	The URL used to discover the provider and obtain information needed to interact with it.
	logon.oauth.providers - emailDomain (p. 338)	-	The comma-delimited list of possible email address domains of users that can sign on with this provider.
	logon.oauth.providers - groupMappingMode (p. 339)	AS_SCOPE S	See details.
	logon.oauth.providers - issuer (p. 340)	-	The principal that issued the token, as a case-sensitive string or URI.
	logon.oauth.providers - jwtclientAuthentication (p. 340)	false	Use OIDC private key JSON web tokens (JWTs) for client authentication.
	logon.oauth.providers - logoutUrl (p. 341)	-	The URL to which SAS Viya should perform a redirect to request that the End-User be logged out at the provider.
	logon.oauth.providers - performRpInitiatedLogout (p. 343)	false	Initiate a log out from the provider when users sign-out of a SAS Viya session.
	logon.oauth.providers - relyingPartyId (p. 344)	-	The client ID registered in the provider.
	logon.oauth.providers - relyingPartySecret (p. 345)	-	The secret registered in the provider for the client ID.
	logon.oauth.providers - scopes (p. 346)	openid	The comma-delimited list of scopes for the authorization request.

Security Critical Category	Property	Default	Description
	logon.oauth.providers - tokenKey (p. 347)	-	The key that is used to verify token signatures.
	logon.oauth.providers - tokenKeyUrl (p. 347)	-	The public key that is used to sign tokens that are either directly entered into SAS Environment Manager or provided at the given URL.
	logon.oauth.providers - tokenUrl (p. 348)	-	The endpoint on the OIDC provider where tokens are issued.
	logon.provider.guest - enabled (p. 348)	false	Enable anonymous guest access to web applications.
	logon.saml - deprecated (p. 349)	-	Please use sas.logon.saml.sp instead.
	logon.saml.providers - addShadowUserOnLogin (p. 349)	true	Add a local shadow user upon successful authentication.
	logon.saml.providers - assertionConsumerIndex (p. 350)	0	The index of the assertion consumer service to use from identity provider metadata.
	logon.saml.providers - attributeMappings.external_groups (p. 350)	-	The attribute claim to use for group memberships.
	logon.saml.providers - authnContext (p. 351)	-	The comma-delimited list of authentication contexts to include in SAML requests to the identity provider.
	logon.saml.providers - emailDomain (p. 351)	-	The comma-delimited list of possible email address domains of users that can sign on with this provider.
	logon.saml.providers - groupMappingMode (p. 352)	AS_SCOPE S	Specifies how external groups are mapped when a value for attributeMappings.external_groups is provided.
	logon.saml.providers - idpMetadata (p. 352)	-	The identity provider metadata or the URL to the metadata.
	logon.saml.providers - metadataTrustCheck (p. 353)	true	The identity provider certificate must be trusted.
	logon.saml.providers - skipSslValidation (p. 355)	false	Skip TLS validation of the certificate.
	logon.sas9 - autoLink (p. 359)	false	Automatically open the link to SAS®9 when the login page is displayed.

Security Critical Category	Property	Default	Description
	logon.sas9 - enabled (p. 359)	false	Enable sign-ins using SAS®9 credentials.
	logon.sas9 - single.signOn.enabled (p. 361)	false	Redirect to SAS®9 for single sign-on.
	logon.sas9 - single.signOut.enabled (p. 361)	false	Local sign-out should sign user out of SAS®9 also.
	logon.zone - defaultIdentityProvider (p. 364)	-	Name of the identity provider to automatically redirect logins to.
	oauth2.client - accessTokenValidity (p. 378)	3600	The number of seconds that access tokens issued to the application are valid for.
	oauth2.client - loginHint (p. 378)	-	The origin of the external identity provider that should be used for login.
	oauth2.client - refreshTokenValidity (p. 379)	1,209,600	The number of seconds that refresh tokens issued to the application are valid for.
	studio - allowGitKerberosAuthentication (p. 461)	false	Enables users to create Git Kerberos profiles.
	studio - allowGitPassword (p. 461)	false	Enables users to create Git profiles that require a password for HTTPS authentication.
	studio - allowGitSSHPassword (p. 462)	false	Enables users to create Git profiles with password protected SSH authentication.
AUTHORIZATION	studio - allowGitSSLCertFilepath (p. 462)	false	Enables users to create Git HTTPS profiles with a specified TLS Certification.
	authorization - remote (p. 164)	true	Specifies whether enforcement in the general authorization system is enabled.
	authorization - reshareEnabled (p. 165)	true	Specifies whether resharing is enabled.
	authorization - sharingEnabled (p. 166)	true	Specifies whether sharing is enabled.
	authorization - warnOnCycles (p. 166)	true	Specifies whether cyclic warnings are written to the authorization service log.

Security Critical Category	Property	Default	Description
	scheduler - allowAbsoluteJobURIs (p. 441)	false	Allow the scheduler to run external URIs.
	studio - allowDownload (p. 460)	true	Allows users to download data.
	studio - allowExport (p. 460)	true	Allows administrators to restrict users from exporting data.
	studio - allowGit (p. 461)	true	Allows users to use Git functionality.
	studio - allowUpload (p. 463)	true	Allows users to upload data.
	studio - showServerFiles (p. 468)	false	Allows administrators to show or hide the local file system.
CONFIGURATION MANAGEMENT	batch - retentionInterval (p. 168)	3600	The number of seconds between retention checks.
	batch - retentionPeriod (p. 168)	0	The number of seconds a job will be retained before it is eligible for purging.
	batch - reusableServerMaxAge (p. 169)	604800	See Details
	batch.server:autoexec_code - contents (p. 169)	(see details)	The contents of this configuration instance.
	batch.server:configuration_options - contents (p. 171)	(see details)	The contents of this configuration instance.
	batch.server:restricted_options - contents (p. 172)	(see details)	The contents of this configuration instance.
	batch.server:startup_commands - contents (p. 173)	(see details)	The contents of this configuration instance.
	cas.instance.config:config - contents (p. 180)	(see details)	The contents of this configuration instance that is read by CAS configuration processing.
	cas.instance.config:delete - contents (p. 182)	(see details)	The contents of this configuration instance that is read by CAS configuration processing.
	cas.instance.config:logconfig - contents (p. 183)	(see details)	The contents of this configuration instance that is read by CAS configuration processing.

Security Critical Category	Property	Default	Description
	cas.instance.config:sessionlogconfig - contents (p. 184)	(see details)	The contents of this configuration instance that are read by CAS configuration processing.
	cas.instance.config:settings - contents (p. 185)	(see details)	The contents of this configuration instance that are read by CAS configuration processing.
	cas.instance.config:start up - contents (p. 187)	(see details)	The contents of this configuration instance that are read by CAS configuration processing.
	compute.server - autoexec_code - contents (p. 203)	(see details)	The contents of this configuration instance.
	compute.server - configuration_options - contents (p. 204)	(see details)	The contents of this configuration instance.
	compute.server - logconfig - contents (p. 205)	(see details)	The contents of this configuration instance.
	compute.server - restricted_options - contents (p. 206)	(see details)	The contents of this configuration instance.
	compute.server - startup_commands - contents (p. 208)	(see details)	The contents of this configuration instance.
	connect.server - autoexec_code - contents (batch) (p. 210)	(see details)	The contents of this configuration instance.
	connect.server - autoexec_code - contents (p. 211)	(see details)	The contents of this configuration instance.
	connect.server - configuration_options - contents (p. 212)	(see details)	The contents of this configuration instance.
	connect.server - logconfig - contents (p. 213)	(see details)	The contents of this configuration instance.
	connect.server - restricted_options - contents (p. 214)	(see details)	The contents of this configuration instance.
	connect.server - startup_commands - contents (p. 215)	(see details)	The contents of this configuration instance.

Security Critical Category	Property	Default	Description
	connect.spawner - logconfig - contents (p. 216)	(see details)	The contents of this configuration instance.
	connect.spawner - startup_commands - contents (p. 217)	(see details)	The contents of this configuration instance.
ENCRYPTION	listdata.redis - useSSL (p. 299)	true	The value that specifies whether to use TLS for the Redis connection.
IDENTITY INFORMATION	identities - cache.enabled (p. 246)	true	Enables caching of identities information.
	identities - defaultProvider (p. 247)	local	The default identities provider.
	identities - endpoints.secured.groups (p. 247)	false	When enabled, limits non-administrative users' Read access for groups.
	identities - endpoints.secured.members (p. 247)	false	When enabled, limits non-administrative users' Read access for group members.
	identities - endpoints.secured.memberships (p. 248)	false	When enabled, limits non-administrative users' Read access for group and user memberships.
	identities - endpoints.secured.users (p. 248)	false	When enabled, limits non-administrative users' Read access for other users.
	identities - identifier.generateGids (p. 249)	false	When selected, generates GIDs for users and groups.
	identities - identifier.generateUids (p. 249)	true	When enabled, generates UIDs for users.
	identities.providers - ldap.enabled (p. 250)	true	Enables the LDAP identity provider.
	identities.providers - scim.enabled (p. 250)	true	Enables the SCIM identity provider.
	identities.providers.ldap - followReferrals (p. 251)	false	Enables referrals to other servers or domains to be followed automatically.
	identities.providers.ldap.connection - anonymousBind (p. 253)	false	Defines whether Read-Only operations are performed using an anonymous (unauthenticated) context.

Security Critical Category	Property	Default	Description
	identities.providers.ldap.connection - host (p. 253)	ldap.fyi.sas.com	The host name of the LDAP server to connect to.
	identities.providers.ldap.connection - password (p. 254)	*****	The password for logging on to the LDAP server.
	identities.providers.ldap.connection - pool.enabled (p. 254)	true	Enables pooling of LDAP connections.
	identities.providers.ldap.connection - pool.evictionTimePeriod Millis (p. 254)	240,000	The time in milliseconds that the idle-object evictor sleeps between runs. If the value is non-positive, the idle object evictor does not run.
	identities.providers.ldap.connection - pool.idleTimeMillis (p. 255)	480,000	The minimum amount of time in milliseconds that objects can sit idle in the pool before becoming eligible for eviction by the idle-object evictor, if present.
	identities.providers.ldap.connection - pool.maxActive (p. 255)	8	The maximum number of active connections of a given type (either read-only or read-write) that can be allocated from the pool at the same time.
	identities.providers.ldap.connection - pool.maxIdle (p. 256)	8	The maximum number of active connections of a given type (either read-only or read-write) that can remain idle in the pool without extra connections being released.
	identities.providers.ldap.connection - pool.maxSize (p. 256)	-1	The maximum number of active connections of all types that can be allocated from the pool at the same time.
	identities.providers.ldap.connection - pool.maxWait (p. 257)	30,000	The maximum amount of time in milliseconds that the pool waits for a connection to be returned before throwing an exception.
	identities.providers.ldap.connection - pool.minIdle (p. 257)	0	The minimum number of active connections of a given type (either read-only or read-write) that can remain idle in the pool without extra connections being created.
	identities.providers.ldap.connection - pool.testOnBorrow (p. 258)	true	Enables validation of objects before they are borrowed from the pool.
	identities.providers.ldap.connection - pool.testOnReturn (p. 258)	false	Enables validation of objects before they are returned to the pool.

Security Critical Category	Property	Default	Description
	identities.providers.ldap.connection - pool.testWhileIdle (p. 259)	true	Enables validation of objects by the idle-object evictor, if present. If an object fails validation, it is dropped from the pool.
	identities.providers.ldap.connection - pool.whenExhaustedAction (p. 259)	1	An integer that indicates the behavior when the pool is exhausted.
	identities.providers.ldap.connection - port (p. 260)	3,269	The port for connecting to LDAP.
	identities.providers.ldap.connection - startTLS.mode (p. 260)	none	If using StartTLS, what mode to enable.
	identities.providers.ldap.connection - url (p. 261)	(see details)	The URL for connecting to LDAP.
	identities.providers.ldap.connection - userDN (p. 261)	-	The distinguished name (DN) of the user account for logging on to the LDAP server.
	identities.providers.ldap.group - accountId (p. 261)	sAMAccountName	The field in the LDAP provider that is used to populate the group's ID.
	identities.providers.ldap.group - baseDN (p. 262)	(see details)	The point from which the LDAP server searches for groups.
	identities.providers.ldap.group - distinguishedName (p. 263)	distinguishedName	The field in the LDAP provider that is used to populate the group's distinguished name value.
	identities.providers.ldap.group - members (p. 263)	member	The field in the LDAP provider that is used to populate the members of the group.
	identities.providers.ldap.group - memberOf (p. 264)	memberOf	The field in the LDAP provider that is used to populate the groups that this group is a member of.
	identities.providers.ldap.group - name (p. 264)	displayName	The field in the LDAP provider that is used to populate the group's name.
	identities.providers.ldap.user - accountId (p. 266)	sAMAccountName	The field in the LDAP provider that is used to populate the user's ID.
	identities.providers.ldap.user - address.locality (p. 266)		The field in the LDAP provider that is used to populate the user's city.

Security Critical Category	Property	Default	Description
	identities.providers.ldap.user - address.postalCode (p. 267)	postalCode	The field in the LDAP provider that is used to populate the user's postal code.
	identities.providers.ldap.user - address.street (p. 267)	street	The field in the LDAP provider that is used to populate the user's street address.
	identities.providers.ldap.user - distinguishedName (p. 269)	distinguishedName	The field in the LDAP provider that is used to populate the group's distinguished name value.
	identities.providers.ldap.user - emailAddress.other (p. 269)	otherMailbox	The field in the LDAP provider that is used to populate the user's alternate email address.
	identities.providers.ldap.user - emailAddress.sms (p. 269)	-	The field in the LDAP provider that is used to populate the user's SMS email address.
	identities.providers.ldap.user - emailAddress.work (p. 270)	mail	The field in the LDAP provider that is used to populate the user's work email address.
	identities.providers.ldap.user - memberOf (p. 270)	memberOf	The field in the LDAP provider that is used to populate the groups that this user is a member of.
	identities.providers.ldap.user - name (p. 271)	displayName	The field in the LDAP provider that is used to populate the user's name.
	identities.providers.ldap.user - phone.business (p. 272)	telephoneNumber	The field in the LDAP provider that is used to populate the user's work phone number.
	identities.providers.ldap.user - phone.businessFax (p. 272)	facsimileTelephoneNumber	The field in the LDAP provider that is used to populate the user's work fax number.
	identities.providers.ldap.user - phone.home (p. 273)	homePhone	The field in the LDAP provider that is used to populate the user's home phone number.
	identities.providers.ldap.user - phone.mobile (p. 273)	mobile	The field in the LDAP provider that is used to populate the user's mobile phone number.
	identities.providers.ldap.user - phone.pager (p. 274)	pager	The field in the LDAP provider that is used to populate the user's pager number.

Security Critical Category	Property	Default	Description
	logon.groups - externalIdentity (p. 314)	-	Populates a claim in tokens with a site-specific identifier to be used with row-level security and SUB::SAS.ExternalIdentity.
	logon.groups - groupLookupRequired (p. 314)	true	Require groups to be determined for authentication to succeed.
	spring - profiles.active (p. 458)	(see details)	The comma-separated list of active profiles.
SESSION	htmlcommons - enablePWATimeout (p. 244)	false	Controls whether Progressive Web Application (PWA) time-out is enabled or disabled.
	logon.sessions - maxConcurrentPrivilegedSessions (p. 362)	-2	The maximum number of allowed concurrent sessions for privileged users.
	logon.sessions - maxConcurrentSessions (p. 362)	-1	The maximum number of allowed concurrent sessions.
	logon.sessions - rejectNewSessionsIfMaxExceeded (p. 363)	false	Rejects new SAS Logon sessions if the maximum number of sessions is exceeded.
	security (p. 448)		The set of properties that are used to configure Spring security.
	server (p. 450)		The set of properties that are used to configure the embedded Spring server.
	server - servlet.session.timeout (p. 451)	1800	Specifies the Spring Boot session time out interval.
	server - http.session.maxAge (p. 452)	1800	Specifies session time out interval for SAS Viya web applications.
	studio - abandonedSessionTimeout (p. 459)	5	When the server has not heard from the browser in the specified number of minutes, the session is timed out.
	studio - pwaSessionTimeout (p. 467)	-	When PWA-enabled application has not registered user activity in the specified duration, the session is timed out.
WEB	commons.rest.client - proxy.bypass (p. 190)	false	Enables requests to be routed directly to the service rather than through the HTTP proxy.

Security Critical Category	Property	Default	Description
	commons.rest.client - sas.url.external.viya (p. 191)	-	Overrides the external host and port used when generating URLs for accessing this system.
	commons.web.security - content-security-policy (p. 191)	(see details)	The string used for the Content-Security-Policy HTTP header.
	commons.web.security - content-security-policy-enabled (p. 195)	true	Sends the Content-Security-Policy header in HTTP responses to prevent injection attacks.
	commons.web.security - x-content-type-options (p. 195)	nosniff	The string used for the X-Content-Type-Options header for unsecured endpoints.
	commons.web.security - x-content-type-options-enabled (p. 196)	true	Sends the X-Content-Type-Options header in HTTP responses for unsecured endpoints.
	commons.web.security - x-xss-protection (p. 196)	1; mode=block	The string used for the X-XSS-Protection header for unsecured endpoints.
	commons.web.security - x-xss-protection-enabled (p. 197)	true	Sends the X-XSS-Protection header in HTTP responses for unsecured endpoints.
	commons.web.security.cookies - sameSite (p. 197)	Lax	Specifies whether cookies should be sent only with same-site requests.
	commons.web.security.cors - allowCredentials (p. 198)	false	Allows user credentials to be used in cross-origin requests (CORS).
	commons.web.security.cors - allowedHeaders (p. 199)	*	The comma-separated list of HTTP headers that a pre-flight request can list as allowed for use during an actual request.
	commons.web.security.cors - allowedMethods (p. 199)	HEAD, GET	The comma-separated list of HTTP methods that are allowed by default in cross-origin requests (CORS).
	commons.web.security.cors - allowedOrigins (p. 200)	-	The comma-separated list of origins that are allowed by default. See Details.
	commons.web.security.csrf - (p. 201)		See details.
	commons.web.security.csrf - allowedUri (p. 202)	-	The comma-separated list of referer URIs that are allowed by default. The list must contain regular expressions.

Security Critical Category	Property	Default	Description
	crossdomainproxy - Cross Domain Proxy service (p. 220)		The Cross Domain Proxy service provides access to external web resources over HTTP.
	crossdomainproxy - allowedDomains (p. 220)	-	The list of domains (an allowlist) that the cross-domain proxy can access.
	crossdomainproxy - allowSystemDomains (p. 221)	true	Enables the list of trusted domains (if any) required by SAS.
	crossdomainproxy.system - excludeRequestHeaders (p. 222)	-	The list of header names (a denylist) that the cross-domain proxy excludes from requests sent to a destination URL.
	crossdomainproxy.system - outboundHttpProxyUrl (p. 222)	-	The proxy that is used for outgoing HTTP requests.
	crossdomainproxy.system - outboundHttpsProxyUrl (p. 223)	-	The proxy that is used for outgoing HTTPS requests.
	files - Files service (p. 242)		The Files service is documented in SAS Viya Platform: Files Service.
	htmlcommons - blockCommentAttachments (p. 242)	false	Blocks users from viewing or adding attachments to comments.
	htmlcommons - blockedFileExtensions (p. 243)	htm html	The list of file extensions (a denylist) that the web applications are allowed to block.
	htmlcommons - insecureViewingCommentAttachmentTypes (p. 245)	(see details)	The list of file content types that are allowed to be uploaded and viewed in a non-secure sandbox iframe from the Comments Manager.
	jobexecapp (p. 439)	(see details)	These configuration properties control the default behavior of the SAS Job Execution Web Application.
	visualanalytics - iframeSandbox (p. 471)	(see details)	The value of the sandbox attribute for an IFrame element that is used by the web content and data-driven content objects.

Dictionary

accounting.rules.bootstrap - databaseCheck

Check database configurations.

Valid in:	<code>sas.accounting.rules.bootstrap</code> configuration definition
Type:	SAS Viya configuration property
Default:	false
Component:	<code>accountingRules</code>
See:	“About This Dictionary ” on page 17

accounting.rules.bootstrap - retryDelay

Time in milliseconds to wait after a bootstrap failure before next retry attempt.

Valid in:	<code>sas.accounting.rules.bootstrap</code> configuration definition
Type:	SAS Viya configuration property
Default:	10,000
Component:	<code>accountingRules</code>
See:	“About This Dictionary ” on page 17

accounting.rules.bootstrap - retryMaxAttempts

Number of times to retry bootstrapping on failures.

Valid in:	<code>sas.accounting.rules.bootstrap</code> configuration definition
Type:	SAS Viya configuration property
Default:	120
Component:	<code>accountingRules</code>
See:	“About This Dictionary ” on page 17

accounting.rules.rest - retryDelay

Time in milliseconds to wait after a REST call failure before next retry attempt.

Valid in: sas.accounting.rules.rest configuration definition
Type: SAS Viya configuration property
Default: 5,000
Component: accountingRules
See: [“About This Dictionary ” on page 17](#)

accounting.rules.rest - retryMaxAttempts

Number of times to retry REST calls on failures.

Valid in: sas.accounting.rules.rest configuration definition
Type: SAS Viya configuration property
Default: 60
Component: accountingRules
See: [“About This Dictionary ” on page 17](#)

alerts.dispositions - max.bulk.disposition.alerts

The maximum number of alerts permitted for a bulk disposition request.

Valid in: sas.alerts.dispositions configuration definition
Type: SAS Viya configuration property
Default: 1,000
Component: alerts
See: [“About This Dictionary ” on page 17](#)

Details

Modifying one of these property values requires you to restart the service.

CAUTION

Do not change these settings without the guidance of SAS Technical Support.

alerts.kafka - enabled

Enables Kafka message polling

Valid in:	sas.alerts.kafka configuration definition
Type:	SAS Viya configuration property
Default:	false
Component:	alerts
See:	“About This Dictionary ” on page 17

Details

Modifying one of these property values requires you to restart the service.

CAUTION

Do not change these settings without the guidance of SAS Technical Support.

alerts.kafka - offset

Enables Kafka message polling

Valid in:	sas.alerts.kafka configuration definition
Type:	SAS Viya configuration property
Default:	earliest
Component:	alerts
See:	“About This Dictionary ” on page 17

Details

Common values are 'earliest' and 'latest'.

alerts.kafka - poller.count

The number polls to process simultaneously.

Valid in:	<code>sas.alerts.kafka</code> configuration definition
Type:	SAS Viya configuration property
Default:	<code>1</code>
Component:	<code>alerts</code>
See:	“About This Dictionary ” on page 17

alerts.kafka - poller.timeout

The timeout for the kafka poll. This is a performance tuning parameter.

Valid in:	<code>sas.alerts.kafka</code> configuration definition
Type:	SAS Viya configuration property
Default:	<code>10,000</code>
Component:	<code>alerts</code>
See:	“About This Dictionary ” on page 17

alerts.kafka - server

The hostname and port of the Kafka server. The format is: `host:port`.

Valid in:	<code>sas.alerts.kafka</code> configuration definition
Type:	SAS Viya configuration property
Default:	<code>localhost:9092</code>
Component:	<code>alerts</code>
See:	“About This Dictionary ” on page 17

alerts.kafka - topic

The Kafka topic.

Valid in:	<code>sas.alerts.kafka</code> configuration definition
-----------	--

Type:	SAS Viya configuration property
Default:	sas-alert-tdr-topic
Component:	alerts
See:	“About This Dictionary ” on page 17

alerts.kafka.outbound - acks

The number of acknowledgments the producer requires the leader to have received before considering a request complete

Valid in:	sas.alerts.kafka.outbound configuration definition
Type:	SAS Viya configuration property
Default:	1
Component:	alerts
See:	“About This Dictionary ” on page 17

Details

If set to zero, the producer will not wait for any acknowledgment from the server at all. If set to -1, the leader will wait for the full set of in-sync replicas to acknowledge the record. This guarantees that the record will not be lost as long as at least one in-sync replica remains alive.

alerts.kafka.outbound - batch.size

The producer will attempt to batch records together into fewer requests whenever multiple records are being sent to the same partition.

Valid in:	sas.alerts.kafka.outbound configuration definition
Type:	SAS Viya configuration property
Default:	16,384
Component:	alerts
See:	“About This Dictionary ” on page 17

Details

This configuration controls the default batch size in bytes. If we have fewer than this many bytes accumulated for this partition, we will 'linger' for the `linger.ms` time waiting for more records to show up. The `linger.ms` setting defaults to 0, which means we'll immediately send out a record even the accumulated batch size is under this `batch.size` setting.

alerts.kafka.outbound - linger.ms

The producer groups together any records that arrive in between request transmissions into a single batched request.

Valid in:	<code>sas.alerts.kafka.outbound</code> configuration definition
Type:	SAS Viya configuration property
Default:	0
Component:	alerts
See:	"About This Dictionary " on page 17

Details

This setting defaults to 0 (i.e., no delay).

alerts.tasks.metadata - max.upsert.objects

The maximum number of objects permitted for a bulk upsert.

Valid in:	<code>sas.alerts.kafka.outbound</code> configuration definition
Type:	SAS Viya configuration property
Default:	500
Component:	alerts
See:	"About This Dictionary " on page 17

alerts.tasks - batchSize

The number of alerts to process in one batch.

Valid in:	<code>sas.alerts.tasks</code> configuration definition
-----------	--

Type:	SAS Viya configuration property
Default:	500
Component:	alerts
See:	“About This Dictionary ” on page 17

Details

Modifying one of these property values requires you to restart the service.

CAUTION

Do not change these settings without the guidance of SAS Technical Support.

alerts.tasks - maxTasks

The maximum number of concurrent background tasks.

Valid in:	sas.alerts.tasks configuration definition
Type:	SAS Viya configuration property
Default:	5
Component:	alerts
See:	“About This Dictionary ” on page 17

Details

Modifying one of these property values requires you to restart the service.

CAUTION

Do not change these settings without the guidance of SAS Technical Support.

alerts.tasks - tick

The interval which background tasks are invoked.

Valid in:	sas.alerts.tasks configuration definition
Type:	SAS Viya configuration property

Default: 10m
Component: alerts
See: [“About This Dictionary ” on page 17](#)

Details

Modifying one of these property values requires you to restart the service.

CAUTION

Do not change these settings without the guidance of SAS Technical Support.

alerts-transaction.discriminators

A map of discriminator variable name and its path.

Valid in: sas.alerts-transaction.discriminators configuration definition
Type: SAS Viya configuration property
Default: -
Component: alertsTransaction
See: [“About This Dictionary ” on page 17](#)

Details

Allowed values for 'Name' are lowercase alphabetic values, can be separated by periods, and no spaces are allowed. The 'Value' should contain the entire path of the discriminator variable.

alerts-transaction.kafka - enabled

Enables kafka message polling for this tenant.

Valid in: sas.alerts-transaction.kafka configuration definition
Type: SAS Viya configuration property
Default: true
Component: alertsTransaction
See: [“About This Dictionary ” on page 17](#)

alerts-transaction.kafka - offset

The initial kafka offset to use the first time a topic is polled.

Valid in:	<code>sas.alerts-transaction.kafka</code> configuration definition
Type:	SAS Viya configuration property
Default:	earliest
Component:	<code>alertsTransaction</code>
See:	“About This Dictionary ” on page 17

Details

Common values are 'earliest' and 'latest'.

alerts-transaction.kafka - poller.count

The number polls to process simultaneously.

Valid in:	<code>sas.alerts-transaction.kafka</code> configuration definition
Type:	SAS Viya configuration property
Default:	1
Component:	<code>alertsTransaction</code>
See:	“About This Dictionary ” on page 17

alerts-transaction.kafka - poller.timeout

The timeout for the kafka poll. This is a performance tuning parameter.

Valid in:	<code>sas.alerts-transaction.kafka</code> configuration definition
Type:	SAS Viya configuration property
Default:	10,000
Component:	<code>alertsTransaction</code>
See:	“About This Dictionary ” on page 17

alerts-transaction.kafka - server

The kafka bootstrapper URL string. The Format is 'host:port'.

Valid in:	<code>sas.alerts-transaction.kafka</code> configuration definition
Type:	SAS Viya configuration property
Default:	(see details)
Component:	<code>alertsTransaction</code>
See:	“About This Dictionary ” on page 17

Details

`fsi-kafka-kafka-bootstrap.kafka.svc.cluster.local:9092`

alerts-transaction.kafka - topic

The kafka topic.

Valid in:	<code>sas.alerts-transaction.kafka</code> configuration definition
Type:	SAS Viya configuration property
Default:	<code>sas-alert-topic-p3-r2</code>
Component:	<code>alertsTransaction</code>
See:	“About This Dictionary ” on page 17

Details

`fsi-kafka-kafka-bootstrap.kafka.svc.cluster.local:9092`

alerts-transaction.metadata - max.upsert.objects

The maximum number of objects permitted for a bulk upsert.

Valid in:	<code>sas.alerts-transaction.metadata</code> configuration definition
Type:	SAS Viya configuration property

Default: 100
Component: alertsTransaction
See: [“About This Dictionary ” on page 17](#)

analytics.exchange - privateContent

Determines whether exchange content is private.

Valid in: sas.analytics.exchange configuration definition
Type: SAS Viya configuration property (global)
Default: **false**
See: [“About This Dictionary ” on page 17](#)

Details

When this property is set to true, custom nodes and templates are not visible to other users. The property must be set globally so that it affects all services.

CAUTION
Do not modify this property after custom exchange content has been created.

The label for this property is **Private Exchange Mode**.

analytics.common.auth.service.health - enabled

Enables the retry mechanism during Authorization Service outages.

Valid in: sas.analytics.common.auth.service.health configuration definition
Type: SAS Viya configuration property
Default: **true**
Component: analyticsGateway
See: [“About This Dictionary ” on page 17](#)

Details

The label for this property is **Health Check Enabled**. This configuration only applies to analytics Java services. If applied to other services, it will have no effect. It can

be used to adjust the retry logic that the gateway uses when the authentication service is not behaving correctly.

analytics.common.auth.service.health - healthCheckPeriodMs

The minimum amount of time (in milliseconds) between calls to health check the authorization service.

Valid in:	sas.analytics.common.auth.service.health configuration definition
Type:	SAS Viya configuration property
Default:	10000
Component:	analyticsGateway
See:	“About This Dictionary ” on page 17

Details

Retries will still try calling the original URI but if there is a failure and the authorization failed a health check less than `healthCheckPeriodMs` ago, then the Authorization Service be assumed as down without an actual call to it.

The label for this property is **Health Check Period**. This configuration only applies to analytics Java services. If applied to other services, it will have no effect. It can be used to adjust the retry logic that the gateway uses when the authentication service is not behaving correctly.

analytics.common.auth.service.health - healthCheckUncertaintyMs

The amount of time (in milliseconds) to wait after the authorization service has been restored before considering new HTTP request statuses to be accurate.

Valid in:	sas.analytics.common.auth.service.health configuration definition
Type:	SAS Viya configuration property
Default:	5000
Component:	analyticsGateway
See:	“About This Dictionary ” on page 17

Details

The label for this property is **Health Uncertainty Period**. This configuration only applies to analytics Java services. If applied to other services, it will have no effect. It can be used to adjust the retry logic that the gateway uses when the authentication service is not behaving correctly.

analytics.common.auth.service.health - retryMultiplier

TDetermines the delay before subsequent retries.

Valid in:	sas.analytics.common.auth.service.health configuration definition
Type:	SAS Viya configuration property
Default:	2
Component:	analyticsGateway
See:	“About This Dictionary ” on page 17

Details

The delay from a previous retry is multiplied by this value.

The label for this property is **Retry Backoff Multiplier**. This configuration only applies to analytics Java services. If applied to other services, it will have no effect. It can be used to adjust the retry logic that the gateway uses when the authentication service is not behaving correctly.

analytics.common.auth.service.health - retryInitialInterval

The initial retry interval period in milliseconds.

Valid in:	sas.analytics.common.auth.service.health configuration definition
Type:	SAS Viya configuration property
Default:	100
Component:	analyticsGateway
See:	“About This Dictionary ” on page 17

Details

The label for this property is **Retry Initial Interval**. The Advanced Analytics Gateway service is a label for **analyticsGateway** service.

analytics.common.auth.service.health - retryMaxInterval

The maximum retry interval period in milliseconds.

Valid in:	sas.analytics.common.auth.service.health configuration definition
Type:	SAS Viya configuration property
Default:	30000
Component:	analyticsGateway
See:	“About This Dictionary ” on page 17

Details

Set this to limit waits if the retry multiplier is set too high.

The label for this property is **Retry Maximum Interval**. This configuration only applies to analytics Java services. If applied to other services, it will have no effect. It can be used to adjust the retry logic that the gateway uses when the authentication service is not behaving correctly.

analytics.gateway - jobTtlSeconds

The default number of seconds to keep a job around after completion.

Valid in:	sas.analytics.gateway configuration definition
Type:	SAS Viya configuration property
Default:	86400
Component:	analyticsGateway
See:	“About This Dictionary ” on page 17

Details

CAUTION

If this number is less than the start-to-finish time of a segment execution job, the job might never finish.

The label for this property is **Job Time-to-Live (seconds)**.

analytics.gateway.job.segment.execution -

This property is deprecated as of 2023.06.

Valid in:	sas.analytics.gateway configuration definition
Type:	SAS Viya configuration property
Default:	1
Component:	analyticsGateway
See:	“About This Dictionary ” on page 17

analytics.projects - deferredCleanup.enabled

Enables the background cleanup of project or pipeline resources after they have been deleted.

Valid in:	sas.analytics.projects configuration definition
Type:	SAS Viya configuration property
Default:	true
Component:	analyticsGateway
See:	“About This Dictionary ” on page 17

Details

The label for this property is **Cleanup Enabled**.

analytics.projects - deferredCleanup.trackPermanently

Enables the tracking of resources that have reached the maximum number of cleanup attempts.

Valid in:	sas.analytics.projects configuration definition
Type:	SAS Viya configuration property
Default:	false
Component:	analyticsGateway
See:	“About This Dictionary ” on page 17

Details

If the maximum number of cleanup attempts is reached for a resource while tracking is enabled, then future increases to the maximum attempt count cause additional cleanup attempts.

The label for this property is **Cleanup Failure Tracking**.

analytics.projects - deferredCleanup.initialDelay

The initial delay, in milliseconds, before the initial attempt for background resource cleanup begins.

Valid in:	sas.analytics.projects configuration definition
Type:	SAS Viya configuration property
Default:	60,000
Component:	analyticsGateway
See:	“About This Dictionary ” on page 17

Details

The label for this property is **Cleanup Initial Delay**.

analytics.projects - deferredCleanup.maxAttempts

The maximum number of cleanup attempts for a particular deleted resource.

Valid in:	sas.analytics.projects configuration definition
Type:	SAS Viya configuration property
Default:	100
Component:	analyticsGateway
See:	“About This Dictionary ” on page 17

Details

The label for this property is **Cleanup Maximum Attempts**.

analytics.projects - deferredCleanup.iterationDelay

The delay, in milliseconds, between successive attempts for background resource cleanup.

Valid in:	sas.analytics.projects configuration definition
Type:	SAS Viya configuration property
Default:	10,000
Component:	analyticsGateway
See:	“About This Dictionary ” on page 17

Details

The label for this property is **Cleanup Retry Delay**.

analytics.projects - dataSource.path

Common root path under which a project's caslib data is stored.

Valid in:	sas.analytics.projects configuration definition
Type:	SAS Viya configuration property
Default:	projects
Component:	analyticsGateway
See:	“About This Dictionary ” on page 17

Details

The label for this property is **Data Source Path**.

analytics.projects - dataSource.type

The type of caslib created to store project data.

Valid in:	sas.analytics.projects configuration definition
Type:	SAS Viya configuration property
Default:	PATH
Component:	analyticsGateway
See:	“About This Dictionary ” on page 17

Details

The label for this property is **Data Source Type**.

analytics.projects - updateRetries.backoffMultiplier

On each new retry, the delay from the previous retry is multiplied by this value.

Valid in:	sas.analytics.projects configuration definition
Type:	SAS Viya configuration property (global)
Default:	1.25
Component:	analyticsGateway
See:	“About This Dictionary ” on page 17

Details

The label for this property is **Update Retry Backoff**.

analytics.projects - updateRetries.initialDelay

The initial delay, in milliseconds, before the initial retry is attempted after a project database update failure.

Valid in:	sas.analytics.projects configuration definition
Type:	SAS Viya configuration property
Default:	500
Component:	analyticsGateway
See:	“About This Dictionary ” on page 17

Details

The label for this property is **Update Retry Initial Delay**.

analytics.projects - updateRetries.maxAttempts

The maximum number of project update retries before treating an update failure as an error.

Valid in:	sas.analytics.projects configuration definition
Type:	SAS Viya configuration property (global)
Default:	5
Component:	analyticsGateway
See:	“About This Dictionary ” on page 17

Details

The label for this property is **Update Retry Maximum**.

analytics.execution -

See Details

Valid in:	sas.analytics.execution configuration definition
Type:	SAS Viya configuration property
Default:	
Component:	analyticsExecution
See:	“About This Dictionary ” on page 17

Details

These configuration settings are specific to Model Studio. See [“Configuration Properties” in SAS Visual Forecasting: User's Guide](#) for more information.

Note: The *sas.analytics.execution* definition is configured for the Analytics Execution service. If you need to modify the properties of the configuration instance, make sure that the **Services** field is Analytics Execution service. Depending on the deployed version of your SAS Viya software, it might display *Global* as the default setting. If you do not change the **Service** field from *Global* to

Analytics Execution service, many services are restarted unnecessarily and this might cause a temporary outage of your Viya system. Regardless, properties of the `sas.analytics.execution` instance are correctly applied to the Analytic Execution service. See [“Pipeline Fails to Run for Project with User-Defined Formats” in SAS Visual Forecasting: User’s Guide](#) for more information.

analytics.execution - component.delete.listener.retry.attempts

The number of retry attempts for the listener of Component Job Deleted events.

Valid in:	<code>sas.analytics.execution</code> configuration definition
Type:	SAS Viya configuration property
Default:	10
Component:	<code>analyticsExecution</code>
See:	“About This Dictionary ” on page 17

Details

The label for this property is **Component Job Deleted Listener Retry Attempts**. These configuration settings are specific to Model Studio. See [“Configuration Properties” in SAS Visual Forecasting: User’s Guide](#) for more information.

analytics.execution - component.delete.listener.retry.delay.duration

The period to delay before retrying a failed event by the listener of Component Job Deleted events.

Valid in:	<code>sas.analytics.execution</code> configuration definition
Type:	SAS Viya configuration property
Default:	2s
Component:	<code>analyticsExecution</code>
See:	“About This Dictionary ” on page 17

Details

Valid time units are "ns", "us" (or "µs"), "ms", "s", "m", "h", "d", "w", "y".

The label for this property is **Component Job Deleted Listener Retry Delay**. These configuration settings are specific to Model Studio. See [“Configuration Properties” in SAS Visual Forecasting: User’s Guide](#) for more information.

analytics.execution - flow.delete.listener.retry.attempts

The number of retry attempts for the listener of Flow Job Deleted events.

Valid in:	sas.analytics.execution configuration definition
Type:	SAS Viya configuration property
Default:	10
Component:	analyticsExecution
See:	“About This Dictionary ” on page 17

Details

The label for this property is **Flow Job Deleted Listener Retry Attempts**. These configuration settings are specific to Model Studio. See [“Configuration Properties” in SAS Visual Forecasting: User’s Guide](#) for more information.

analytics.execution - flow.delete.listener.retry.delay.duration

The period to delay before retrying a failed event by the listener of Flow Job Deleted events.

Valid in:	sas.analytics.execution configuration definition
Type:	SAS Viya configuration property
Default:	2s
Component:	analyticsExecution
See:	“About This Dictionary ” on page 17

Details

Valid time units are "ns", "us" (or "µs"), "ms", "s", "m", "h", "d", "w", "y".

The label for this property is **Flow Job Deleted Listener Retry Delay**. These configuration settings are specific to Model Studio. See [“Configuration Properties” in SAS Visual Forecasting: User’s Guide](#) for more information.

analytics.execution - flow.job.cancel.listener.retry.attempts

The number of retry attempts for the listener of Flow Job Cancel events.

Valid in:	sas.analytics.execution configuration definition
Type:	SAS Viya configuration property
Default:	10
Component:	analyticsExecution
See:	“About This Dictionary ” on page 17

Details

The label for this property is **Job Cancel Listener Retry Attempts**. These configuration settings are specific to Model Studio. See [“Configuration Properties” in SAS Visual Forecasting: User’s Guide](#) for more information.

analytics.execution - flow.job.cancel.listener.retry.delay.duration

The period to delay before retrying a failed event by the listener of Flow Job Cancel events.

Valid in:	sas.analytics.execution configuration definition
Type:	SAS Viya configuration property
Default:	2s
Component:	analyticsExecution
See:	“About This Dictionary ” on page 17

Details

Valid time units are "ns", "us" (or "µs"), "ms", "s", "m", "h", "d", "w", "y".

The label for this property is **Job Cancel Listener Retry Delay**. These configuration settings are specific to Model Studio. See [“Configuration Properties” in SAS Visual Forecasting: User’s Guide](#) for more information.

analytics.execution - flow.job.nodes.created.listener.retry.attempts

The number of retry attempts for the listener of Flow Job Nodes Created events.

Valid in:	sas.analytics.execution configuration definition
Type:	SAS Viya configuration property
Default:	10
Component:	analyticsExecution
See:	“About This Dictionary ” on page 17

Details

The label for this property is **Flow Job Nodes Created Listener Retry Attempts**. These configuration settings are specific to Model Studio. See [“Configuration Properties” in SAS Visual Forecasting: User’s Guide](#) for more information.

analytics.execution - flow.job.nodes.created.listener.retry.delay.duration

The period to delay before retrying a failed event by the listener of Flow Job Nodes Created events.

Valid in:	sas.analytics.execution configuration definition
Type:	SAS Viya configuration property
Default:	2s
Component:	analyticsExecution
See:	“About This Dictionary ” on page 17

Details

Valid time units are "ns", "us" (or "µs"), "ms", "s", "m", "h", "d", "w", "y".

The label for this property is **Flow Job Nodes Created Listener Retry Delay**. These configuration settings are specific to Model Studio. See [“Configuration Properties” in SAS Visual Forecasting: User’s Guide](#) for more information.

analytics.execution - job.delete.listener.retry.attempts

The number of retry attempts for the listener of Job Deleted events.

Valid in:	sas.analytics.execution configuration definition
Type:	SAS Viya configuration property
Default:	10
Component:	analyticsExecution
See:	“About This Dictionary ” on page 17

Details

The label for this property is **Job Deleted Listener Retry Attempts**. These configuration settings are specific to Model Studio. See [“Configuration Properties” in SAS Visual Forecasting: User’s Guide](#) for more information.

analytics.execution - job.delete.listener.retry.delay.duration

The period to delay before retrying a failed event by the listener of Job Deleted events.

Valid in:	sas.analytics.execution configuration definition
Type:	SAS Viya configuration property
Default:	2s
Component:	analyticsExecution
See:	“About This Dictionary ” on page 17

Details

Valid time units are "ns", "us" (or "µs"), "ms", "s", "m", "h", "d", "w", "y".

The label for this property is **Job Deleted Listener Retry Delay**. These configuration settings are specific to Model Studio. See [“Configuration Properties” in SAS Visual Forecasting: User’s Guide](#) for more information.

analytics.execution - launcher.cycle.time.duration

The frequency at which to send a signal to all the tenant work loops telling them to look for nodes to launch.

Valid in:	sas.analytics.execution configuration definition
Type:	SAS Viya configuration property
Default:	500ms
Component:	analyticsExecution
See:	“About This Dictionary ” on page 17

Details

Valid time units are "ns", "us" (or "µs"), "ms", "s", "m", "h", "d", "w", "y".

The label for this property is **Node Launcher Cycle Time**. This is one of three properties that control the process of selecting pipeline node job requests from a queue to be sent to the Job Execution Service. Do not adjust these properties unless directed to do so by SAS Technical support. These configuration settings are specific to Model Studio. See [“Configuration Properties” in SAS Visual Forecasting: User’s Guide](#) for more information.

analytics.execution - launcher.rest.period.duration

The period to delay after launching a node before looking for the next node to launch.

Valid in:	sas.analytics.execution configuration definition
Type:	SAS Viya configuration property
Default:	10ms
Component:	analyticsExecution
See:	“About This Dictionary ” on page 17

Details

Valid time units are "ns", "us" (or "µs"), "ms", "s", "m", "h", "d", "w", "y".

The label for this property is **Node Launcher Rest Period**. This is one of three properties that control the process of selecting pipeline node job requests from a queue to be sent to the Job Execution Service. Do not adjust these properties unless directed to do so by SAS Technical support. These configuration settings are specific to Model Studio. See [“Configuration Properties” in SAS Visual Forecasting: User’s Guide](#) for more information.

analytics.execution - maximum.concurrent.node.execution

Maximum number of concurrently executing nodes for each execution provider within each tenant.

Valid in: sas.analytics.execution configuration definition

Type: SAS Viya configuration property

Default: 10

Component: analyticsExecution

See: [“About This Dictionary ” on page 17](#)

Details

The label for this property is **Maximum Concurrent Nodes**.

Here is an example: if there are 3 tenants and this value is 5, there will be a maximum of 15 nodes executing for any execution provider, 5 for each tenant. Consider increasing the value of this property when you have a lot of users running pipelines. However, this property should be increased only if the deployment has the resources to handle additional nodes running simultaneously. This property is applied to the entire sas-analytics-execution deployment. Changing the deployment scaling (number of pods) does not change the maximum number of concurrent node executions across the entire system.

These configuration settings are specific to Model Studio. See [“Configuration Properties” in SAS Visual Forecasting: User’s Guide](#) for more information.

analytics.execution - node.execution.lock.timeout.duration

The duration a node lock is valid.

Valid in:	sas.analytics.execution configuration definition
Type:	SAS Viya configuration property
Default:	2m
Component:	analyticsExecution
See:	“About This Dictionary ” on page 17

Details

If a node is selected to be executed, and is not started within this time, it is eligible to be selected again.

Valid time units are "ns", "us" (or "µs"), "ms", "s", "m", "h", "d", "w", "y".

The label for this property is **Node Lock Timeout**. This is one of three properties that control the process of selecting pipeline node job requests from a queue to be sent to the Job Execution Service. Do not adjust these properties unless directed to do so by SAS Technical support. These configuration settings are specific to Model Studio. See [“Configuration Properties” in SAS Visual Forecasting: User's Guide](#) for more information.

analytics.execution - node.job.created.listener.retry.attempts

The number of retry attempts for the listener of Node Job Created events.

Valid in:	sas.analytics.execution configuration definition
Type:	SAS Viya configuration property
Default:	10
Component:	analyticsExecution
See:	“About This Dictionary ” on page 17

Details

The label for this property is **Node Job Created Listener Retry Attempts**. These configuration settings are specific to Model Studio. See [“Configuration Properties” in SAS Visual Forecasting: User’s Guide](#) for more information.

analytics.execution - node.job.created.listener.retry.delay.duration

The period to delay before retrying a failed event by the listener of Node Job Created events.

Valid in:	sas.analytics.execution configuration definition
Type:	SAS Viya configuration property
Default:	2s
Component:	analyticsExecution
See:	“About This Dictionary ” on page 17

Details

Valid time units are "ns", "us" (or "µs"), "ms", "s", "m", "h", "d", "w", "y".

The label for this property is **Node Job Created Listener Retry Delay**. These configuration settings are specific to Model Studio. See [“Configuration Properties” in SAS Visual Forecasting: User’s Guide](#) for more information.

analytics.execution - hung.graph.cleanup.frequency

The frequency at which the hung graph cleanup task should be run.

Valid in:	sas.analytics.execution configuration definition
Type:	SAS Viya configuration property
Default:	60s
Component:	analyticsExecution
See:	“About This Dictionary ” on page 17

Details

This task will locate graph entries that don't have corresponding running JES jobs and transition them the appropriate state. This is a backup process to handle missed JES state change events. Valid time units are "ns", "us" (or "µs"), "ms", "s", "m", "h", "d", "w", "y".

The label for this property is **Hung Graph Cleanup Task**.

Note: This property is new in 2024.06.

Do not adjust these properties unless directed to do so by SAS Technical support. Missing jobs and transient issues with other services can prevent the analytics execution service from handling job state transitions as intended. This can cause the state of a component (node) or pipeline (graph) to remain in a running state long after the associated job has completed. These properties can be used to adjust the timing of fallback processes intended to transition these stuck components and pipelines to an appropriate state.

These configuration settings are specific to Model Studio. See [“Configuration Properties” in SAS Visual Forecasting: User's Guide](#) for more information.

analytics.execution - hung.graph.candidate.duration

The minimum time since last update of a graph that should be checked for corresponding running JES jobs.

Valid in:	sas.analytics.execution configuration definition
Type:	SAS Viya configuration property
Default:	2m
Component:	analyticsExecution
See:	“About This Dictionary ” on page 17

Details

If the job does not exist or is not running and also has not been updated in this amount of time, the graph state will be updated accordingly. This is a backup process to handle missed JES state change events. Valid time units are "ns", "us" (or "µs"), "ms", "s", "m", "h", "d", "w", "y".

The label for this property is **Hung Graph Candidate Not Updated In Previous Time Period**.

Note: This property is new in 2024.06.

Do not adjust these properties unless directed to do so by SAS Technical support. Missing jobs and transient issues with other services can prevent the analytics execution service from handling job state transitions as intended. This can cause the state of a component (node) or pipeline (graph) to remain in a running state long after the associated job has completed. These properties can be used to adjust the timing of fallback processes intended to transition these stuck components and pipelines to an appropriate state.

These configuration settings are specific to Model Studio. See [“Configuration Properties” in SAS Visual Forecasting: User’s Guide](#) for more information.

analytics.execution - hung.node.cleanup.frequency

The frequency at which the hung node cleanup task should be run.

Valid in:	sas.analytics.execution configuration definition
Type:	SAS Viya configuration property
Default:	30s
Component:	analyticsExecution
See:	“About This Dictionary ” on page 17

Details

This task will locate node entries that don’t have corresponding running JES jobs and transition them the appropriate state. This is a backup process to handle missed JES state change events. Valid time units are "ns", "us" (or "µs"), "ms", "s", "m", "h", "d", "w", "y".

The label for this property is **Hung Node Cleanup Task Frequency**.

Note: This property is new in 2024.06.

Do not adjust these properties unless directed to do so by SAS Technical support. Missing jobs and transient issues with other services can prevent the analytics execution service from handling job state transitions as intended. This can cause the state of a component (node) or pipeline (graph) to remain in a running state long after the associated job has completed. These properties can be used to adjust the timing of fallback processes intended to transition these stuck components and pipelines to an appropriate state.

These configuration settings are specific to Model Studio. See [“Configuration Properties” in SAS Visual Forecasting: User’s Guide](#) for more information.

analytics.execution - hung.node.candidate.duration

The minimum time since last update of a node that should be checked for corresponding running JES jobs.

Valid in:	sas.analytics.execution configuration definition
Type:	SAS Viya configuration property
Default:	60s
Component:	analyticsExecution
See:	“About This Dictionary ” on page 17

Details

If the job does not exist or is not running and also has not been updated in this amount of time, the node state will be updated accordingly. This is a backup process to handle missed JES state change events. Valid time units are "ns", "us" (or "µs"), "ms", "s", "m", "h", "d", "w", "y".

The label for this property is **Hung Node Candidate Not Updated In Previous Time Period**.

Note: This property is new in 2024.06.

Do not adjust these properties unless directed to do so by SAS Technical support. Missing jobs and transient issues with other services can prevent the analytics execution service from handling job state transitions as intended. This can cause the state of a component (node) or pipeline (graph) to remain in a running state long after the associated job has completed. These properties can be used to adjust the timing of fallback processes intended to transition these stuck components and pipelines to an appropriate state.

These configuration settings are specific to Model Studio. See [“Configuration Properties” in SAS Visual Forecasting: User's Guide](#) for more information.

analytics.resources - segmentation.plan.polling.delay

The period to delay between polls on the plan state to determine whether the plan itself is no longer running (or pending).

Valid in:	sas.analytics.resources configuration definition
-----------	--

Type: SAS Viya configuration property
Default: 3000ms
Component: analyticsDataSegmentation service
See: [“About This Dictionary ” on page 17](#)

Details

Valid time units are "ns", "us" (or "µs"), "ms", "s", "m", "h", "d", "w", "y".

The label for this property is **Plan Polling Delay**.

analytics.resources - segmentation.plan.polling.retry.attempts

The maximum number of retries of polls on the plan state to determine whether the plan itself is no longer running (or pending).

Valid in: sas.analytics.resources configuration definition
Type: SAS Viya configuration property
Default: 10
Component: analyticsDataSegmentation service
See: [“About This Dictionary ” on page 17](#)

Details

The label for this property is **Plan Polling Retry Attempts**.

analytics.resources - segmentation.segment.completion.poll.frequency

The number of polls to make per second in the job execution service to determine whether a segment execution job is complete.

Valid in: sas.analytics.resources configuration definition
Type: SAS Viya configuration property (global)
Default: 1

Component: analyticsDataSegmentation service
See: [“About This Dictionary ” on page 17](#)

Details

The label for this property is **Segment Completion Poll Frequency**.

appregistry - supplementalProperties

User-added, advanced properties.

Valid in: sas.appregistry configuration definition
Type: SAS Viya configuration property
Default: -
Component: appRegistry
See: [“About This Dictionary ” on page 17](#)

appregistry.configuration - directive.denylist.csv

List of application IDs to suppress for all users.

Valid in: sas.appregistry.configuration configuration definition
Type: SAS Viya configuration property
Default: -
Component: appRegistry
See: [“About This Dictionary ” on page 17](#)

Details

The label for this property is **Application ID(s) to suppress**.

Separate IDs with a comma. Application IDs can be found by entering `https://prod.example.com/appRegistry/applications` in a web browser.

appregistry.configuration - initial.application.csv

The application ID to open when the user logs on to '/.

Valid in:	sas.appregistry.configuration configuration definition
Type:	SAS Viya configuration property
Default:	-
Component:	appRegistry
See:	“About This Dictionary ” on page 17

Details

The label for this property is **Application ID(s) to suppress**.

Application IDs can be found by entering `https://prod.example.com/appRegistry/applications` in a web browser.

For information, see [“Change the Initial SAS Viya Landing Page for SAS Users” in SAS Environment Manager: User's Guide](#).

audit.archive.process - activity.retention

Retains activity records in the audit database for the specified time period.

Valid in:	sas.audit.archive.process configuration definition
Type:	SAS Viya configuration property
Default:	365d
Component:	audit
Security critical category:	AUDITING
See:	SAS Viya: Auditing “About This Dictionary ” on page 17

audit.archive.process - activity.retention.in.archive

Retains activity records in the audit archive for the specified time period.

Valid in:	sas.audit.archive.process configuration definition
-----------	--

Type: SAS Viya configuration property

Default: 1827d

Component: audit

Security critical category: AUDITING

See: [SAS Viya: Auditing](#)
[“About This Dictionary ” on page 17](#)

audit.archive.process - audit.retention

Retains audit records in the audit database for the specified time period.

Valid in: sas.audit.archive.process configuration definition

Type: SAS Viya configuration property

Default: 7d

Component: audit

Security critical category: AUDITING

See: [SAS Viya: Auditing](#)
[“About This Dictionary ” on page 17](#)

audit.archive.process - audit.retention.in.archive

Retains audit records in the audit archive for the specified time period.

Valid in: sas.audit.archive.process configuration definition

Type: SAS Viya configuration property

Default: 1827d

Component: audit

Security critical category: AUDITING

See: [SAS Viya: Auditing](#)
[“About This Dictionary ” on page 17](#)

audit.archive.process - batchSize

Specifies the maximum number of audit and activity records that are processed in a single batch by an instance of the archive job. Also specifies the maximum number of records in a daily archive file.

Valid in:	<code>sas.audit.archive.process</code> configuration definition
Type:	SAS Viya configuration property
Default:	<code>1000</code>
Component:	<code>audit</code>
See:	SAS Viya: Auditing “About This Dictionary ” on page 17

audit.archive.process - enabled

Enables or disables the transfer of audit and activity records from the audit database to the audit archive.

Valid in:	<code>sas.audit.archive.process</code> configuration definition
Type:	SAS Viya configuration property
Default:	<code>true</code>
Component:	<code>audit</code>
Security critical category:	<code>AUDITING</code>
See:	SAS Viya: Auditing “About This Dictionary ” on page 17

audit.archive.process - scanSchedule

Schedules the job that transfers audit and activity records from the audit database to the audit archive.

Valid in:	<code>sas.audit.archive.process</code> configuration definition
Type:	SAS Viya configuration property
Default:	<code>0 0 * * *</code>
Component:	<code>audit</code>
Security critical category:	<code>AUDITING</code>

See: [SAS Viya: Auditing](#)
[“About This Dictionary ” on page 17](#)

Details

The value is in cron syntax.

The default value (0 0 * * *) purges the archive each night at midnight.

audit.archive.process - storageType

Specifies the type of storage used for the audit archive.

Valid in: sas.audit.archive.process configuration definition
 Type: SAS Viya configuration property
 Default: **none**
 Component: audit
 Security critical category: AUDITING
 See: [SAS Viya: Auditing](#)
[“About This Dictionary ” on page 17](#)

Details

The default value (**none**) causes expired records to be deleted from the database without archiving.

As an alternative, set the value to **local** and archive expired records to an attached persistent volume (PV).

audit.archive.system - storage.local.destination

The file location to use when `storageType` is set to *local*.

Valid in: sas.audit.archive.system configuration definition
 Type: SAS Viya configuration property
 Default: **/auditData**
 Component: audit

Security critical category: AUDITING

See: [SAS Viya: Auditing](#)
“About This Dictionary ” on page 17

audit.archive.system - storage.local.remainingSpaceThreshold

Specifies the percentage of available storage in the archive PV that triggers a stoppage of transforms into the archive.

Valid in: sas.audit.archive.system configuration definition

Type: SAS Viya configuration property

Default: 25

Component: audit

Security critical category: AUDITING

See: [SAS Viya: Auditing](#)
“About This Dictionary ” on page 17

Details

When available space in the persistent volume (PV) drops below the threshold, notifications appear in all SAS applications for all signed-in SAS administrators.

audit.purge - enabled

Enables the purging of records from the audit archive.

Valid in: sas.audit.purge configuration definition

Type: SAS Viya configuration property

Default: **true**

Component: audit

Security critical category: AUDITING

See: [SAS Viya: Auditing](#)
“About This Dictionary ” on page 17

audit.purge - purgeSchedule

Schedules the job that purges expired records from the audit archive.

Valid in:	sas.audit.purge configuration definition
Type:	SAS Viya configuration property
Default:	0 0 * * *
Component:	audit
Security critical category:	AUDITING
See:	SAS Viya: Auditing "About This Dictionary " on page 17

Details

The value is in cron syntax.

The default value (0 0 * * *) purges the archive each night at midnight.

audit.record - activities.exclusion.list

Comma-separated list of service names for which activity events will not be recorded.

Valid in:	sas.audit.record configuration definition
Type:	SAS Viya configuration property
Default:	
Component:	audit
Security critical category:	AUDITING
See:	SAS Viya: Auditing

Details

Applications specified in this list will be excluded from activity record registration.

audit.record - activity.recording.level

Specifies the amount of information that is stored in activity records.

Valid in: sas.audit.record configuration definition

Type: SAS Viya configuration property

Default: **high**

Component: audit

Security critical
category: AUDITING

See: [SAS Viya: Auditing](#)
“About This Dictionary ” on page 17

Details

Setting this value to `disabled` prevents the creation of activity records and is not recommended.

audit.record - audit.exclusion.list

Comma-separated list of service names for which resource-type audit events will not be recorded.

Valid in: sas.audit.record configuration definition

Type: SAS Viya configuration property

Default:

Component: audit

Security critical
category: AUDITING

See: [SAS Viya: Auditing](#)

Details

Applications specified in this list will be excluded from audit record registration.

audit.record - audit.recording.level

Specifies the minimum-required audit level for incoming audit actions.

Valid in:	sas.audit.record configuration definition
Type:	SAS Viya configuration property
Default:	disabled
Component:	audit
Security critical category:	AUDITING
See:	SAS Viya: Auditing “About This Dictionary ” on page 17

Details

Valid values are low, medium, high, and disabled. Select disabled to prevent the creation of audit records. Select other values according to the number of audit records you need to collect.

IMPORTANT Do not set audit.recording.level to HIGH. The HIGH setting results in a large increase in new audit records, which can degrade system performance and overload the audit database. To generate audit records for READ events, use the following services.list configuration property to target a small subset of SAS Viya services.

To learn how resource and security events become audit records, see [“Configure the Creation of Audit Records” in SAS Viya: Auditing](#).

audit.record - service.list

Comma-separated list of services for which the READ events would be audited even when recording level discards READ events.

Valid in:	sas.audit.record configuration definition
Type:	SAS Viya configuration property
Default:	
Component:	audit

Security critical category: AUDITING

See: [SAS Viya: Auditing](#)
[“About This Dictionary ” on page 17](#)

Details

To enable the creation of audit records for read-only API requests, specify a comma-separated list of serviceNames. To return a list of valid serviceNames, use the following command: `kubectl -n viya exec -it sas-rabbitmq-server-0 -- /opt/sas/viya/home/bin/sas-bootstrap-config catalog services | grep serviceName`

audit.reporting - app.list

Specifies the audit and activity records that are copied into CAS for reporting.

Valid in: sas.audit.reporting configuration definition

Type: SAS Viya configuration property

Default: (see details)

Component: audit

Security critical category: AUDITING

See: [SAS Viya: Auditing](#)
[“About This Dictionary ” on page 17](#)

Details

Comma-separated list of application types to include in the data. The value is based on the applications (services) that generated the audit events.

The default value is:

`reports, dataPlans, casManagement, casAccessManagement, SASLogon`

audit.reporting - enabled

Enables the copying of audit records from the audit database to CAS.

Valid in: sas.audit.reporting configuration definition

Type:	SAS Viya configuration property
Default:	true
Component:	audit
Security critical category:	AUDITING
See:	SAS Viya: Auditing “About This Dictionary ” on page 17

audit.reporting - include.app.records

Determines whether audit records from SAS applications are copied from the audit database to CAS.

Valid in:	sas.audit.reporting configuration definition
Type:	SAS Viya configuration property
Default:	true
Component:	audit
Security critical category:	AUDITING
See:	SAS Viya: Auditing “About This Dictionary ” on page 17

audit.reporting - query.page.size

Specifies the maximum number of audit records that are copied from the audit database to CAS in a single job.

Valid in:	sas.audit.reporting configuration definition
Type:	SAS Viya configuration property
Default:	5,000
Component:	audit
See:	SAS Viya: Auditing “About This Dictionary ” on page 17

audit.reporting - refresh.schedule

Schedules the job that copies audit records into CAS.

Valid in:	sas.audit.reporting configuration definition
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Type:	SAS Viya configuration property
Default:	0 */2 * * *
Component:	audit
See:	SAS Viya: Auditing “About This Dictionary ” on page 17

Details

The value is in cron syntax.

The default value (0 */2 * * *) refreshes CAS every 2 hours.

A value of */30 * * * * refreshes CAS every 30 minutes.

audit.reporting - retention

Specifies the length of time that audit records are retained in the audit database.

Valid in:	sas.audit.reporting configuration definition
Type:	SAS Viya configuration property
Default:	7d
Component:	audit
Security critical category:	AUDITING
See:	SAS Viya: Auditing “About This Dictionary ” on page 17

audit.reporting.activities - enabled

Enables the copying of records from the audit database to CAS for the creation of reports.

Valid in:	sas.audit.reporting.activities configuration definition
Type:	SAS Viya configuration property
Default:	true
Component:	audit
Security critical category:	AUDITING
See:	SAS Viya: Auditing “About This Dictionary ” on page 17

audit.reporting.activities - query.page.size

Specifies the number of records that are copied from the audit database to CAS for the creation of reports.

Valid in:	sas.audit.reporting.activities configuration definition
Type:	SAS Viya configuration property
Default:	5000
Component:	audit
See:	SAS Viya: Auditing “About This Dictionary ” on page 17

audit.reporting.activities - refresh.schedule

Schedules the job that copies records from the audit database to CAS.

Valid in:	sas.audit.reporting.activities configuration definition
Type:	SAS Viya configuration property
Default:	<code>*/30 * * * *</code>
Component:	audit
See:	SAS Viya: Auditing “About This Dictionary ” on page 17

Details

The value is in cron syntax.

The default value (`*/30 * * * *`) refreshes CAS every 30 minutes.

A value of `0 */1 * * * *` refreshes CAS every hour.

audit.reporting.activities - retention

Specifies the retention period for records in the audit database.

Valid in:	sas.audit.reporting.activities configuration definition
Type:	SAS Viya configuration property

Default:	180d
Component:	audit
Security critical category:	AUDITING
See:	SAS Viya: Auditing “About This Dictionary ” on page 17

authorization - maxAncestryCacheSize

Specifies the maximum number of ancestors to cache per object.

Valid in:	sas.authorization configuration definition
Type:	SAS Viya configuration property
Default:	1000
Component:	authorization
See:	SAS Viya Platform: General Authorization “About This Dictionary ” on page 17

Details

The cache enhances performance in container-based inheritance.

authorization - remote

Specifies whether enforcement in the general authorization system is enabled.

Valid in:	sas.authorization configuration definition
Type:	SAS Viya configuration property
Default:	true
Component:	authorization
Security critical category:	AUTHORIZATION
See:	SAS Viya Platform: General Authorization “About This Dictionary ” on page 17

Details

An administrator might temporarily disable authorization if rules that inadvertently prevent access are introduced.

CAUTION

Do not disable authorization while the system is available to other users.

authorization - reshareEnabled

Specifies whether resharing is enabled.

Valid in:	sas.authorization configuration definition
Type:	SAS Viya configuration property
Default:	true
Component:	authorization
Interaction:	If sharingEnabled on page 166 is false , this property has no effect.
Security critical category:	AUTHORIZATION
See:	“Sharing: Details for Administrators” in SAS Viya Platform: General Authorization “About This Dictionary ” on page 17

Details

When set to Off, this property prevents downstream sharing by users who lack Secure access to the object that is being shared.

Note: You cannot enable or disable downstream sharing on a per-object or per-identity basis. The ability to perform downstream sharing is controlled only by this deployment-wide configuration property.

authorization - rules.executorThreads

Specifies the number of threads that are available for bulk processing of authorization rules.

Valid in:	sas.authorization configuration definition
Type:	SAS Viya configuration property

Default: 20

Component: authorization

See: [SAS Viya Platform: General Authorization](#)
“About This Dictionary ” on page 17

Details

Modify this value only if you are directed to do so by SAS Technical Support.

authorization - sharingEnabled

Specifies whether sharing is enabled.

Valid in: sas.authorization configuration definition

Type: SAS Viya configuration property

Default: **true**

Component: authorization

Security critical category: AUTHORIZATION

See: [“Sharing: Details for Administrators” in SAS Viya Platform: General Authorization](#)
“About This Dictionary ” on page 17

authorization - warnOnCycles

Specifies whether cyclic warnings are written to the authorization service log.

Valid in: sas.authorization configuration definition

Type: SAS Viya configuration property

Default: **true**

Component: authorization

Security critical category: AUTHORIZATION

See: [SAS Viya Platform: General Authorization](#)
“About This Dictionary ” on page 17

Details

An administrator might temporarily set this property to false if cyclic warnings are causing the log to grow rapidly. After cyclic rules are corrected, set this property back to true.

businessrules -

Properties for Business Rules service. See SAS Intelligent Decisioning documentation.

Valid in:	<code>sas.businessrules</code> configuration definition
Type:	SAS Viya configuration property
Component:	<code>businessRules</code>
See:	“Business Rules Service Properties” in SAS Intelligent Decisioning: Administrator's Guide.

businessrules.checkout -

Properties for Business Rules service. See SAS Intelligent Decisioning documentation.

Valid in:	<code>sas.businessrules</code> configuration definition
Type:	SAS Viya configuration property
Component:	<code>businessRules</code>
See:	“Business Rules Service Properties” in SAS Intelligent Decisioning: Administrator's Guide.

businessrules.publish -

Properties for Business Rules service. See SAS Intelligent Decisioning documentation.

Valid in:	<code>sas.businessrules</code> configuration definition
Type:	SAS Viya configuration property
Component:	<code>businessRules</code>
See:	“Business Rules Service Properties” in SAS Intelligent Decisioning: Administrator's Guide.

batch - retentionInterval

The number of seconds between retention checks.

Valid in:	<code>sas.batch.server</code> configuration definition
Type:	SAS Viya configuration property
Default:	3600
Component:	batch
Security critical category:	CONFIGURATION MANAGEMENT
See:	“SAS Batch: Server, Service, and Contexts” in SAS Viya Platform: Programming Run-Time Servers “About This Dictionary ” on page 17

Details

The default is 3600, which means the retention checks are performed hourly.

Available in 2026.08 and later.

See [“SAS Batch: Server, Service, and Contexts” in SAS Viya Platform: Programming Run-Time Servers](#) for information about the SAS Batch Service.

batch - retentionPeriod

The number of seconds a job will be retained before it is eligible for purging.

Valid in:	<code>sas.batch.server</code> configuration definition
Type:	SAS Viya configuration property
Default:	0
Component:	batch
Security critical category:	CONFIGURATION MANAGEMENT
See:	“SAS Batch: Server, Service, and Contexts” in SAS Viya Platform: Programming Run-Time Servers “About This Dictionary ” on page 17

Details

The default is 0, which means that the jobs will not be purged automatically.

Available in 2026.08 and later.

See [“SAS Batch: Server, Service, and Contexts” in SAS Viya Platform: Programming Run-Time Servers](#) for information about the SAS Batch Service.

batch - reusableServerMaxAge

See Details

Valid in:	sas.batch.server configuration definition
Type:	SAS Viya configuration property
Default:	604800
Component:	batch
Security critical category:	CONFIGURATION MANAGEMENT
See:	“SAS Batch: Server, Service, and Contexts” in SAS Viya Platform: Programming Run-Time Servers “About This Dictionary ” on page 17

Details

The number of seconds a reusable server will be allowed to run before it is requested to terminate (and possibly restart) to allow for changes in container images and refresh tokens. The termination request is sent when the server is idle. Default is 7*24*60*60 seconds or 1 week.

See [“SAS Batch: Server, Service, and Contexts” in SAS Viya Platform: Programming Run-Time Servers](#) for information about the SAS Batch Service.

batch.server:autoexec_code - contents

The contents of this configuration instance.

Valid in:	sas.batch.server configuration definition
Type:	SAS Viya configuration property
Default:	(see details)
Component:	batch

Security critical category: CONFIGURATION MANAGEMENT

See: [“SAS Batch: Server, Service, and Contexts” in SAS Viya Platform: Programming Run-Time Servers](#)
[“About This Dictionary ” on page 17](#)

Details

The default value is:

```
/* * This configuration instance contains SAS code to be executed at the startup of the Batch S
```

The sas-batch CLI uses the Batch service to submit SAS programs to the cluster for batch processing. The Batch service launches the batch servers to process the SAS programs.

See [“SAS Batch: Server, Service, and Contexts” in SAS Viya Platform: Programming Run-Time Servers](#) for information about the SAS Batch Service.

batch.server:autoexec_code - name

The name of this configuration instance.

Valid in: sas.batch.server configuration definition
Type: SAS Viya configuration property
Default: **autoexec_code**
Component: batch
See: [“About This Dictionary ” on page 17](#)

Details

Do not change the name of this configuration instance unless instructed to do so by SAS Technical Support.

The sas-batch CLI uses the Batch service to submit SAS programs to the cluster for batch processing. The Batch service launches the batch servers to process the SAS programs.

See [“SAS Batch: Server, Service, and Contexts” in SAS Viya Platform: Programming Run-Time Servers](#) for information about the SAS Batch Service.

batch.server:configuration_options - contents

The contents of this configuration instance.

Valid in:	sas.batch.server configuration definition
Type:	SAS Viya configuration property
Default:	(see details)
Component:	batch
Security critical category:	CONFIGURATION MANAGEMENT
See:	“SAS Batch: Server, Service, and Contexts” in SAS Viya Platform: Programming Run-Time Servers “About This Dictionary ” on page 17

Details

The default value is:

```
/* * This configuration instance contains SAS configuration options  
  
* to be processed during the startup of the SAS Batch server. */
```

The sas-batch CLI uses the Batch service to submit SAS programs to the cluster for batch processing. The Batch service launches the batch servers to process the SAS programs.

See [“SAS Batch: Server, Service, and Contexts” in SAS Viya Platform: Programming Run-Time Servers](#) for information about the SAS Batch Service.

batch.server:configuration_options - name

The name of this configuration instance.

Valid in:	sas.batch.server configuration definition
Type:	SAS Viya configuration property
Default:	configuration_options
Component:	batch
See:	“About This Dictionary ” on page 17

Details

Do not change the name of this configuration instance unless instructed to do so by SAS Technical Support.

The sas-batch CLI uses the Batch service to submit SAS programs to the cluster for batch processing. The Batch service launches the batch servers to process the SAS programs.

See [“SAS Batch: Server, Service, and Contexts” in SAS Viya Platform: Programming Run-Time Servers](#) for information about the SAS Batch Service.

batch.server:restricted_options - contents

The contents of this configuration instance.

Valid in:	sas.batch.server configuration definition
Type:	SAS Viya configuration property
Default:	(see details)
Component:	batch
Security critical category:	CONFIGURATION MANAGEMENT
See:	“SAS Batch: Server, Service, and Contexts” in SAS Viya Platform: Programming Run-Time Servers “About This Dictionary ” on page 17

Details

The default value is:

```
/* * This configuration instance contains SAS restricted options
* to be processed during the startup of the SAS Batch server. */
```

The sas-batch CLI uses the Batch service to submit SAS programs to the cluster for batch processing. The Batch service launches the batch servers to process the SAS programs.

See [“SAS Batch: Server, Service, and Contexts” in SAS Viya Platform: Programming Run-Time Servers](#) for information about the SAS Batch Service.

batch.server:restricted_options - name

The name of this configuration instance.

Valid in:	sas.batch.server configuration definition
Type:	SAS Viya configuration property
Default:	restricted_options
Component:	batch
See:	“About This Dictionary ” on page 17

Details

Do not change the name of this configuration instance unless instructed to do so by SAS Technical Support.

The sas-batch CLI uses the Batch service to submit SAS programs to the cluster for batch processing. The Batch service launches the batch servers to process the SAS programs.

See [“SAS Batch: Server, Service, and Contexts” in SAS Viya Platform: Programming Run-Time Servers](#) for information about the SAS Batch Service.

batch.server:startup_commands - contents

The contents of this configuration instance.

Valid in:	sas.batch.server configuration definition
Type:	SAS Viya configuration property
Default:	(see details)
Component:	batch
Security critical category:	CONFIGURATION MANAGEMENT
See:	“SAS Batch: Server, Service, and Contexts” in SAS Viya Platform: Programming Run-Time Servers “About This Dictionary ” on page 17

Details

The default value is:

```
#!/bin/bash -p

# # This configuration instance contains environment variables

# and other commands to be set or executed prior to startup

# of the SAS Batch server. # #
```

The sas-batch CLI uses the Batch service to submit SAS programs to the cluster for batch processing. The Batch service launches the batch servers to process the SAS programs.

See [“SAS Batch: Server, Service, and Contexts” in SAS Viya Platform: Programming Run-Time Servers](#) for information about the SAS Batch Service.

batch.server:startup_commands - name

The name of this configuration instance.

Valid in:	sas.batch.server configuration definition
Type:	SAS Viya configuration property
Default:	startup_commands
Component:	batch
See:	“About This Dictionary ” on page 17

Details

Do not change the name of this configuration instance unless instructed to do so by SAS Technical Support.

The sas-batch CLI uses the Batch service to submit SAS programs to the cluster for batch processing. The Batch service launches the batch servers to process the SAS programs.

See [“SAS Batch: Server, Service, and Contexts” in SAS Viya Platform: Programming Run-Time Servers](#) for information about the SAS Batch Service.

casmanagement - casManager: jobHeartbeatInterval

The heartbeat value to use for jobs.

Valid in:	sas.casmanagement configuration definition
Type:	SAS Viya configuration property
Default:	PT5M
Component:	casManagement
See:	“Edit Configuration Instances” in SAS Viya Platform: SAS Cloud Analytic Services “About This Dictionary ” on page 17

Details

These are the configurable values for the CAS Manager job execution provider. Time-based values use W3C XML duration format (for example, P7D = 7 days, PT5M = 5 minutes, PT8H = 8 hours).

To disable the heartbeat check, set to PTOM (0 minutes).

casmanagement - casManager: jobExpireAfter

The amount of time after job completion until the job is deleted.

Valid in:	sas.casmanagement configuration definition
Type:	SAS Viya configuration property
Default:	P7D
Component:	casManagement
See:	“Edit Configuration Instances” in SAS Viya Platform: SAS Cloud Analytic Services “About This Dictionary ” on page 17

Details

These are the configurable values for the CAS Manager job execution provider. Time-based values use W3C XML duration format (for example, P7D = 7 days, PT5M = 5 minutes, PT8H = 8 hours).

Set to POD (0 days) to disable job deletion.

casmanagement - fileUpload: fileUploadBufferSize

The upload buffer size in kilobytes

Valid in:	sas.casmanagement configuration definition
Type:	SAS Viya configuration property
Default:	4,096
Component:	casManagement
See:	“Edit Configuration Instances” in SAS Viya Platform: SAS Cloud Analytic Services “About This Dictionary ” on page 17

Details

This property is used by datafile upload.

casmanagement - fileUpload: fileUploadEnabled

Enables datafile upload.

Valid in:	sas.casmanagement configuration definition
Type:	SAS Viya configuration property
Default:	true
Component:	casManagement
See:	“Edit Configuration Instances” in SAS Viya Platform: SAS Cloud Analytic Services “About This Dictionary ” on page 17

Details

This property is used by datafile upload.

casmanagement - fileUpload: maxFileUploadSize

The maximum datafile upload size in megabytes (-1 = no limit)

Valid in:	sas.casmanagement configuration definition
Type:	SAS Viya configuration property
Default:	25,000
Component:	casManagement
See:	“Edit Configuration Instances” in SAS Viya Platform: SAS Cloud Analytic Services “About This Dictionary ” on page 17

Details

This property is used by datafile upload.

It is highly recommended that a valid limit be set rather than using -1.

casmanagement.global:application - caslib

The name of the caslib used for application data.

Valid in:	sas.casmanagement.global configuration definition
Type:	SAS Viya configuration property (global)
Default:	AppData
Component:	(GLOBAL) casmanagement.global
See:	“About This Dictionary ” on page 17

Details

This property is used by applications to access shared data and analytics, such as map data.

casmanagement.global:application - casServer

The name of the CAS server used for application work.

Valid in:	sas.casmanagement.global configuration definition
Type:	SAS Viya configuration property (global)
Default:	cas-shared-default
Component:	(GLOBAL) casmanagement.global
See:	“About This Dictionary ” on page 17

Details

This property is used by applications to access shared data and analytics, such as map data.

casmanagement.global:default - caslib

The name of the default caslib for users.

Valid in:	sas.casmanagement.global configuration definition
-----------	---

Type: SAS Viya configuration property (global)
Default: **Public**
Component: (GLOBAL) casmanagement.global
See: [“About This Dictionary ” on page 17](#)

casmanagement.global:default - casServer

The name of the default CAS server for users.

Valid in: sas.casmanagement.global configuration definition
Type: SAS Viya configuration property (global)
Default: **cas-shared-default**
Component: (GLOBAL) casmanagement.global
See: [“About This Dictionary ” on page 17](#)

Details

This property is used by the system for data produced during normal operation, such as audit records and monitoring data.

casmanagement.global:reference - caslib

The name of the reference caslib.

Valid in: sas.casmanagement.global configuration definition
Type: SAS Viya configuration property (global)
Default: **ReferenceData**
Component: (GLOBAL) casmanagement.global
See: [“About This Dictionary ” on page 17](#)

casmanagement.global:system - caslib

The name of the system CAS server.

Valid in: sas.casmanagement.global configuration definition
Type: SAS Viya configuration property (global)

Default: **cas-shared-default**
Component: (GLOBAL) casmanagement.global
See: [“About This Dictionary ” on page 17](#)

Details

This property is used by the system for data produced during normal operation, such as audit records and monitoring data.

casmanagement.global:system - casServer

The name of the system caslib.

Valid in: sas.casmanagement.global configuration definition
Type: SAS Viya configuration property (global)
Default: **SystemData**
Component: (GLOBAL) casmanagement.global
See: [“About This Dictionary ” on page 17](#)

Details

This property is used by the system for data produced during normal operation, such as audit records and monitoring data.

casmanagement.global - loadedTablesCopiesCount

The number of copies of the table to make for fault tolerance when loading data.

Valid in: sas.casmanagement.global configuration definition
Type: SAS Viya configuration property (global)
Default: **1**
Component: (GLOBAL) casmanagement.global
See: [“About This Dictionary ” on page 17](#)

Details

Larger values result in slower performance and use more memory, but provide high availability for data in the event of a node failure.

casmanagement.global - savedTablesCopiesCount

The number of redundant copies to make for the rows when saving data.

Valid in:	sas.casmanagement.global configuration definition
Type:	SAS Viya configuration property (global)
Default:	1
Component:	(GLOBAL) casmanagement.global
See:	“About This Dictionary ” on page 17

Details

Larger values provide greater fault tolerance for node failures, but use more memory.

casmanagement.global - tempTablesCopiesCount

The number of extra copies of temp tables.

Valid in:	sas.casmanagement.global configuration definition
Type:	SAS Viya configuration property (global)
Default:	0
Component:	(GLOBAL) casmanagement.global
See:	“About This Dictionary ” on page 17

cas.instance.config:config - contents

The contents of this configuration instance that is read by CAS configuration processing.

Valid in:	sas.cas.instance.config configuration definition
Type:	SAS Viya configuration property
Default:	(see details)

Component:	cas-shared-default
Security critical category:	CONFIGURATION MANAGEMENT
See:	“Edit Configuration Instances” in SAS Viya Platform: SAS Cloud Analytic Services “About This Dictionary ” on page 17

Details

The default value is:

```
-- CAS configuration script extensions
--
-- Lua-formatted script that adds environment variables and/or configuration options to the CAS
-- env.EXAMPLE_VARIABLE='value'
-- Add an environment variable
-- cas.example_setting='value'
-- Add a configuration option
```

You must use Lua-formatted syntax.

The configuration of the CAS server is specified in configuration instances of the cas-shared-default service. These configuration instances contain configuration options, logging options, or Lua code that is executed when the CAS server starts.

cas.instance.config:config - name

The targeted CAS configuration instance to apply modifications.

Valid in:	sas.cas.instance.config configuration definition
Type:	SAS Viya configuration property
Default:	config
Component:	cas-shared-default
See:	“About This Dictionary ” on page 17 “Edit Configuration Instances” in SAS Viya Platform: SAS Cloud Analytic Services

Details

Do not change the name of this configuration instance unless instructed to do so by SAS Technical Support.

cas.instance.config:delete - contents

The contents of this configuration instance that is read by CAS configuration processing.

Valid in:	sas.cas.instance.config configuration definition
Type:	SAS Viya configuration property
Default:	(see details)
Component:	cas-shared-default
Security critical category:	CONFIGURATION MANAGEMENT
See:	“Edit Configuration Instances” in SAS Viya Platform: SAS Cloud Analytic Services “About This Dictionary ” on page 17

Details

The default value is:

```
# Delete all configuration instances defined for CAS deployment

# cas-shared-default. Configuration instances are deleted when

# cas-shared-default is shutdown or reset.

#Set prior to a shutdown of cas-shared-default when permanently # deleting this CAS deployment

# Set prior to a restart of cas-shared-default to re-initialize

# all configuration instances to their default values.

# The presence of the DELETE_CONFIGURATION_INSTANCES variable set to any value

# will request that configuration instances be deleted.

# Uncomment to delete all configuration instances for cas-shared-default.

# export DELETE_CONFIGURATION_INSTANCES='true'

--

-- Lua-formatted script that adds environment variables and/or configuration options to the CAS

-- env.EXAMPLE_VARIABLE='value' -- Add an environment variable
```

```
-- cas.example_setting='value' -- Add a configuration option
```

You must use Lua-formatted syntax.

The configuration of the CAS server is specified in configuration instances of the cas-shared-default service. These configuration instances contain configuration options, logging options, or Lua code that is executed when the CAS server starts.

cas.instance.config:delete - name

The targeted CAS configuration instance to apply modifications.

Valid in:	sas.cas.instance.config configuration definition
Type:	SAS Viya configuration property
Default:	delete
Component:	cas-shared-default
See:	“About This Dictionary ” on page 17

Details

Do not change the name of this configuration instance unless instructed to do so by SAS Technical Support.

cas.instance.config:logconfig - contents

The contents of this configuration instance that is read by CAS configuration processing.

Valid in:	sas.cas.instance.config configuration definition
Type:	SAS Viya configuration property
Default:	(see details)
Component:	cas-shared-default
Security critical category:	CONFIGURATION MANAGEMENT
See:	“Edit Configuration Instances” in SAS Viya Platform: SAS Cloud Analytic Services “About This Dictionary ” on page 17

Details

The default value is:

```
<?xml version="1.0" encoding="UTF-8"?> <logging:configuration xmlns:logging="http://www.sas.com/xml/2002/logging">
  <appender name="Console" class="ConsoleAppender"> <param name="SkipEmpty" value="true"/> </appender>
  <!-- Unix System Facility Appender, writes to unix system log --> <appender class="UNIXFacilityAppender" name="UNIXFacility"
    <!-- Administration message logger --> <logger name="Admin" immutability="true"> <level value="Info"/>
    <!-- Application message logger --> <logger name="App" immutability="true"> <level value="Info"/>
  </logging:configuration>
```

The configuration of the CAS server is specified in configuration instances of the cas-shared-default service. These configuration instances contain configuration options, logging options, or Lua code that is executed when the CAS server starts.

cas.instance.config:logconfig - name

The targeted CAS configuration instance to apply modifications.

Valid in:	sas.cas.instance.config configuration definition
Type:	SAS Viya configuration property
Default:	logconfig
Component:	cas-shared-default
See:	“About This Dictionary ” on page 17

Details

Do not change the name of this configuration instance unless instructed to do so by SAS Technical Support.

cas.instance.config:sessionlogconfig - contents

The contents of this configuration instance that are read by CAS configuration processing.

Valid in:	sas.cas.instance.config configuration definition
Type:	SAS Viya configuration property
Default:	(see details)
Component:	cas-shared-default

Security critical category: CONFIGURATION MANAGEMENT

See: [“Edit Configuration Instances” in SAS Viya Platform: SAS Cloud Analytic Services](#)
[“About This Dictionary ” on page 17](#)

Details

The default value is:

```
<?xml version="1.0" encoding="UTF-8"?> <logging:configuration xmlns:logging="http://www.sas.com/xml/2002/logging">
```

The configuration of the CAS server is specified in configuration instances of the cas-shared-default service. These configuration instances contain configuration options, logging options, or Lua code that is executed when the CAS server starts.

cas.instance.config:sessionlogconfig - name

The targeted CAS configuration instance to apply modifications.

Valid in: sas.cas.instance.config configuration definition
 Type: SAS Viya configuration property
 Default: **sessionlogconfig**
 Component: cas-shared-default
 See: [“About This Dictionary ” on page 17](#)

Details

Do not change the name of this configuration instance unless instructed to do so by SAS Technical Support.

cas.instance.config:settings - contents

The contents of this configuration instance that are read by CAS configuration processing.

Valid in: sas.cas.instance.config configuration definition
 Type: SAS Viya configuration property
 Default: (see details)
 Component: cas-shared-default

Security critical category: CONFIGURATION MANAGEMENT

See: [“Edit Configuration Instances” in SAS Viya Platform: SAS Cloud Analytic Services](#)
[“About This Dictionary ” on page 17](#)

Details

The default value is:

```
# CAS settings configuration extensions

# Bash-formatted script that adds environment variables

# to the CAS Server and Session environment

# export EXAMPLE_VARIABLE="value"

# export CAS_SESSION_LOGGING="true"
```

You must use bash-formatted syntax for this configuration instance.

The configuration of the CAS server is specified in configuration instances of the cas-shared-default service. These configuration instances contain configuration options, logging options, or Lua code that is executed when the CAS server starts.

cas.instance.config:settings - name

The targeted CAS configuration instance to apply modifications.

Valid in: sas.cas.instance.config configuration definition

Type: SAS Viya configuration property

Default: **settings**

Component: cas-shared-default

See: [“About This Dictionary ” on page 17](#)

Details

Do not change the name of this configuration instance unless instructed to do so by SAS Technical Support.

cas.instance.config:startup - contents

The contents of this configuration instance that are read by CAS configuration processing.

Valid in:	sas.cas.instance.config configuration definition
Type:	SAS Viya configuration property
Default:	(see details)
Component:	cas-shared-default
Security critical category:	CONFIGURATION MANAGEMENT
See:	“Edit Configuration Instances” in SAS Viya Platform: SAS Cloud Analytic Services “About This Dictionary ” on page 17

Details

The default value is:

```
-- CAS session-zero startup script extensions.

-- -- Lua-formatted SWAT client code

-- that executes specified actions during session-zero prior to

-- clients connecting to CAS. -- s:table_addCaslib{ name="sales", description="Sales data", dat
```

The configuration of the CAS server is specified in configuration instances of the cas-shared-default service. These configuration instances contain configuration options, logging options, or Lua code that is executed when the CAS server starts.

cas.instance.config:startup - name

The targeted CAS configuration instance to apply modifications.

Valid in:	sas.cas.instance.config configuration definition
Type:	SAS Viya configuration property
Default:	startup
Component:	cas-shared-default
See:	“About This Dictionary ” on page 17

Details

Do not change the name of this configuration instance unless instructed to do so by SAS Technical Support.

casproxy - caslJESExpiresAfter

The amount of time after job completion before the job execution service deletes the job.

Valid in:	sas.casproxy configuration definition
Type:	SAS Viya configuration property
Default:	-
Component:	casProxy
See:	“About This Dictionary ” on page 17

Details

This property is for the CASL job execution provider job.

Specify time in W3C XML duration format (for example, PT5M = 5 minutes).

A null value indicates that job is not deleted.

casproxy - caslJESHeartbeatInterval

The heartbeat value (in seconds) to use with a CASL job execution provider job.

Valid in:	sas.casproxy configuration definition
Type:	SAS Viya configuration property
Default:	300
Component:	casProxy
See:	“About This Dictionary ” on page 17

Details

This property is for the CASL job execution provider job.

A zero or negative value means that the heartbeat is not checked.

catalog -

The catalog service contains general administrative properties for SAS Data Governance. The configuration definition is sas.catalog.

Valid in:	sas.catalog configuration definition
Type:	SAS Viya configuration property
Component:	catalog
See:	“Configuration Properties for SAS Data Governance” in SAS Data Governance: Administrator’s Guide

catalogtablebot -

The catalogTableBot service contains properties for data agents in SAS Data Governance. The configuration definition is sas.catalogtablebot.

Valid in:	sas.catalogtablebot configuration definition
Type:	SAS Viya configuration property
Component:	catalogtablebot
See:	“Configuration Properties for SAS Data Governance” in SAS Data Governance: Administrator’s Guide

codebugger.session.timeout - check.interval

Timeout interval (minutes) to check for inactive sessions.

Valid in:	sas.codebugger.session.timeout configuration definition
Type:	SAS Viya configuration property
Default:	1
Component:	codeDebugger
See:	“About This Dictionary ” on page 17

codebugger.session.timeout - enabled

Enables session time-out monitoring.

Valid in:	<code>sas.codedebugger.session.timeout</code> configuration definition
Type:	SAS Viya configuration property
Default:	true
Component:	<code>codeDebugger</code>
See:	“About This Dictionary ” on page 17

codedebugger.session.timeout - period

Timeout period (minutes) for inactive sessions.

Valid in:	<code>sas.codedebugger.session.timeout</code> configuration definition
Type:	SAS Viya configuration property
Default:	30
Component:	<code>codeDebugger</code>
See:	“About This Dictionary ” on page 17

commons.rest.client - proxy.bypass

Enables requests to be routed directly to the service rather than through the HTTP proxy.

Valid in:	<code>sas.commons.rest.client</code> configuration definition
Type:	SAS Viya configuration property
Default:	false
Component:	(SYSTEM) <code>commons.rest.client</code>
Security critical category:	WEB
See:	“About This Dictionary ” on page 17

Details

Use the `sas.commons.rest.client` definition to configure the commons REST client library.

The label for this property is **Bypass HTTP Proxy**.

commons.rest.client - sas.url.external.viya

Overrides the external host and port used when generating URLs for accessing this system.

Valid in: sas.commons.rest.client configuration definition

Type: SAS Viya configuration property

Default: -

Component: (SYSTEM) commons.rest.client

Security critical category: WEB

See: [“About This Dictionary ” on page 17](#)

Details

Use `https://host:port/` syntax, where `:port` is optional.

Use the `sas.commons.rest.client` definition to configure the commons REST client library.

The label for this property is **A URL that is accessible to clients that are external to the SAS system.**

commons.web.security - content-security-policy

The string used for the Content-Security-Policy HTTP header.

Valid in: sas.commons.web.security configuration definition

Type: SAS Viya configuration property

Default: (see details)

Components: (SYSTEM) commons.web.security, Clinical Enrollment Simulation UI, Model Studio, SAS Alerts, SAS Detection Definition, SAS Drive, SAS Environment Manager, SAS Financial Management, SAS Health, SAS Health Cohort Builder, SAS Intelligent Decisioning, SAS Intelligent Planning, SAS Intelligent Pricing, SASJobExecution, SAS Logon Manager, SAS Model Manager, SAS Mobile Investigator, SAS Risk Cirrus, SAS Risk Engine, SAS Size Optimization, SASThemeDesigner, SASVisualAnalytics, SAS Visual Investigator, SAS Workflow Manager, SASAnalyticsForIoT, SASRiskKRM

Security critical category: WEB

See: [“About This Dictionary ” on page 17](#)

Details

In a new configuration, the default value is as follows:

```
default-src 'self'; object-src 'none'; frame-ancestors 'self'; form-action 'self';
```

The value can vary by service and release.

The following table documents the initial value of this property in each initial instance of the commons.web.security configuration definition.

Table 1.1 Default Value by Configuration Instance

Component	Default
Clinical Enrollment Simulation UI	default-src 'self'; object-src 'none'; script-src 'self' 'wasm-unsafe-eval'; base-uri 'self'; style-src 'self' 'unsafe-inline'; frame-ancestors 'self'; form-action 'self';
Model Studio	frame-ancestors 'self'; form-action 'none'; default-src 'self'; script-src 'self' 'unsafe-eval' 'unsafe-inline'; style-src 'self' 'unsafe-inline'; object-src 'none'; base-uri 'self'; connect-src 'self' *.sas.com; img-src 'self' data;;
SAS Alerts	default-src 'self'; script-src 'self' 'wasm-unsafe-eval'; img-src 'self' blob: data;; object-src 'none'; base-uri 'self'; connect-src 'self' *.sas.com blob: data;; frame-ancestors 'self'; form-action 'self'; font-src 'self' data;;
SAS Detection Definition	default-src 'self'; script-src 'self' 'wasm-unsafe-eval'; img-src 'self' blob: data;; style-src 'self' 'unsafe-inline'; object-src 'none'; base-uri 'self'; connect-src 'self' *.sas.com; frame-ancestors 'self'; form-action 'self';
SAS Drive	default-src 'self'; script-src 'self' 'unsafe-inline' 'unsafe-eval'; img-src 'self' *.sas.com blob: data;; media-src 'self' *.sas.com blob;; style-src 'self' 'unsafe-inline'; child-src 'self' blob: data: mailto;; connect-src 'self' *.sas.com; frame-ancestors 'self'; form-action 'self';
SAS Environment Manager	default-src 'self'; script-src 'self' 'unsafe-eval'; img-src 'self' *.sas.com blob: data;; style-src 'self' 'unsafe-inline'; object-src 'none'; base-uri 'self'; connect-src 'self' *.sas.com; frame-ancestors 'self'; form-action 'self';
SAS Financial Management	default-src 'self'; object-src 'none'; frame-ancestors 'self'; form-action 'self'; img-src 'self' data;; frame-src 'self' https://players.brightcove.net; connect-src 'self' *.sas.com; base-uri 'self'; style-src 'self' 'unsafe-inline'; script-src 'self' 'unsafe-inline' 'unsafe-eval';

Component	Default
SAS Health	default-src 'self'; script-src 'self' *.sas.com 'wasm-unsafe-eval'; img-src 'self' *.sas.com blob: data;; style-src 'self' 'unsafe-inline'; child-src 'self' blob: data: mailto;; connect-src 'self' *.sas.com; frame-ancestors 'self'; form-action 'self'; font-src 'self' data;;
SAS Health Cohort Builder	default-src 'self'; script-src 'self' 'unsafe-inline' 'unsafe-eval' *.sas.com ; img-src 'self' *.sas.com blob: data;; style-src 'self' 'unsafe-inline'; child-src 'self' blob: data: mailto;; connect-src 'self' *.sas.com; frame-ancestors 'self'; form-action 'self';
SAS Intelligent Decisioning	frame-ancestors 'self'; form-action 'none'; default-src 'self'; script-src 'self' 'unsafe-eval' 'unsafe-inline'; style-src 'self' 'unsafe-inline'; object-src 'none'; base-uri 'self'; connect-src 'self' *.sas.com; img-src 'self' data;;
SAS Intelligent Planning	default-src 'self'; object-src 'none'; frame-ancestors 'self'; form-action 'self'; img-src 'self' data;; frame-src 'self' https://players.brightcove.net; connect-src 'self' *.sas.com; base-uri 'self'; style-src 'self' 'unsafe-inline'; script-src 'self' 'unsafe-inline' 'unsafe-eval';
SAS Intelligent Pricing	default-src 'self'; script-src 'self' 'unsafe-eval'; style-src 'self' 'unsafe-inline'; object-src 'none'; base-uri 'self'; connect-src 'self' *.sas.com; frame-ancestors 'self'; form-action 'self'; img-src 'self' data;; frame-src 'self' https://players.brightcove.net;
SAS Job Execution	default-src 'self'; script-src 'self' 'unsafe-inline' 'unsafe-eval'; img-src 'self' *.sas.com blob: data;; media-src 'self' *.sas.com blob;; style-src 'self' 'unsafe-inline'; child-src 'self' blob: data: mailto;; connect-src 'self' *.sas.com; frame-ancestors 'self'; form-action 'self';
SAS Logon Manager	default-src 'self'; style-src 'self'; font-src 'self' data;; frame-ancestors 'self'; form-action 'self';
SAS Mobile Investigator	default-src 'self'; script-src 'self'; img-src 'self' blob: data;; style-src 'self' 'unsafe-inline'; child-src 'self' blob: data: mailto;; font-src 'self' data;;
SAS Model Manager	frame-ancestors 'self'; form-action 'none'; default-src 'self'; script-src 'self' 'unsafe-eval' 'unsafe-inline'; style-src 'self' 'unsafe-inline'; object-src 'none'; base-uri 'self'; connect-src 'self' *.sas.com; img-src 'self' data;;
SAS Risk Cirrus	default-src 'self'; script-src 'self' 'wasm-unsafe-eval'; style-src 'self' 'unsafe-inline'; img-src 'self' blob: data;; object-src

Component	Default
	'none'; base-uri 'self'; connect-src 'self' *.sas.com blob: data;; frame-ancestors 'self'; form-action 'self'; font-src 'self' data;;
SAS Risk Engine	default-src 'self'; script-src 'self' 'unsafe-eval'; style-src 'self' 'unsafe-inline'; object-src 'none'; base-uri 'self'; connect-src 'self' *.sas.com; frame-ancestors 'self'; form-action 'self';
SAS Size Optimization	default-src 'self'; script-src 'self' 'unsafe-eval'; style-src 'self' 'unsafe-inline'; object-src 'none'; base-uri 'self'; connect-src 'self' *.sas.com; frame-ancestors 'self'; form-action 'self'; img-src 'self' data;; frame-src 'self' https://players.brightcove.net;
SAS Theme Designer	default-src 'self'; script-src 'self' 'unsafe-eval'; style-src 'self' 'unsafe-inline'; object-src 'none'; base-uri 'self'; connect-src 'self' *.sas.com; frame-ancestors 'self'; form-action 'self'; img-src 'self' blob;;
SAS Visual Analytics	default-src *; script-src 'self' 'unsafe-inline' 'unsafe-eval'; style-src 'self' 'unsafe-inline'; img-src * blob: data;; child-src * blob: data: mailto;; frame-ancestors 'self'; form-action 'self';
SAS Visual Investigator	default-src 'self'; object-src 'none'; script-src 'self' 'nonce-random' 'unsafe-eval'; frame-ancestors 'self'; form-action 'self'; img-src 'self' * blob: data;; style-src 'self' 'unsafe-inline'; child-src 'self' blob: data: mailto;; font-src 'self' data;;
SAS Workflow Manager	default-src 'self'; script-src 'self' 'unsafe-eval'; style-src 'self' 'unsafe-inline'; object-src 'none'; base-uri 'self'; connect-src 'self' *.sas.com; frame-ancestors 'self'; form-action 'self'; img-src 'self' blob;;
SASAnalyticsForIoT	default-src 'self'; script-src 'self' 'wasm-unsafe-eval' 'sha256-aj/XpKnE5s9sbjWbLb5t77vOjzMDFFsESW5/Swc0IHU='; style-src 'self' 'unsafe-inline'; object-src 'none'; base-uri 'self'; connect-src 'self' *.sas.com; frame-ancestors 'self'; form-action 'self'; img-src 'self' *.sas.com blob: data;;
SASRiskKRM	default-src 'self'; script-src 'self' 'unsafe-inline'; style-src 'self' 'unsafe-inline'; img-src 'self' blob: data;; object-src 'none'; base-uri 'self'; connect-src 'self' *.sas.com blob: data;; frame-ancestors 'self'; form-action 'self'; font-src 'self' data;;

Note: The configuration of the files service affects the risk of cross-site scripting attacks. See [“Managing Cross-Site Scripting Risk for File Uploads” in SAS Viya Platform: Overview](#).

commons.web.security - content-security-policy-enabled

Sends the Content-Security-Policy header in HTTP responses to prevent injection attacks.

Valid in:	sas.commons.web.security configuration definition
Type:	SAS Viya configuration property
Default:	true
Components:	(SYSTEM) commons.web.security, Clinical Enrollment Simulation UI, Model Studio, SAS Alerts, SAS Detection Definition, SAS Drive, SAS Environment Manager, SAS Financial Management, SAS Health, SAS Health Cohort Builder, SAS Intelligent Decisioning, SAS Intelligent Planning, SAS Intelligent Pricing, SASJobExecution, SAS Logon Manager, SAS Model Manager, SAS Mobile Investigator, SAS Risk Cirrus, SAS Risk Engine, SAS Size Optimization, SASThemeDesigner, SASVisualAnalytics, SAS Visual Investigator, SAS Workflow Manager, SASAnalyticsForIoT, SASRiskKRM
Security critical category:	WEB
See:	“About This Dictionary ” on page 17

commons.web.security - x-content-type-options

The string used for the X-Content-Type-Options header for unsecured endpoints.

Valid in:	sas.commons.web.security configuration definition
Type:	SAS Viya configuration property
Default:	nosniff
Components:	(SYSTEM) commons.web.security, Clinical Enrollment Simulation UI, Model Studio, SAS Alerts, SAS Detection Definition, SAS Drive, SAS Environment Manager, SAS Financial Management, SAS Health, SAS Health Cohort Builder, SAS Intelligent Decisioning, SAS Intelligent Planning, SAS Intelligent Pricing, SASJobExecution, SAS Logon Manager, SAS Model Manager, SAS Mobile Investigator, SAS Risk Cirrus, SAS Risk Engine, SAS Size Optimization, SASThemeDesigner, SASVisualAnalytics, SAS Visual Investigator, SAS Workflow Manager, SASAnalyticsForIoT, SASRiskKRM
Security critical category:	WEB
See:	“About This Dictionary ” on page 17

commons.web.security - x-content-type-options-enabled

Sends the X-Content-Type-Options header in HTTP responses for unsecured endpoints.

Valid in:	sas.commons.web.security configuration definition
Type:	SAS Viya configuration property
Default:	true
Components:	(SYSTEM) commons.web.security, Clinical Enrollment Simulation UI, Model Studio, SAS Alerts, SAS Detection Definition, SAS Drive, SAS Environment Manager, SAS Financial Management, SAS Health, SAS Health Cohort Builder, SAS Intelligent Decisioning, SAS Intelligent Planning, SAS Intelligent Pricing, SASJobExecution, SAS Logon Manager, SAS Model Manager, SAS Mobile Investigator, SAS Risk Cirrus, SAS Risk Engine, SAS Size Optimization, SASThemeDesigner, SASVisualAnalytics, SAS Visual Investigator, SAS Workflow Manager, SASAnalyticsForIoT, SASRiskKRM
Security critical category:	WEB
See:	“About This Dictionary ” on page 17

commons.web.security - x-xss-protection

The string used for the X-XSS-Protection header for unsecured endpoints.

Valid in:	sas.commons.web.security configuration definition
Type:	SAS Viya configuration property
Default:	1; mode=block
Components:	(SYSTEM) commons.web.security, Clinical Enrollment Simulation UI, Model Studio, SAS Alerts, SAS Detection Definition, SAS Drive, SAS Environment Manager, SAS Financial Management, SAS Health, SAS Health Cohort Builder, SAS Intelligent Decisioning, SAS Intelligent Planning, SAS Intelligent Pricing, SASJobExecution, SAS Logon Manager, SAS Model Manager, SAS Mobile Investigator, SAS Risk Cirrus, SAS Risk Engine, SAS Size Optimization, SASThemeDesigner, SASVisualAnalytics, SAS Visual Investigator, SAS Workflow Manager, SASAnalyticsForIoT, SASRiskKRM
Security critical category:	WEB
See:	“About This Dictionary ” on page 17

Details

The protections brought by this property are largely superseded by a strong content security policy.

It is recommended to use the content-security-policy property and to leave the x-xss-protection at its default value.

commons.web.security - x-xss-protection-enabled

Sends the X-XSS-Protection header in HTTP responses for unsecured endpoints.

Valid in: sas.commons.web.security configuration definition

Type: SAS Viya configuration property

Default: **true**

Components: (SYSTEM) commons.web.security, Clinical Enrollment Simulation UI, Model Studio, SAS Alerts, SAS Detection Definition, SAS Drive, SAS Environment Manager, SAS Financial Management, SAS Health, SAS Health Cohort Builder, SAS Intelligent Decisioning, SAS Intelligent Planning, SAS Intelligent Pricing, SASJobExecution, SAS Logon Manager, SAS Model Manager, SAS Mobile Investigator, SAS Risk Cirrus, SAS Risk Engine, SAS Size Optimization, SASThemeDesigner, SASVisualAnalytics, SAS Visual Investigator, SAS Workflow Manager, SASAnalyticsForIoT, SASRiskKRM

Security critical category: WEB

See: [“About This Dictionary ” on page 17](#)

Details

The protections brought by this property are largely superseded by a strong content security policy.

It is recommended to use the content-security-policy property and to leave the x-xss-protection at its default value.

commons.web.security.cookies - sameSite

Specifies whether cookies should be sent only with same-site requests.

Valid in: sas.commons.web.security.cookies configuration definition

Type: SAS Viya configuration property

Default: **Lax**

Component:	(SYSTEM) commons.web.security.cookies
Requirement:	Restart after modification
Security critical category:	WEB
See:	“Configure the SameSite Attribute” in SAS Viya Platform: Authentication “About This Dictionary ” on page 17

Details

Valid values are:

Unset	the same-site cookie attribute is not set
Strict	the browser prevents sending the cookie in any cross-site request
Lax	the browser sends the cookie only in same-site requests and cross-site top level GET requests
None	the same-site cookie attribute is set and the cookie is always sent in cross-site requests

commons.web.security.cors - allowCredentials

Allows user credentials to be used in cross-origin requests (CORS).

Valid in:	sas.commons.web.security.cors configuration definition
Type:	SAS Viya configuration property
Default:	false
Component:	(SYSTEM) commons.web.security.cors
Requirement:	Restart after modification
Security critical category:	WEB
See:	“Configure Cross-Origin Resource Sharing” in SAS Viya Platform: Authentication “About This Dictionary ” on page 17

Details

These set of properties are used to configure how the server responds to cross-origin resource sharing (CORS) requests. By default, CORS is not enabled.

For more information about CORS, see [CORS support in Spring Framework](#).

commons.web.security.cors - allowedHeaders

The comma-separated list of HTTP headers that a pre-flight request can list as allowed for use during an actual request.

Valid in:	sas.commons.web.security.cors configuration definition
Type:	SAS Viya configuration property
Default:	*
Component:	(SYSTEM) commons.web.security.cors
Requirement:	Restart after modification
Security critical category:	WEB
See:	“Configure Cross-Origin Resource Sharing” in SAS Viya Platform: Authentication “About This Dictionary ” on page 17

Details

The special value `''` allows actual requests to send any header, but `''` cannot be used when `allowCredentials` is set to `true`.

These set of properties are used to configure how the server responds to cross-origin resource sharing (CORS) requests. By default, CORS is not enabled.

For more information about CORS, see [CORS support in Spring Framework](#).

commons.web.security.cors - allowedMethods

The comma-separated list of HTTP methods that are allowed by default in cross-origin requests (CORS).

Valid in:	sas.commons.web.security.cors configuration definition
Type:	SAS Viya configuration property
Default:	HEAD, GET
Component:	(SYSTEM) commons.web.security.cors
Requirement:	Restart after modification
Security critical category:	WEB
See:	“Configure Cross-Origin Resource Sharing” in SAS Viya Platform: Authentication “About This Dictionary ” on page 17

Details

The special value `''` allows all methods.

These set of properties are used to configure how the server responds to cross-origin resource sharing (CORS) requests. By default, CORS is not enabled.

For more information about CORS, see [CORS support in Spring Framework](#).

commons.web.security.cors - allowedOrigins

The comma-separated list of origins that are allowed by default. See Details.

Valid in:	<code>sas.commons.web.security.cors</code> configuration definition
Type:	SAS Viya configuration property
Default:	-
Component:	(SYSTEM) <code>commons.web.security.cors</code>
Requirement:	Restart after modification
Security critical category:	WEB
See:	“Configure Cross-Origin Resource Sharing” in SAS Viya Platform: Authentication

Details

The `allowedOrigins` property of the `sas.commons.web.security.cors` definition controls which browser origins are permitted to make cross-origin resource sharing (CORS) requests to the SAS Viya platform. By default, CORS is not enabled. SAS Viya platform allows only same-origin requests.

You must add an origin to `allowedOrigins` whenever the origin header (scheme, host, and port) that the browser presents differs from the origin that SAS perceives for itself. Standard access at the deployment's configured ingress host is: `[same-origin]` (<https://developer.mozilla.org/en-US/docs/Glossary/origin>). Therefore, a default deployment requires no CORS configuration.

Setting `INGRESS_HOST` or `SAS_SERVICES_URL` **does not** populate the `allowedOrigins` field. A correctly configured ingress host only avoids CORS by keeping standard web-application requests same-origin.

Note: Non-WebSocket browser CORS and WebSocket Origin checking both use `allowedOrigins`. But they fail for different reasons. Browser CORS produces a console error similar to the following: *No 'Access-Control-Allow-Origin' header is present.* A WebSocket upgrade is enforced on the server and is rejected with *HTTP 403* with the following log message: *Handshake request rejected, Origin header value [] not allowed.*

For more information about CORS, see [CORS support in Spring Framework](#).

commons.web.security.cors - maxAge

The duration of time in seconds that the response from a pre-flight request can be cached by clients.

Valid in:	sas.commons.web.security.cors configuration definition
Type:	SAS Viya configuration property
Default:	-
Component:	(SYSTEM) commons.web.security.cors
Requirement:	Restart after modification
See:	“Configure Cross-Origin Resource Sharing” in SAS Viya Platform: Authentication “About This Dictionary ” on page 17

Details

By default, the SAS Viya platform allows only same-origin requests.

These sets of properties are used to configure how the server responds to cross-origin resource sharing (CORS) requests. By default, CORS is not enabled.

For more information about CORS, see [CORS support in Spring Framework](#).

commons.web.security.csrf -

See details.

Valid in:	sas.commons.web.security.csrf configuration definition
Type:	SAS Viya configuration property
Default:	
Component:	(SYSTEM) commons.web.security.csrf
Security critical category:	WEB
See:	“About This Dictionary ” on page 17

Details

The **sas.commons.web.security.csrf** properties are used to configure Cross-Site Request Forgery (CSRF) security. By default, CSRF is enabled.

SAS Viya protects against CSRF using the following:

- Synchronizer Tokens: Randomly generated tokens that are associated with the user's current session. CSRF is checked only on requests with authenticated sessions and is always skipped on GET, HEAD, TRACE, and OPTIONS requests. For more information, see Cross-Site Request Forgery (CSRF) Prevention Cheat Sheet.
- Header Checking: A filter that checks that the HTTP Referer header has the host and port of the requested URI or matches an optional allowlist of URIs that is configured as a comma-separated list in the `sas.common.web.security.csrf.allowedUris` property.

To disable it, see [“sas.common.web.security.csrf” in SAS Viya Platform: Configuration Properties](#). To disable it, see

See Also

<https://docs.spring.io/spring-boot/docs/current/reference/html/common-application-properties.html>

commons.web.security.csrf - allowedUris

The comma-separated list of referer URIs that are allowed by default. The list must contain regular expressions.

Valid in:	sas.common.web.security.csrf configuration definition
Type:	SAS Viya configuration property
Default:	-
Component:	(SYSTEM) commons.web.security.csrf
Security critical category:	WEB
See:	“About This Dictionary ” on page 17

compute - domain.default

The default authentication domain to use for looking up host credentials.

Valid in:	sas.compute configuration definition
Type:	SAS Viya configuration property (global)
Default:	DefaultAuth
Component:	(GLOBAL) compute

Security critical category: AUTHENTICATION

See: [“About This Dictionary ” on page 17](#)

compute - kerberos.enabled

Specifies whether compute servers authenticate using Kerberos.

Valid in: sas.compute configuration definition
 Type: SAS Viya configuration property (global)
 Default: **false**
 Component: (GLOBAL) compute
 Security critical category: AUTHENTICATION
 See: [“About This Dictionary ” on page 17](#)

compute - serviceAccount.default

Specifies the default service account that is used to run jobs on the host.

Valid in: sas.compute configuration definition
 Type: SAS Viya configuration property (global)
 Default: -
 Component: (GLOBAL) compute
 See: [“About This Dictionary ” on page 17](#)

compute.server - autoexec_code - contents

The contents of this configuration instance.

Valid in: sas.compute.server configuration definition
 Type: SAS Viya configuration property
 Default: (see details)
 Component: compute
 Security critical category: CONFIGURATION MANAGEMENT
 See: [“About This Dictionary ” on page 17](#)

Details

The default value is:

```
/* * This configuration instance contains SAS code to be executed at the startup of the Compute
```

The Compute Service enables clients to submit SAS programs and stored procedures in the form of jobs for processing by the SAS Compute server.

For information about these properties, see [“Configuration Instances: Compute Service”](#) in *SAS Viya Platform: Programming Run-Time Servers*.

compute.server - autoexec_code - name

The name of this configuration instance.

Valid in:	sas.compute.server configuration definition
Type:	SAS Viya configuration property
Default:	autoexec_code
Component:	compute
See:	“About This Dictionary ” on page 17

Details

Do not change the name of this configuration instance unless instructed to do so by SAS Technical Support.

The Compute Service enables clients to submit SAS programs and stored procedures in the form of jobs for processing by the SAS Compute server.

For information about these properties, see [“Configuration Instances: Compute Service”](#) in *SAS Viya Platform: Programming Run-Time Servers*.

compute.server - configuration_options - contents

The contents of this configuration instance.

Valid in:	sas.compute.server configuration definition
Type:	SAS Viya configuration property
Default:	(see details)
Component:	compute
Security critical category:	CONFIGURATION MANAGEMENT

See: [“About This Dictionary ” on page 17](#)

Details

The default value is:

```
/* * This configuration instance contains SAS configuration options to be processed during the
```

The Compute Service enables clients to submit SAS programs and stored procedures in the form of jobs for processing by the SAS Compute server.

For information about these properties, see [“Configuration Instances: Compute Service” in SAS Viya Platform: Programming Run-Time Servers](#).

compute.server - configuration_options - name

The name of this configuration instance.

Valid in: sas.compute.server configuration definition

Type: SAS Viya configuration property

Default: **configuration_options**

Component: compute

See: [“About This Dictionary ” on page 17](#)

Details

Do not change the name of this configuration instance unless instructed to do so by SAS Technical Support.

The Compute Service enables clients to submit SAS programs and stored procedures in the form of jobs for processing by the SAS Compute server.

For information about these properties, see [“Configuration Instances: Compute Service” in SAS Viya Platform: Programming Run-Time Servers](#).

compute.server - logconfig - contents

The contents of this configuration instance.

Valid in: sas.compute.server configuration definition

Type: SAS Viya configuration property

Default: (see details)

Component:	compute
Security critical category:	CONFIGURATION MANAGEMENT
See:	“About This Dictionary ” on page 17

Details

The default value is:

```
<?xml version="1.0"?> <log4sas:configuration xmlns:log4sas="http://www.sas.com/rnd/Log4SAS/"> <
```

The Compute Service enables clients to submit SAS programs and stored procedures in the form of jobs for processing by the SAS Compute server.

For information about these properties, see [“Configuration Instances: Compute Service” in SAS Viya Platform: Programming Run-Time Servers](#).

compute.server - logconfig - name

The name of this configuration instance.

Valid in:	sas.compute.server configuration definition
Type:	SAS Viya configuration property
Default:	logconfig
Component:	compute
See:	“About This Dictionary ” on page 17

Details

Do not change the name of this configuration instance unless instructed to do so by SAS Technical Support.

The Compute Service enables clients to submit SAS programs and stored procedures in the form of jobs for processing by the SAS Compute server.

For information about these properties, see [“Configuration Instances: Compute Service” in SAS Viya Platform: Programming Run-Time Servers](#).

compute.server - restricted_options - contents

The contents of this configuration instance.

Valid in:	sas.compute.server configuration definition
Type:	SAS Viya configuration property
Default:	(see details)
Component:	compute
Security critical category:	CONFIGURATION MANAGEMENT
See:	“About This Dictionary ” on page 17

Details

The default value is:

```
/* * This configuration instance contains SAS restricted options to be processed during the sta
```

The Compute Service enables clients to submit SAS programs and stored procedures in the form of jobs for processing by the SAS Compute server.

For information about these properties, see [“Configuration Instances: Compute Service” in SAS Viya Platform: Programming Run-Time Servers](#).

compute.server - restricted_options - name

The name of this configuration instance.

Valid in:	sas.compute.server configuration definition
Type:	SAS Viya configuration property
Default:	restricted_options
Component:	compute
See:	“About This Dictionary ” on page 17

Details

Do not change the name of this configuration instance unless instructed to do so by SAS Technical Support.

The Compute Service enables clients to submit SAS programs and stored procedures in the form of jobs for processing by the SAS Compute server.

For information about these properties, see [“Configuration Instances: Compute Service” in SAS Viya Platform: Programming Run-Time Servers](#).

compute.server - startup_commands - contents

The contents of this configuration instance.

Valid in:	sas.compute.server configuration definition
Type:	SAS Viya configuration property
Default:	(see details)
Component:	compute
Security critical category:	CONFIGURATION MANAGEMENT
See:	“About This Dictionary ” on page 17

Details

The default value is:

```
#!/bin/bash -p
```

```
# #This configuration instance contains environment variables and other commands to be set or e
```

```
# #This content can only be edited in SAS Environment Manager.
```

```
#For more information, search for "Edit Configuration Instances" in the "Programming Runtime Se
```

The Compute Service enables clients to submit SAS programs and stored procedures in the form of jobs for processing by the SAS Compute server.

For information about these properties, see [“Configuration Instances: Compute Service” in SAS Viya Platform: Programming Run-Time Servers](#).

compute.server - startup_commands - name

The name of this configuration instance.

Valid in:	sas.compute.server configuration definition
Type:	SAS Viya configuration property
Default:	startup_commands
Component:	compute
See:	“About This Dictionary ” on page 17

Details

Do not change the name of this configuration instance unless instructed to do so by SAS Technical Support.

The Compute Service enables clients to submit SAS programs and stored procedures in the form of jobs for processing by the SAS Compute server.

For information about these properties, see [“Configuration Instances: Compute Service” in SAS Viya Platform: Programming Run-Time Servers](#).

compute.service - jobExecutionServiceProvider - omitSessionResults

Specifies whether the Compute job's results are saved.

Valid in:	sas.compute.service configuration definition
Type:	SAS Viya configuration property
Default:	see details
Component:	compute
See:	“Control the Compute Provider Functionality That Saves Results from Job Requests” in SAS Viya Platform: Jobs and Flows

Details

The jobExecutionServiceProvider includes the set of properties that are used to configure how the Compute service runs jobs that it receives from the Job Execution Service.

In releases 2024.11, 2024.12 and 2025.01, this configuration definition has to be explicitly added using SAS Environment Manager or by using SAS Viya CLI plug-in. For details, see [“Create Configuration Instances” in SAS Environment Manager: User's Guide](#).

Note: If the omitSessionResults configuration property is not defined and the job does not specify the _omitSessionResults argument, then the Compute Provider saves the result of the job. If the job specifies the _omitSessionResults argument, then the value of the argument is used instead of the value of omitSessionResults configuration property if it is defined.

connect.server - autoexec_code - contents (batch)

The contents of this configuration instance.

Valid in:	sas.connect.server configuration definition
Type:	SAS Viya configuration property
Default:	(see details)
Component:	connect-spawner-viya
Security critical category:	CONFIGURATION MANAGEMENT
See:	“SAS/CONNECT: Server, Spawner, Service, and Contexts” in SAS Viya Platform: Programming Run-Time Servers “About This Dictionary ” on page 17

Details

The default value is:

```
/* * This configuration instance contains SAS code to be executed at the startup of the Batch S
```

The SAS/CONNECT Spawner configures the SAS/CONNECT server. For more information, see [“SAS/CONNECT: Server, Spawner, Service, and Contexts” in SAS Viya Platform: Programming Run-Time Servers](#).

connect.server - autoexec_code - name (batch)

The name of this configuration instance.

Valid in:	sas.connect.server configuration definition
Type:	SAS Viya configuration property
Default:	autoexec_code
Component:	connect-spawner-viya
See:	“About This Dictionary ” on page 17

Details

Do not change the name of this configuration instance unless instructed to do so by SAS Technical Support.

The SAS/CONNECT Spawner configures the SAS/CONNECT server. For more information, see [“SAS/CONNECT: Server, Spawner, Service, and Contexts” in SAS Viya Platform: Programming Run-Time Servers](#).

connect.server - autoexec_code - contents

The contents of this configuration instance.

Valid in:	sas.connect.server configuration definition
Type:	SAS Viya configuration property
Default:	(see details)
Component:	connect-spawner-viya
Security critical category:	CONFIGURATION MANAGEMENT
See:	“SAS/CONNECT: Server, Spawner, Service, and Contexts” in SAS Viya Platform: Programming Run-Time Servers “About This Dictionary ” on page 17

Details

The default value is:

```
/* * This configuration instance contains SAS code to be executed at the startup of the Connect
*
* This content can only be edited in SAS Environment Manager.
*
* For more information, search for "Edit Configuration Instances" in the "Programming Runtime S
```

The SAS/CONNECT Spawner configures the SAS/CONNECT server. For more information, see [“SAS/CONNECT: Server, Spawner, Service, and Contexts” in SAS Viya Platform: Programming Run-Time Servers](#).

connect.server - autoexec_code - name

The name of this configuration instance.

Valid in:	sas.connect.server configuration definition
Type:	SAS Viya configuration property
Default:	autoexec_code
Component:	connect-spawner-viya
See:	“About This Dictionary ” on page 17

Details

Do not change the name of this configuration instance unless instructed to do so by SAS Technical Support.

The SAS/CONNECT Spawner configures the SAS/CONNECT server. For more information, see [“SAS/CONNECT: Server, Spawner, Service, and Contexts” in SAS Viya Platform: Programming Run-Time Servers](#).

connect.server - configuration_options - contents

The contents of this configuration instance.

Valid in:	sas.connect.server configuration definition
Type:	SAS Viya configuration property
Default:	(see details)
Component:	connect-spawner-viya
Security critical category:	CONFIGURATION MANAGEMENT
See:	“SAS/CONNECT: Server, Spawner, Service, and Contexts” in SAS Viya Platform: Programming Run-Time Servers “About This Dictionary ” on page 17

Details

The default value is:

```
/* * This configuration instance contains SAS configuration options to be processed during the
```

```
* This content can only be edited in SAS Environment Manager.
```

```
* For more information, search for "Edit Configuration Instances" in the "Programming Runtime S
```

The SAS/CONNECT Spawner configures the SAS/CONNECT server. For more information, see [“SAS/CONNECT: Server, Spawner, Service, and Contexts” in SAS Viya Platform: Programming Run-Time Servers](#).

connect.server - configuration_options - name

The name of this configuration instance.

Valid in:	sas.connect.server configuration definition
Type:	SAS Viya configuration property

Default: **configuration_options**

Component: connect-spawner-viya

See: [“About This Dictionary ” on page 17](#)

Details

Do not change the name of this configuration instance unless instructed to do so by SAS Technical Support.

The SAS/CONNECT Spawner configures the SAS/CONNECT server. For more information, see [“SAS/CONNECT: Server, Spawner, Service, and Contexts” in SAS Viya Platform: Programming Run-Time Servers](#).

connect.server - logconfig - contents

The contents of this configuration instance.

Valid in: sas.connect.server configuration definition

Type: SAS Viya configuration property

Default: (see details)

Component: connect-spawner-viya

Security critical category: CONFIGURATION MANAGEMENT

See: [“SAS/CONNECT: Server, Spawner, Service, and Contexts” in SAS Viya Platform: Programming Run-Time Servers](#)
[“About This Dictionary ” on page 17](#)

Details

The default value is:

```
<?xml version="1.0" encoding="UTF-8"?> <logging:configuration xmlns:logging="http://www.sas.com
```

The SAS/CONNECT Spawner configures the SAS/CONNECT server. For more information, see [“SAS/CONNECT: Server, Spawner, Service, and Contexts” in SAS Viya Platform: Programming Run-Time Servers](#).

connect.server - logconfig - name

The name of this configuration instance.

Valid in:	<code>sas.connect.server</code> configuration definition
Type:	SAS Viya configuration property
Default:	logconfig
Component:	connect-spawner-viya
See:	“About This Dictionary ” on page 17

Details

Do not change the name of this configuration instance unless instructed to do so by SAS Technical Support.

The SAS/CONNECT Spawner configures the SAS/CONNECT server. For more information, see [“SAS/CONNECT: Server, Spawner, Service, and Contexts” in SAS Viya Platform: Programming Run-Time Servers](#).

connect.server - restricted_options - contents

The contents of this configuration instance.

Valid in:	<code>sas.connect.server</code> configuration definition
Type:	SAS Viya configuration property
Default:	(see details)
Component:	connect-spawner-viya
Security critical category:	CONFIGURATION MANAGEMENT
See:	“SAS/CONNECT: Server, Spawner, Service, and Contexts” in SAS Viya Platform: Programming Run-Time Servers “About This Dictionary ” on page 17

Details

The default value is:

```
/* * This configuration instance contains SAS restricted options to be processed during the sta
```

```
* This content can only be edited in SAS Environment Manager.
```

```
* For more information, search for "Edit Configuration Instances" in the "Programming Runtime S
```

The SAS/CONNECT Spawner configures the SAS/CONNECT server. For more information, see [“SAS/CONNECT: Server, Spawner, Service, and Contexts” in SAS Viya Platform: Programming Run-Time Servers](#).

connect.server - restricted_options - name

The name of this configuration instance.

Valid in:	sas.connect.server configuration definition
Type:	SAS Viya configuration property
Default:	restricted_options
Component:	connect-spawner-viya
See:	“About This Dictionary ” on page 17

Details

Do not change the name of this configuration instance unless instructed to do so by SAS Technical Support.

The SAS/CONNECT Spawner configures the SAS/CONNECT server. For more information, see [“SAS/CONNECT: Server, Spawner, Service, and Contexts” in SAS Viya Platform: Programming Run-Time Servers](#).

connect.server - startup_commands - contents

The contents of this configuration instance.

Valid in:	sas.connect.server configuration definition
Type:	SAS Viya configuration property
Default:	(see details)
Component:	connect-spawner-viya
Security critical category:	CONFIGURATION MANAGEMENT
See:	“SAS/CONNECT: Server, Spawner, Service, and Contexts” in SAS Viya Platform: Programming Run-Time Servers “About This Dictionary ” on page 17

Details

The default value is:

```
#!/bin/bash -p
```

```
# # This configuration instance contains environment variables and other commands to be set or

# # This content can only be edited in SAS Environment Manager.

# For more information, search for "Edit Configuration Instances" in the "Programming Runtime S
```

The SAS/CONNECT Spawner configures the SAS/CONNECT server. For more information, see [“SAS/CONNECT: Server, Spawner, Service, and Contexts” in SAS Viya Platform: Programming Run-Time Servers](#).

connect.server - startup_commands - name

The name of this configuration instance.

Valid in: sas.connect.server configuration definition

Type: SAS Viya configuration property

Default: **startup_commands**

Component: connect-spawner-viya

See: [“About This Dictionary ” on page 17](#)

Details

Do not change the name of this configuration instance unless instructed to do so by SAS Technical Support.

The SAS/CONNECT Spawner configures the SAS/CONNECT server. For more information, see [“SAS/CONNECT: Server, Spawner, Service, and Contexts” in SAS Viya Platform: Programming Run-Time Servers](#).

connect.spawner - logconfig - contents

The contents of this configuration instance.

Valid in: sas.connect.server configuration definition

Type: SAS Viya configuration property

Default: (see details)

Component: connect-spawner-viya

Security critical category: CONFIGURATION MANAGEMENT

See: [“SAS/CONNECT: Server, Spawner, Service, and Contexts” in SAS Viya Platform: Programming Run-Time Servers](#)

[“About This Dictionary ” on page 17](#)

Details

The default value is:

```
<?xml version="1.0" encoding="UTF-8"?> <logging:configuration xmlns:logging="http://www.sas.com"/>
```

The SAS/CONNECT Spawner configures the SAS/CONNECT server. For more information, see [“SAS/CONNECT: Server, Spawner, Service, and Contexts” in SAS Viya Platform: Programming Run-Time Servers](#).

connect.spawner - logconfig - name

The name of this configuration instance.

Valid in:	sas.connect.server configuration definition
Type:	SAS Viya configuration property
Default:	logconfig
Component:	connect-spawner-viya
See:	“About This Dictionary ” on page 17

Details

Do not change the name of this configuration instance unless instructed to do so by SAS Technical Support.

The SAS/CONNECT Spawner configures the SAS/CONNECT server. For more information, see [“SAS/CONNECT: Server, Spawner, Service, and Contexts” in SAS Viya Platform: Programming Run-Time Servers](#).

connect.spawner - startup_commands - contents

The contents of this configuration instance.

Valid in:	sas.connect.spawner configuration definition
Type:	SAS Viya configuration property
Default:	(see details)
Component:	connect-spawner-viya

Security critical category: CONFIGURATION MANAGEMENT

See: [“SAS/CONNECT: Server, Spawner, Service, and Contexts” in SAS Viya Platform: Programming Run-Time Servers](#)
[“About This Dictionary ” on page 17](#)

Details

The default value is:

```
#!/bin/bash -p
```

```
# # This configuration instance contains environment variables and other commands to be set or
```

```
# USERMODS="-NOSCRIP" -nolocallaunch"
```

The SAS/CONNECT Spawner configures the SAS/CONNECT server. For more information, see [“SAS/CONNECT: Server, Spawner, Service, and Contexts” in SAS Viya Platform: Programming Run-Time Servers](#).

connect.spawner - startup_commands - name

The name of this configuration instance.

Valid in: sas.connect.spawner configuration definition

Type: SAS Viya configuration property

Default: **startup_commands**

Component: connect-spawner-viya

See: [“About This Dictionary ” on page 17](#)

Details

Do not change the name of this configuration instance unless instructed to do so by SAS Technical Support.

The SAS/CONNECT Spawner configures the SAS/CONNECT server. For more information, see [“SAS/CONNECT: Server, Spawner, Service, and Contexts” in SAS Viya Platform: Programming Run-Time Servers](#).

credentials.azure - keyVault

The key vault URI.

Valid in:	sas.credentials.azure configuration definition
Type:	SAS Viya configuration property
Default:	-
Component:	credentials
Security critical category:	AUTHENTICATION
See:	“About This Dictionary ” on page 17 “Support for External Credential Storage” in System Requirements for the SAS Viya Platform

Details

SAS Viya platform supports Azure Key Vault as a source of externally stored credentials for users and groups. When SAS services use an authentication domain that references an Azure Key Vault, the credentials service fetches the secret from Azure Key Vault. See [“Configure SAS Viya to Use External Credentials Stored in Azure Key Vault ” in SAS Viya Platform: External Credentials](#).

Note that you must configure single sign-on using OIDC with Microsoft Entra ID in order to enable the connection to the key vault. See [“Scenario: OIDC with Microsoft Entra ID” in SAS Viya Platform: Authentication](#).

credentials.azure - name

Name of the secret in the key vault.

Valid in:	sas.credentials.azure configuration definition
Type:	SAS Viya configuration property
Default:	-
Component:	credentials
Security critical category:	AUTHENTICATION
See:	“About This Dictionary ” on page 17 “Support for External Credential Storage” in System Requirements for the SAS Viya Platform

Details

This will become the name of the credential domain in Viya. Secret names can only contain alphanumeric characters and dashes. Do not exceed 100 characters in length.

See [“Configure SAS Viya to Use External Credentials Stored in Azure Key Vault ” in SAS Viya Platform: External Credentials.](#)

SAS Viya platform supports Azure Key Vault as a source of externally stored credentials for users and groups. When SAS services use an authentication domain that references an Azure Key Vault, the credentials service fetches the secret from Azure Key Vault. Note that you must configure single sign-on using OIDC with Microsoft Entra ID in order to enable the connection to the key vault. See [“Scenario: OIDC with Microsoft Entra ID” in SAS Viya Platform: Authentication.](#)

crossdomainproxy - Cross Domain Proxy service

The Cross Domain Proxy service provides access to external web resources over HTTP.

Valid in:	sas.crossdomainproxy configuration definition
Type:	SAS Viya configuration property
Component:	cross-domain proxy service
Security critical category:	WEB
See:	“About This Dictionary ” on page 17

crossdomainproxy - allowedDomains

The list of domains (an allowlist) that the cross-domain proxy can access.

Valid in:	sas.crossdomainproxy configuration definition
Type:	SAS Viya configuration property
Default:	-
Component:	cross-domain proxy service
Security critical category:	WEB
See:	“About This Dictionary ” on page 17

Details

The value is a regular expression.

Use the Or character (|) to separate multiple domains. Here is an example:

```
https?://.*\.sas\.com(:\d+)?/|https?://.*\.foo\.bar\.org
```

SAS recommends that you escape dot (.) characters in regular expressions with a slash (\) (for example, *\.sas\.com). Also, add a trailing forward slash (/) with each domain (for example, *\\.sas\\.com/).

The cross domain proxy service provides access to external web resources over HTTP.

crossdomainproxy - allowSystemDomains

Enables the list of trusted domains (if any) required by SAS.

Valid in:	sas.crossdomainproxy configuration definition
Type:	SAS Viya configuration property
Default:	true
Component:	cross-domain proxy service
Security critical category:	WEB
See:	“About This Dictionary ” on page 17

Details

Certain SAS features are disabled if the cross-domain proxy is denied access to one or more of the following domains:

```
https?://.*\.sas\.com(:\d+)?/|https?://.*\.arcgis\.com/|https?://.*\.arcgisonline\.com/
```

SAS recommends that you escape dot (.) characters in regular expressions with a slash (\) (for example, *\.sas\.com). Also, add a trailing forward slash (/) with each domain (for example, *\\.sas\\.com/).

The cross domain proxy service provides access to external web resources over HTTP.

crossdomainproxy.system - excludeRequestHeaders

The list of header names (a denylist) that the cross-domain proxy excludes from requests sent to a destination URL.

Valid in:	sas.crossdomainproxy configuration definition
Type:	SAS Viya configuration property
Default:	-
Component:	cross-domain proxy service
Security critical category:	WEB
See:	“About This Dictionary ” on page 17

Details

The value is a regular expression.

Use the OR operator (|) to separate multiple header names (for example, cookie|Authorization).

crossdomainproxy.system - outboundHttpProxyUrl

The proxy that is used for outgoing HTTP requests.

Valid in:	sas.crossdomainproxy configuration definition
Type:	SAS Viya configuration property
Default:	-
Component:	cross-domain proxy service
Security critical category:	WEB
See:	“About This Dictionary ” on page 17

Details

This value must be a complete URL (for example, <http://proxy.domain.com>).

crossdomainproxy.system - outboundHttpsProxyUrl

The proxy that is used for outgoing HTTPS requests.

Valid in:	sas.crossdomainproxy configuration definition
Type:	SAS Viya configuration property
Default:	-
Component:	cross-domain proxy service
Security critical category:	WEB
See:	“About This Dictionary ” on page 17

Details

This value must be a complete URL (for example, <https://proxy.domain.com:3343>).

You can apply the same value for outboundHttpProxyUrl and outboundHttpsProxyUrl.

dataexplorer - casSessionImportNumNodes

The number of nodes on which to start up CAS sessions when running import jobs (0 is all nodes).

Valid in:	sas.dataexplorer configuration definition
Type:	SAS Viya configuration property
Default:	0
Component:	SAS Data Explorer
See:	“About This Dictionary ” on page 17

data explorer - casSessionInteractiveNumNodes

The number of nodes on which to start up CAS sessions used for browsing data sources (0 is all nodes).

Valid in:	sas.dataexplorer configuration definition
-----------	---

Type:	SAS Viya configuration property
Default:	20
Component:	SAS Data Explorer
See:	“About This Dictionary ” on page 17

dataexplorer - filterAvailableTab

Specifies whether the display of available caslibs should include only loaded tables from the default caslib.

Valid in:	sas.dataexplorer configuration definition
Type:	SAS Viya configuration property
Default:	false
Component:	SAS Data Explorer
See:	“About This Dictionary ” on page 17

dataexplorer - filterAvailableTabByCaslibList

Specifies whether the filter that is specified in the filterAvailableTabCaslibList property is in effect.

Valid in:	sas.dataexplorer configuration definition
Type:	SAS Viya configuration property
Default:	false
Component:	SAS Data Explorer
See:	“About This Dictionary ” on page 17

Details

Includes users' personal caslibs in the filter.

dataexplorer - filterAvailableTabCaslibList

Specifies which caslibs are included in the display of available caslibs when the filterAvailableTabByCaslibList property is set to **true**.

Valid in:	sas.dataexplorer configuration definition
Type:	SAS Viya configuration property

Default: -

Component: SAS Data Explorer

See: [“About This Dictionary ” on page 17](#)

Details

Specify the value as a comma-delimited string.

Use the format *cas-server/caslib* to identify each caslib.

Use two consecutive commas to escape any comma in a *server/library* name.

dataexplorer - job-execution-provider

Configurable values for the SAS Data Explorer job execution provider job.

Valid in: sas.dataexplorer configuration definition

Type: SAS Viya configuration property

Default: -

Component: SAS Data Explorer

See: [“About This Dictionary ” on page 17](#)

dataexplorer - heartbeatInterval

The heartbeat value (in seconds) to use with jobs executed by this service.

Valid in: sas.dataexplorer configuration definition

Type: SAS Viya configuration property

Default: 300

Component: SAS Data Explorer

See: [“About This Dictionary ” on page 17](#)

Details

A zero or negative value means that the heartbeat is not checked.

dataexplorer - scheduledJobExpiresAfter

The amount of time after a scheduled job completion before the job execution service deletes the job.

Valid in:	<code>sas.dataexplorer</code> configuration definition
Type:	SAS Viya configuration property
Default:	-
Component:	SAS Data Explorer
See:	“About This Dictionary ” on page 17

Details

Specify time in W3C XML duration format (for example, PT5M = 5 minutes).

A null value indicates that job is not deleted.

dataexplorer - maxImageResolution

Maximum image resolution (in pixels) allowed for uploaded images.

Valid in:	<code>sas.dataexplorer</code> configuration definition
Type:	SAS Viya configuration property
Default:	16000000
Component:	SAS Data Explorer
See:	“About This Dictionary ” on page 17

Details

If set to 0 or a negative value, the default resolution limit will be applied.

dataexplorer - maxImportQueueSize

The maximum number of items that can be submitted in a single import.

Valid in:	<code>sas.dataexplorer</code> configuration definition
-----------	--

Type: SAS Viya configuration property
Default: 100
Component: SAS Data Explorer
See: [“About This Dictionary ” on page 17](#)

dataexplorer - maxTablePageSize

The maximum number of loaded or unloaded tables per caslib to return to the application.

Valid in: sas.dataexplorer configuration definition
Type: SAS Viya configuration property
Default: 10,000
Component: SAS Data Explorer
See: [“About This Dictionary ” on page 17](#)

dataexplorer - useBatchedQueryForAvailableTab

Specifies whether SAS Data Explorer should use a single batched query instead of multiple parallel queries to populate the **Available** tab.

Valid in: sas.dataexplorer configuration definition
Type: SAS Viya configuration property
Default: true
Component: SAS Data Explorer
See: [“About This Dictionary ” on page 17](#)

data.flows - allowedStepLinks

The list of domains that are available for SAS Studio custom steps.

Valid in: sas.data.flows configuration definition
Type: SAS Viya configuration property
Default: (not set)
Component: Data Flow service
See: [“About This Dictionary ” on page 17](#)

Details

Supported domains include https://, file://, vscode://, and so on. Javascript is not supported. The value of the link is a regular expression. Use the OR character (|) to separate multiple domains (for example, ^https?:\\(?:.+\\.)?sas\\.com(?:\\d+)?(?:\\.|^file:\\\\filenamepath\\\\.+)).

data.flows - defaultTableSource

Default libname for output tables.

Valid in:	sas.data.flows configuration definition
Type:	SAS Viya configuration property
Default:	WORK
Component:	Data Flow service
See:	“About This Dictionary ” on page 17

data.flows - diagnosticEnabled

Enables low volume diagnostic logging at Info level.

Valid in:	sas.data.flows configuration definition
Type:	SAS Viya configuration property
Default:	false
Component:	Data Flow service
See:	“About This Dictionary ” on page 17

data.flows - surrogateKeyOrderEnabled

Enables the Implement SCD Step to assign surrogate keys in ascending order according to the ascending sort order of the business keys.

Valid in:	sas.data.flows configuration definition
Type:	SAS Viya configuration property
Default:	false
Component:	Data Flow service
See:	“About This Dictionary ” on page 17

data.flows - tempTableSource

Libname for generated temp tables.

Valid in:	<code>sas.data.flows</code> configuration definition
Type:	SAS Viya configuration property
Default:	WORK
Component:	Data Flow service
See:	“About This Dictionary ” on page 17

data.governance.search.properties -

The SAS Data Governance service contains general administrative properties for SAS Data Governance.

Valid in:	<code>sas.data.governance.search.properties</code> configuration definition
Type:	SAS Viya configuration property
Component:	SAS Data Governance
See:	“Configuration Properties for SAS Data Governance” in <i>SAS Data Governance: Administrator's Guide</i>

datamanagement - columnMetadataLimit

The maximum number of columns that are rendered in the application interface.

Valid in:	<code>sas.datamanagement</code> configuration definition
Type:	SAS Viya configuration property
Default:	4,100
Component:	SAS Data Explorer
See:	“About This Dictionary ” on page 17

dataminingriskmodels.properties - compute.job.wait.time

Time (seconds) to wait for a compute job to complete.

Valid in:	<code>sas.dataminingriskmodels.properties</code> configuration definition
Type:	SAS Viya configuration property
Default:	30
Component:	Data Mining Risk Models service
See:	“About This Dictionary ” on page 17

datasources - allowAsyncJobExecutions

Indicates whether connection jobs should be run asynchronously for performance.

Valid in:	<code>sas.datasources</code> configuration definition
Type:	SAS Viya configuration property
Default:	false
Component:	<code>datasources</code>
See:	“About This Dictionary ” on page 17

datasources - allowSharedConnections

Indicates whether connections should be shared by default or readable by all users.

Valid in:	<code>sas.datasources</code> configuration definition
Type:	SAS Viya configuration property
Default:	false
Component:	<code>datasources</code>
See:	“About This Dictionary ” on page 17

Details

Note: Starting with 2026.04, the default value for this property has changed to `false`. This signifies that a user cannot see other users' connections to data. This affects session connections only.

The SAS Administrators group is exempt from this policy.

For users to view shared connections between users, an administrator must change this property to `true`. (This was the behavior prior to 2026.02.)

To modify this configuration option, use the following steps:

- 1 Open the **Configuration** page of SAS Environment Manager.

Note: Only members of the SAS Administrators group can view and modify properties on the **Configuration** page of SAS Environment Manager.

- 2 Select **Definitions** from the drop-down list.
- 3 Enter `sas.datasources` in the search filter and highlight the definition. (Or, navigate to the `sas.datasources` definition.)
- 4 Click  next to `datasources` configuration.
- 5 In the Edit `sas.datasources` Configuration window, click the slide bar from off to on.
- 6 Click **Save**.
- 7 The `datasources` service pod automatically restarts when the change is saved. The change is effective once the pod is started.

Note: When this property is set to `true`, the system adds back the connection-sharing authorization rules.

decisions -

Properties for Decisions service. See SAS Intelligent Decisioning documentation.

Valid in: `sas.decisions` configuration definition

Type: SAS Viya configuration property

Components: `decisions`, `decisionsFramework`

See: [“Decisions Service Properties” in SAS Intelligent Decisioning: Administrator's Guide.](#)

decisions.checkout -

Properties for Decisions service. See SAS Intelligent Decisioning documentation.

Valid in:	<code>sas.decisions.checkout</code> configuration definition
Type:	SAS Viya configuration property
Components:	<code>decisions</code> , <code>decisionsFramework</code>
See:	“Decisions Service Properties” in SAS Intelligent Decisioning: Administrator's Guide.

decisions.codefiles -

Configurable properties for Decisions service. See SAS Intelligent Decisioning documentation.

Valid in:	<code>sas.decisions.codefiles</code> configuration definition
Type:	SAS Viya configuration property
Components:	<code>decisions</code> , <code>decisionsFramework</code>
See:	“Decisions Service Properties” in SAS Intelligent Decisioning: Administrator's Guide.

decisions.masnode -

Configurable properties for Decisions service. See SAS Intelligent Decisioning documentation.

Valid in:	<code>sas.decisions.masnode</code> configuration definition
Type:	SAS Viya configuration property
Components:	<code>decisions</code> , <code>decisionsFramework</code>
See:	“Decisions Service Properties” in SAS Intelligent Decisioning: Administrator's Guide.

decisions.nodetraces -

Configurable properties for Decisions service. See SAS Intelligent Decisioning documentation.

Valid in:	<code>sas.decisions.nodetraces</code> configuration definition
Type:	SAS Viya configuration property
Components:	<code>decisions</code> , <code>decisionsFramework</code>
See:	“Decisions Service Properties” in SAS Intelligent Decisioning: Administrator's Guide.

decisions.restapidefinition -

Properties for Decisions service. See SAS Intelligent Decisioning documentation.

Valid in:	<code>sas.decisions.restapidefinition</code> configuration definition
Type:	SAS Viya configuration property
Components:	<code>decisions</code> , <code>decisionsFramework</code>
See:	“Decisions Service Properties” in SAS Intelligent Decisioning: Administrator's Guide.

decisions.restapidefinition.checkout -

Properties for Decisions service. See SAS Intelligent Decisioning documentation.

Valid in:	<code>sas.decisions.restapidefinition.checkout</code> configuration definition
Type:	SAS Viya configuration property
Components:	<code>decisions</code> , <code>decisionsFramework</code>
See:	“Decisions Service Properties” in SAS Intelligent Decisioning: Administrator's Guide.

decisions.segmentationtrees -

Properties for Decisions service. See SAS Intelligent Decisioning documentation.

Valid in:	<code>sas.decisions.segmentationtrees</code> configuration definition
Type:	SAS Viya configuration property
Components:	<code>decisions</code> , <code>decisionsFramework</code>
See:	“Decisions Service Properties” in SAS Intelligent Decisioning: Administrator's Guide.

decisions.segmentationtrees.checkout -

Properties for Decisions service. See SAS Intelligent Decisioning documentation.

Valid in:	<code>sas.decisions.segmentationtrees.checkout</code> configuration definition
Type:	SAS Viya configuration property
Components:	<code>decisions</code> , <code>decisionsFramework</code>
See:	“Decisions Service Properties” in SAS Intelligent Decisioning: Administrator's Guide.

decisions.variable.length -

Properties for Decisions service. See SAS Intelligent Decisioning documentation.

Valid in:	<code>sas.decisions.variable.length</code> configuration definition
Type:	SAS Viya configuration property
Components:	<code>decisions</code> , <code>decisionsFramework</code>
See:	“Decisions Service Properties” in SAS Intelligent Decisioning: Administrator’s Guide.

decisions.workflow -

Properties for Decisions service. See SAS Intelligent Decisioning documentation. This property is deprecated.

Valid in:	<code>sas.decisions.workflow</code> configuration definition
Type:	SAS Viya configuration property
Components:	<code>decisions</code> , <code>decisionsFramework</code>
See:	“Decisions Service Properties” in SAS Intelligent Decisioning: Administrator’s Guide.

subjectcontacts.datagrid -

Properties for Decisions service. See SAS Intelligent Decisioning documentation.

Valid in:	<code>sas.subjectcontacts.datagrid</code> configuration definition
Type:	SAS Viya configuration property
Components:	<code>decisions</code> , <code>decisionsFramework</code>
See:	“Decisions Service Properties” in SAS Intelligent Decisioning: Administrator’s Guide.

treatmentdefinitions.datagrid -

Properties for Decisions service and Treatment Definition service. See SAS Intelligent Decisioning documentation.

Valid in:	<code>sas.treatmentdefinitions.datagrid</code> configuration definition
Type:	SAS Viya configuration property
Component:	<code>decisions</code>

See: [“Decisions Service Properties” in SAS Intelligent Decisioning: Administrator's Guide.](#)

endpoints

The set of properties that are used to configure Spring Actuator endpoints.

Valid in: endpoints configuration definition
Type: SAS Viya configuration property
Default:
Component: (SYSTEM) spring

Details

This is a Spring Boot property.

The `endpoints` definition is a special system definition that does not have a list of individual properties and type constraints. The `allowUserProperties` is set to `true`, which allows for properties and values to be entered. The values for these keys must be expressed as strings and enclosed in quotation marks. However, if you use SAS Environment Manager to add or modify the values for a property, quotation marks are automatically added by the interface when you save the changes.

See Also

[Spring Boot Properties](#)

esri.client - geocodeBaseUri

The arcgis geocode base url.

Valid in: sas.esri.client configuration definition
Type: SAS Viya configuration property
Alias: Geo Enrichment service
Default: `https://geocode.arcgis.com`
Component: geoEnrichment
See: [“About This Dictionary ” on page 17](#)

esri.client - geoenrichBaseUri

The arcgis geoenrich base url.

Valid in:	<code>sas.esri.client</code> configuration definition
Type:	SAS Viya configuration property
Alias:	Geo Enrichment service
Default:	<code>https://geoenrich.arcgis.com</code>
Component:	geoEnrichment
See:	“About This Dictionary ” on page 17

fermi -

The Fermi service is an event-driven scheduling and execution engine.

Valid in:	<code>sas.fermi</code> configuration definition
Type:	SAS Viya configuration property
Default:	1
Component:	fermi
See:	“About This Dictionary ” on page 17

Details

Fast Execution Resource Management Infrastructure (FERMI), is an event-driven scheduling and execution engine designed to run large, complex DAG-based flows with high performance, traceability, and fault tolerance. Its purpose is to enable users to do the following:

- Define flows made of tasks, subflows, parameters, and data relationships.
- Schedule and execute tasks with dependency resolution, parallel execution, and task or state tracking.
- Debug flows, including viewing logs, code, inputs/outputs, and execution diagrams.
- Autoscale execution resources dynamically based on real-time workload demand.

fermi - contextActivationAttemptWaitTime

Period in seconds to wait for context activation to be recognized by the scheduler.

Valid in:	sas.fermi configuration definition
Type:	SAS Viya configuration property
Default:	1
Component:	fermi
See:	“About This Dictionary ” on page 17

fermi - contextScaler.enabled

Enable scaling of context worker replicas.

Valid in:	sas.fermi configuration definition
Type:	SAS Viya configuration property
Default:	true
Component:	fermi
See:	“About This Dictionary ” on page 17

fermi - contextScalerMonitorCheck

Period in seconds to periodically check changes in the workload of a context.

Valid in:	sas.fermi configuration definition
Type:	SAS Viya configuration property
Default:	5
Component:	fermi
See:	“About This Dictionary ” on page 17

fermi - contextScalerMonitorSleep

Period in minutes to sleep when there is no workload on a context.

Valid in:	sas.fermi configuration definition
-----------	------------------------------------

Type: SAS Viya configuration property
Default: 480
Component: fermi
See: [“About This Dictionary ” on page 17](#)

fermi - contextScalerMonitorWindow

Period in seconds to determine the workload of a context queue.

Valid in: sas.fermi configuration definition
Type: SAS Viya configuration property
Default: 60
Component: fermi
See: [“About This Dictionary ” on page 17](#)

fermi - deployContextOnStartup.enabled

Enable deploying context on service startup. This requires context scaler to be enabled.

Valid in: sas.fermi configuration definition
Type: SAS Viya configuration property
Default: true
Component: fermi
See: [“About This Dictionary ” on page 17](#)

fermi - redisInsecureSkipVerify.enabled

Skip certificate verification for connection to redis server using TLS.

Valid in: sas.fermi configuration definition
Type: SAS Viya configuration property
Default: false
Component: fermi
See: [“About This Dictionary ” on page 17](#)

fermi - resolveRelativeDataPath.default

Default flag to resolve task run input, output data path (URI) to absolute path using data definition volume name.

Valid in:	sas.fermi configuration definition
Type:	SAS Viya configuration property
Default:	false
Component:	fermi
See:	“About This Dictionary ” on page 17

fermi - runGracefulCancellationTimeout

Period in seconds to wait for run cancellation to finish.

Valid in:	sas.fermi configuration definition
Type:	SAS Viya configuration property
Default:	30
Component:	fermi
See:	“About This Dictionary ” on page 17

fermi - runMaxRetries

Maximum number of run instance retries before worker reports failure.

Valid in:	sas.fermi configuration definition
Type:	SAS Viya configuration property
Default:	3
Component:	fermi
See:	“About This Dictionary ” on page 17

fermi - runTaskTimeout.default

Default timeout period in seconds for task run instance to complete.

Valid in: sas.fermi configuration definition
Type: SAS Viya configuration property
Default: 172800
Component: fermi
See: [“About This Dictionary ” on page 17](#)

fermi - runTimeout.default

Default timeout period in seconds for root run instance to complete.

Valid in: sas.fermi configuration definition
Type: SAS Viya configuration property
Default: 3600
Component: fermi
See: [“About This Dictionary ” on page 17](#)

fermi - runWorkspacePermission

Permission to use for creating run workspace.

Valid in: sas.fermi configuration definition
Type: SAS Viya configuration property
Default: 457
Component: fermi
See: [“About This Dictionary ” on page 17](#)

fermi - schedulerMessageBrokerPoolSize

Scheduler message broker pool size.

Valid in: sas.fermi configuration definition
Type: SAS Viya configuration property
Default: 150
Component: fermi
See: [“About This Dictionary ” on page 17](#)

Details

Use the following formula to get recommended value =
⌈ MEAN(NumberOfParallelRuns) * 1.5 ConnectionsPerRun ⌈.

fermi - workerLiveTTL

Period in seconds representing TTL between worker state updates.

Valid in: sas.fermi configuration definition
Type: SAS Viya configuration property
Default: 5
Component: fermi
See: [“About This Dictionary ” on page 17](#)

fermi - workerMessageBrokerPoolSize

Worker message broker pool size. Recommended value is 3.

Valid in: sas.fermi configuration definition
Type: SAS Viya configuration property
Default: 3
Component: fermi
See: [“About This Dictionary ” on page 17](#)

event - eventConsumerThreadPoolSize

Event consumer threads.

Valid in: sas.event configuration definition
Type: SAS Viya configuration property
Default: (see details)
Components: authorization, workflow, riskCirrusObjects
See: [“About This Dictionary ” on page 17](#)

Details

The default value is 3. However, the `sas.event` configuration definition is already configured for Workflow service and Risk Cirrus Business Objects service with a value of 5.

files - Files service

The Files service is documented in SAS Viya Platform: Files Service.

Valid in:	<code>sas.files</code> configuration definition
Type:	SAS Viya configuration property
Component:	files
Security critical category:	WEB
See:	Files Service

htmlcommons - blockCommentAttachments

Blocks users from viewing or adding attachments to comments.

Valid in:	<code>sas.htmlcommons</code> configuration definition
Type:	SAS Viya configuration property (global)
Default:	false
Component:	(GLOBAL) htmlcommons
Security critical category:	WEB
See:	“About This Dictionary ” on page 17

Details

The button for adding attachments, as well as any previously added attachments, are hidden from the user interface when this property is set to “true”.

Note: Initially, this property is not set, which has same effect as being set to **false**.

htmlcommons - blockedFileExtensions

The list of file extensions (a denylist) that the web applications are allowed to block.

Valid in:	sas.htmlcommons configuration definition
Type:	SAS Viya configuration property (global)
Default:	htm html
Component:	(GLOBAL) htmlcommons
Security critical category:	WEB
See:	“About This Dictionary ” on page 17

Details

The value is a regular expression. Use the OR character (|) to separate multiple values (for example, js|htm|html).

Here is an example of a more restrictive value:

```
htm|html|addinprocess.exe|addinprocess32.exe|addinutil.exe|aspnet_compiler.exe|bash.exe|bginfo.
```

htmlcommons - disableAutoOpenWhatsNew

Specifies whether to disable the automatic display of information about new and changed features.

Valid in:	sas.htmlcommons configuration definition
Type:	SAS Viya configuration property (global)
Default:	false
Component:	(GLOBAL) htmlcommons
See:	“About This Dictionary ” on page 17

Details

If set to **true**, this property disables the automatic display of the What's New window when the user opens the software for the first time after an application update.

Note: Initially, this property is not set, which has same effect as being set to **false**.

htmlcommons - disableWelcomeScreens

Specifies whether to disable the welcome screens in SAS web applications.

Valid in: sas.htmlcommons configuration definition
Type: SAS Viya configuration property (global)
Default: **false**
Component: (GLOBAL) htmlcommons
See: [“About This Dictionary ” on page 17](#)

Details

If set to **true**, this property disables the welcome screens in SAS web applications.

Note: Initially, this property is not set, which has same effect as being set to **false**.

htmlcommons - enablePWATimeout

Controls whether Progressive Web Application (PWA) time-out is enabled or disabled.

Valid in: sas.htmlcommons configuration definition
Type: SAS Viya configuration property (global)
Default: **false**
Component: (GLOBAL) htmlcommons
Security critical category: SESSION
See: [“About This Dictionary ” on page 17](#)

Details

If this property is not set or is set to **false**, the (PWA) time-out is disabled when running a stand-alone application. If this property is set to **true**, the (PWA) time-out is enabled when running a stand-alone application.

If you enable the time-out, then the PWA time-out uses the SAS Viya Web Application time-outs. See [“Set Time-Out Interval for SAS Viya Platform Web Applications” in SAS Environment Manager: User's Guide](#).

Note: Initially, this property is not set, which has same effect as being set to **false**.

The label for this property is **Enable PWA Timeout**.

htmlcommons - insecureViewingCommentAttachmentTypes

The list of file content types that are allowed to be uploaded and viewed in a non-secure sandbox iframe from the Comments Manager.

Valid in:	sas.htmlcommons configuration definition
Type:	SAS Viya configuration property (global)
Default:	(see details)
Component:	(GLOBAL) htmlcommons
Security critical category:	WEB
See:	“About This Dictionary ” on page 17

Details

The following default values are configured in the source code:

- application/msword
- application/vnd.openxmlformats-officedocument.wordprocessingml.document
- application/vnd.ms-powerpoint
- application/vnd.openxmlformats-officedocument.presentationml.presentation
- application/vnd.ms-excel application/vnd.openxmlformats-officedocument.spreadsheetml.sheet
- application/pdf

Note: Any virus content file or non-allowed domain-specific file is not allowed to view even if the file type is defined here.

Use the OR character (|) to separate multiple values. Here are examples of values that you can add: text/HTML | text/javascript | image/bmp | application/json | text/css | text/csv | image/gif | text/XML | image/png

This is a supplemental property. To add it, edit the Global configuration for sas.htmlcommons. Click + **Add property** at the bottom of the Edit sas.htmlcommons Configuration window.

identities - cache.cacheRefreshInterval

The interval used to refresh the identities cache.

Valid in:	sas.identities configuration definition
Type:	SAS Viya configuration property
Default:	12h
Component:	identities
See:	SAS Viya Platform: Identity Management “About This Dictionary ” on page 17

identities - cache.enabled

Enables caching of identities information.

Valid in:	sas.identities configuration definition
Type:	SAS Viya configuration property
Default:	true
Component:	identities
Security critical category:	IDENTITY INFORMATION
See:	SAS Viya Platform: Identity Management “About This Dictionary ” on page 17

identities - cache.providerPageLimit

The number of identities to process in a given request when loading the cache.

Valid in:	sas.identities configuration definition
Type:	SAS Viya configuration property
Default:	1,000
Component:	identities
See:	SAS Viya Platform: Identity Management “About This Dictionary ” on page 17

identities - defaultProvider

The default identities provider.

Valid in:	sas.identities configuration definition
Type:	SAS Viya configuration property
Default:	local
Component:	identities
Security critical category:	IDENTITY INFORMATION
See:	SAS Viya Platform: Identity Management "About This Dictionary " on page 17

identities - endpoints.secured.groups

When enabled, limits non-administrative users' Read access for groups.

Valid in:	sas.identities configuration definition
Type:	SAS Viya configuration property
Default:	false
Component:	identities
Security critical category:	IDENTITY INFORMATION
See:	SAS Viya Platform: Identity Management "About This Dictionary " on page 17

identities - endpoints.secured.members

When enabled, limits non-administrative users' Read access for group members.

Valid in:	sas.identities configuration definition
Type:	SAS Viya configuration property
Default:	false
Component:	identities
Security critical category:	IDENTITY INFORMATION

See: [SAS Viya Platform: Identity Management](#)
[“About This Dictionary ” on page 17](#)

identities - endpoints.secured.memberships

When enabled, limits non-administrative users' Read access for group and user memberships.

Valid in: sas.identities configuration definition

Type: SAS Viya configuration property

Default: **false**

Component: identities

Security critical
category: IDENTITY INFORMATION

See: [SAS Viya Platform: Identity Management](#)
[“About This Dictionary ” on page 17](#)

identities - endpoints.secured.users

When enabled, limits non-administrative users' Read access for other users.

Valid in: sas.identities configuration definition

Type: SAS Viya configuration property

Default: **false**

Component: identities

Security critical
category: IDENTITY INFORMATION

See: [SAS Viya Platform: Identity Management](#)
[“About This Dictionary ” on page 17](#)

identities - identifier.disableGids

When selected, disables the lookup and generation of GIDs for users and groups.

Valid in: sas.identities configuration definition

Type: SAS Viya configuration property

Default: **false**

Component: identities

See: [“How to Manage UIDs and GIDs with the Identities Service” in SAS Viya Platform: Identity Management](#)
[“About This Dictionary ” on page 17](#)

identities - identifier.disallowedUids

A comma delimited list of identifier uid values to disallow.

Valid in: sas.identities configuration definition
Type: SAS Viya configuration property
Default: **1001**
Component: identities
See: [“How to Manage UIDs and GIDs with the Identities Service” in SAS Viya Platform: Identity Management](#)
[“About This Dictionary ” on page 17](#)

Details

The default value, 1001, corresponds to the sas id.

identities - identifier.generateGids

When selected, generates GIDs for users and groups.

Valid in: sas.identities configuration definition
Type: SAS Viya configuration property
Default: **false**
Component: identities
Security critical category: IDENTITY INFORMATION
See: [“How to Manage UIDs and GIDs with the Identities Service” in SAS Viya Platform: Identity Management](#)
[“About This Dictionary ” on page 17](#)

identities - identifier.generateUids

When enabled, generates UIDs for users.

Valid in:	<code>sas.identities</code> configuration definition
Type:	SAS Viya configuration property
Default:	true
Component:	<code>identities</code>
Security critical category:	IDENTITY INFORMATION
See:	“How to Manage UIDs and GIDs with the Identities Service” in <i>SAS Viya Platform: Identity Management</i> “About This Dictionary ” on page 17

identities - identifier.homeDirectoryPrefix

The path prefix used to determine the home directory of the identifier.

Valid in:	<code>sas.identities</code> configuration definition
Type:	SAS Viya configuration property
Default:	-
Component:	<code>identities</code>
See:	SAS Viya Platform: Identity Management “About This Dictionary ” on page 17

identities.providers - ldap.enabled

Enables the LDAP identity provider.

Valid in:	<code>sas.identities.providers</code> configuration definition
Type:	SAS Viya configuration property
Default:	true
Component:	<code>identities</code>
Security critical category:	IDENTITY INFORMATION
See:	SAS Viya Platform: Identity Management “About This Dictionary ” on page 17

identities.providers - scim.enabled

Enables the SCIM identity provider.

Valid in:	sas.identities.providers configuration definition
Type:	SAS Viya configuration property
Default:	true
Component:	identities
Security critical category:	IDENTITY INFORMATION
See:	SAS Viya Platform: Identity Management “About This Dictionary ” on page 17

identities.providers - scim.FilterInactiveUsers

Enables filtering out of inactive users from the SCIM identity provider.

Valid in:	sas.identities.providers configuration definition
Type:	SAS Viya configuration property
Default:	true
Component:	identities
See:	SAS Viya Platform: Identity Management “About This Dictionary ” on page 17

identities.providers.ldap - followReferrals

Enables referrals to other servers or domains to be followed automatically.

Valid in:	sas.identities.providers.ldap configuration definition
Type:	SAS Viya configuration property
Default:	false
Component:	identities
Security critical category:	IDENTITY INFORMATION
See:	SAS Viya Platform: Identity Management “About This Dictionary ” on page 17

identities.providers.ldap - membershipCacheRefreshInterval

The interval (in hours) used to refresh the membership cache for the LDAP provider.

Valid in:	<code>sas.identities.providers.ldap</code> configuration definition
Type:	SAS Viya configuration property
Default:	6h
Component:	<code>identities</code>
See:	SAS Viya Platform: Identity Management “About This Dictionary ” on page 17

identities.providers.ldap - pagedResults

Enables pagination when the LDAP server processes requests.

Valid in:	<code>sas.identities.providers.ldap</code> configuration definition
Type:	SAS Viya configuration property
Default:	true
Component:	<code>identities</code>
See:	SAS Viya Platform: Identity Management “About This Dictionary ” on page 17

identities.providers.ldap - pageSize

The number of identity requests per page to be processed by the LDAP server (if pagination is enabled).

Valid in:	<code>sas.identities.providers.ldap</code> configuration definition
Type:	SAS Viya configuration property
Default:	500
Component:	<code>identities</code>
See:	SAS Viya Platform: Identity Management “About This Dictionary ” on page 17

identities.providers.ldap - primaryGroupMembershipsEnabled

Enables processing of primary group memberships (used only for posixGroup schema).

Valid in:	sas.identities.providers.ldap configuration definition
Type:	SAS Viya configuration property
Default:	false
Component:	identities
See:	SAS Viya Platform: Identity Management “About This Dictionary ” on page 17

identities.providers.ldap.connection - anonymousBind

Defines whether Read-Only operations are performed using an anonymous (unauthenticated) context.

Valid in:	sas.identities.providers.ldap.connection configuration definition
Type:	SAS Viya configuration property
Default:	false
Component:	identities
Security critical category:	IDENTITY INFORMATION
See:	SAS Viya Platform: Identity Management “About This Dictionary ” on page 17

identities.providers.ldap.connection - host

The host name of the LDAP server to connect to.

Valid in:	sas.identities.providers.ldap.connection configuration definition
Type:	SAS Viya configuration property
Default:	ldap.fyi.sas.com
Component:	identities

Security critical category: IDENTITY INFORMATION

See: [SAS Viya Platform: Identity Management](#)
[“About This Dictionary ” on page 17](#)

identities.providers.ldap.connection - password

The password for logging on to the LDAP server.

Valid in: sas.identities.providers.ldap.connection configuration definition
 Type: SAS Viya configuration property
 Default: *********
 Component: identities
 Security critical category: IDENTITY INFORMATION
 See: [SAS Viya Platform: Identity Management](#)
[“About This Dictionary ” on page 17](#)

identities.providers.ldap.connection - pool.enabled

Enables pooling of LDAP connections.

Valid in: sas.identities.providers.ldap.connection configuration definition
 Type: SAS Viya configuration property
 Default: **true**
 Component: identities
 Security critical category: IDENTITY INFORMATION
 See: [SAS Viya Platform: Identity Management](#)
[“About This Dictionary ” on page 17](#)

identities.providers.ldap.connection - pool.evictionTimePeriodMillis

The time in milliseconds that the idle-object evictor sleeps between runs. If the value is non-positive, the idle object evictor does not run.

Valid in: sas.identities.providers.ldap.connection configuration definition

Type:	SAS Viya configuration property
Default:	240,000
Component:	identities
Security critical category:	IDENTITY INFORMATION
See:	SAS Viya Platform: Identity Management “About This Dictionary ” on page 17

identities.providers.ldap.connection - pool.idleTimeMillis

The minimum amount of time in milliseconds that objects can sit idle in the pool before becoming eligible for eviction by the idle-object evictor, if present.

Valid in:	sas.identities.providers.ldap.connection configuration definition
Type:	SAS Viya configuration property
Default:	480,000
Component:	identities
Security critical category:	IDENTITY INFORMATION
See:	SAS Viya Platform: Identity Management “About This Dictionary ” on page 17

identities.providers.ldap.connection - pool.maxActive

The maximum number of active connections of a given type (either read-only or read-write) that can be allocated from the pool at the same time.

Valid in:	sas.identities.providers.ldap.connection configuration definition
Type:	SAS Viya configuration property
Default:	8
Component:	identities
Security critical category:	IDENTITY INFORMATION
See:	SAS Viya Platform: Identity Management “About This Dictionary ” on page 17

identities.providers.ldap.connection - pool.maxIdle

The maximum number of active connections of a given type (either read-only or read-write) that can remain idle in the pool without extra connections being released.

Valid in:	sas.identities.providers.ldap.connection configuration definition
Type:	SAS Viya configuration property
Default:	8
Component:	identities
Security critical category:	IDENTITY INFORMATION
See:	SAS Viya Platform: Identity Management “About This Dictionary ” on page 17

Details

For no limit, specify a non-positive value.

identities.providers.ldap.connection - pool.maxSize

The maximum number of active connections of all types that can be allocated from the pool at the same time.

Valid in:	sas.identities.providers.ldap.connection configuration definition
Type:	SAS Viya configuration property
Default:	-1
Component:	identities
Security critical category:	IDENTITY INFORMATION
See:	SAS Viya Platform: Identity Management “About This Dictionary ” on page 17

Details

For no limit, specify a non-positive value.

identities.providers.ldap.connection - pool.maxWait

The maximum amount of time in milliseconds that the pool waits for a connection to be returned before throwing an exception.

Valid in:	sas.identities.providers.ldap.connection configuration definition
Type:	SAS Viya configuration property
Default:	30,000
Component:	identities
Security critical category:	IDENTITY INFORMATION
See:	SAS Viya Platform: Identity Management “About This Dictionary ” on page 17

Details

For no limit, specify a non-positive value.

identities.providers.ldap.connection - pool.minIdle

The minimum number of active connections of a given type (either read-only or read-write) that can remain idle in the pool without extra connections being created.

Valid in:	sas.identities.providers.ldap.connection configuration definition
Type:	SAS Viya configuration property
Default:	0
Component:	identities
Security critical category:	IDENTITY INFORMATION
See:	SAS Viya Platform: Identity Management “About This Dictionary ” on page 17

Details

To create no extra connections, specify zero.

identities.providers.ldap.connection - pool.testOnBorrow

Enables validation of objects before they are borrowed from the pool.

Valid in:	sas.identities.providers.ldap.connection configuration definition
Type:	SAS Viya configuration property
Default:	true
Component:	identities
Security critical category:	IDENTITY INFORMATION
See:	SAS Viya Platform: Identity Management “About This Dictionary ” on page 17

Details

If an object fails validation, it is dropped from the pool and an attempt is made to borrow another object.

identities.providers.ldap.connection - pool.testOnReturn

Enables validation of objects before they are returned to the pool.

Valid in:	sas.identities.providers.ldap.connection configuration definition
Type:	SAS Viya configuration property
Default:	false
Component:	identities
Security critical category:	IDENTITY INFORMATION
See:	SAS Viya Platform: Identity Management “About This Dictionary ” on page 17

identities.providers.ldap.connection - pool.testWhileIdle

Enables validation of objects by the idle-object evictor, if present. If an object fails validation, it is dropped from the pool.

Valid in:	sas.identities.providers.ldap.connection configuration definition
Type:	SAS Viya configuration property
Default:	true
Component:	identities
Security critical category:	IDENTITY INFORMATION
See:	SAS Viya Platform: Identity Management “About This Dictionary ” on page 17

identities.providers.ldap.connection - pool.whenExhaustedAction

An integer that indicates the behavior when the pool is exhausted.

Valid in:	sas.identities.providers.ldap.connection configuration definition
Type:	SAS Viya configuration property
Default:	1
Component:	identities
Security critical category:	IDENTITY INFORMATION
See:	SAS Viya Platform: Identity Management “About This Dictionary ” on page 17

Details

Valid values are: 0 (fail), 1 (block), or 2 (grow).

identities.providers.ldap.connection - port

The port for connecting to LDAP.

Valid in:	sas.identities.providers.ldap.connection configuration definition
Default:	3,269
Component:	identities
Security critical category:	IDENTITY INFORMATION
See:	SAS Viya Platform: Identity Management “About This Dictionary ” on page 17

Details

Valid values are: 0 (fail), 1 (block), or 2 (grow).

identities.providers.ldap.connection - startTLS.mode

If using StartTLS, what mode to enable.

Valid in:	sas.identities.providers.ldap.connection configuration definition
Type:	SAS Viya configuration property
Default:	none
Component:	identities
Security critical category:	IDENTITY INFORMATION
See:	SAS Viya Platform: Identity Management “About This Dictionary ” on page 17

Details

The default value is none, which corresponds to 'disabled'. Possible values are none and simple.

identities.providers.ldap.connection - url

The URL for connecting to LDAP.

Valid in:	sas.identities.providers.ldap.connection configuration definition
Type:	SAS Viya configuration property
Default:	(see details)
Component:	identities
Security critical category:	IDENTITY INFORMATION
See:	SAS Viya Platform: Identity Management “About This Dictionary ” on page 17

Details

The default value is:

```
ldaps://${sas.identities.providers.ldap.connection.host}:${sas.identities.providers.ldap.connection.port}
```

identities.providers.ldap.connection - userDN

The distinguished name (DN) of the user account for logging on to the LDAP server.

Valid in:	sas.identities.providers.ldap.connection configuration definition
Type:	SAS Viya configuration property
Default:	-
Component:	identities
Security critical category:	IDENTITY INFORMATION
See:	SAS Viya Platform: Identity Management “About This Dictionary ” on page 17

identities.providers.ldap.group - accountId

The field in the LDAP provider that is used to populate the group's ID.

Valid in:	<code>sas.identities.providers.ldap.group</code> configuration definition
Type:	SAS Viya configuration property
Default:	sAMAccountName
Component:	identities
Security critical category:	IDENTITY INFORMATION
See:	SAS Viya Platform: Identity Management “About This Dictionary ” on page 17

identities.providers.ldap.group - baseDN

The point from which the LDAP server searches for groups.

Valid in:	<code>sas.identities.providers.ldap.group</code> configuration definition
Type:	SAS Viya configuration property
Default:	(see details)
Component:	identities
Security critical category:	IDENTITY INFORMATION
See:	SAS Viya Platform: Identity Management “About This Dictionary ” on page 17

Details

The default value is:

`OU=Groups,DC=na,DC=SAS,DC=com`

identities.providers.ldap.group - createdDate

The field in the LDAP provider that is used to populate the group's account created date.

Valid in:	<code>sas.identities.providers.ldap.group</code> configuration definition
Type:	SAS Viya configuration property
Default:	whenCreated
Component:	identities
See:	SAS Viya Platform: Identity Management “About This Dictionary ” on page 17

identities.providers.ldap.group - description

The field in the LDAP provider that is used to populate the group's description.

Valid in:	sas.identities.providers.ldap.group configuration definition
Type:	SAS Viya configuration property
Default:	description
Component:	identities
See:	SAS Viya Platform: Identity Management "About This Dictionary " on page 17

identities.providers.ldap.group - distinguishedName

The field in the LDAP provider that is used to populate the group's distinguished name value.

Valid in:	sas.identities.providers.ldap.group configuration definition
Type:	SAS Viya configuration property
Default:	distinguishedName
Component:	identities
Security critical category:	IDENTITY INFORMATION
See:	SAS Viya Platform: Identity Management "About This Dictionary " on page 17

identities.providers.ldap.group - members

The field in the LDAP provider that is used to populate the members of the group.

Valid in:	sas.identities.providers.ldap.group configuration definition
Type:	SAS Viya configuration property
Default:	member
Component:	identities
Security critical category:	IDENTITY INFORMATION
See:	SAS Viya Platform: Identity Management "About This Dictionary " on page 17

identities.providers.ldap.group - memberOf

The field in the LDAP provider that is used to populate the groups that this group is a member of.

Valid in: sas.identities.providers.ldap.group configuration definition

Type: SAS Viya configuration property

Default: **memberOf**

Component: identities

Security critical category: IDENTITY INFORMATION

See: [SAS Viya Platform: Identity Management](#)
"About This Dictionary " on page 17

identities.providers.ldap.group - modifiedDate

The field in the LDAP provider that is used to populate the group's account last modified date.

Valid in: sas.identities.providers.ldap.group configuration definition

Type: SAS Viya configuration property

Default: **whenChanged**

Component: identities

See: [SAS Viya Platform: Identity Management](#)
"About This Dictionary " on page 17

identities.providers.ldap.group - name

The field in the LDAP provider that is used to populate the group's name.

Valid in: sas.identities.providers.ldap.group configuration definition

Type: SAS Viya configuration property

Default: **displayName**

Component: identities

Security critical category: IDENTITY INFORMATION

See: [SAS Viya Platform: Identity Management](#)
"About This Dictionary " on page 17

identities.providers.ldap.group - objectClass

The object class value to use when loading groups.

Valid in:	<code>sas.identities.providers.ldap.group</code> configuration definition
Type:	SAS Viya configuration property
Default:	group
Component:	identities
See:	SAS Viya Platform: Identity Management “About This Dictionary ” on page 17

identities.providers.ldap.group - objectFilter

The filter to use when searching groups.

Valid in:	<code>sas.identities.providers.ldap.group</code> configuration definition
Type:	SAS Viya configuration property
Default:	(see details)
Component:	identities
See:	SAS Viya Platform: Identity Management “About This Dictionary ” on page 17

Details

The default value is:

`(objectClass=group)`

identities.providers.ldap.group - searchFilter

The filter used for locating a group account in the LDAP provider.

Valid in:	<code>sas.identities.providers.ldap.group</code> configuration definition
Type:	SAS Viya configuration property
Default:	(see details)
Component:	identities

See: [SAS Viya Platform: Identity Management](#)
[“About This Dictionary ” on page 17](#)

Details

The default value is:

```
${sas.identities.providers.ldap.group.accountId}={0}
```

identities.providers.ldap.user - accountId

The field in the LDAP provider that is used to populate the user's ID.

Valid in: sas.identities.providers.ldap.user configuration definition

Type: SAS Viya configuration property

Default: **sAMAccountName**

Component: identities

Security critical category: IDENTITY INFORMATION

See: [SAS Viya Platform: Identity Management](#)
[“About This Dictionary ” on page 17](#)

identities.providers.ldap.user - address.country

The field in the LDAP provider that is used to populate the user's country.

Valid in: sas.identities.providers.ldap.user configuration definition

Type: SAS Viya configuration property

Default: **co**

Component: identities

See: [SAS Viya Platform: Identity Management](#)
[“About This Dictionary ” on page 17](#)

identities.providers.ldap.user - address.locality

The field in the LDAP provider that is used to populate the user's city.

Valid in: sas.identities.providers.ldap.user configuration definition

Type:	SAS Viya configuration property
Default:	
Component:	identities
Security critical category:	IDENTITY INFORMATION
See:	SAS Viya Platform: Identity Management “About This Dictionary ” on page 17

identities.providers.ldap.user - address.postalCode

The field in the LDAP provider that is used to populate the user's postal code.

Valid in:	sas.identities.providers.ldap.user configuration definition
Type:	SAS Viya configuration property
Default:	postalCode
Component:	identities
Security critical category:	IDENTITY INFORMATION
See:	SAS Viya Platform: Identity Management “About This Dictionary ” on page 17

identities.providers.ldap.user - address.region

The field in the LDAP provider that is used to populate the user's region or state.

Valid in:	sas.identities.providers.ldap.user configuration definition
Type:	SAS Viya configuration property
Default:	region
Component:	identities
See:	SAS Viya Platform: Identity Management “About This Dictionary ” on page 17

identities.providers.ldap.user - address.street

The field in the LDAP provider that is used to populate the user's street address.

Valid in:	sas.identities.providers.ldap.user configuration definition
-----------	---

Type:	SAS Viya configuration property
Default:	street
Component:	identities
Security critical category:	IDENTITY INFORMATION
See:	SAS Viya Platform: Identity Management “About This Dictionary ” on page 17

identities.providers.ldap.user - baseDN

The point from which the LDAP server searches for users.

Valid in:	sas.identities.providers.ldap.user configuration definition
Type:	SAS Viya configuration property
Default:	DC=SAS,DC=com
Component:	identities
See:	SAS Viya Platform: Identity Management “About This Dictionary ” on page 17

identities.providers.ldap.user - createdDate

The field in the LDAP provider that is used to populate the user’s account created date.

Valid in:	sas.identities.providers.ldap.user configuration definition
Type:	SAS Viya configuration property
Default:	whenCreated
Component:	identities
See:	SAS Viya Platform: Identity Management “About This Dictionary ” on page 17

identities.providers.ldap.user - description

The field in the LDAP provider that is used to populate the user’s description.

Valid in:	sas.identities.providers.ldap.user configuration definition
Type:	SAS Viya configuration property
Default:	description

Component: identities
See: [SAS Viya Platform: Identity Management](#)
“About This Dictionary ” on page 17

identities.providers.ldap.user - distinguishedName

The field in the LDAP provider that is used to populate the group’s distinguished name value.

Valid in: sas.identities.providers.ldap.user configuration definition
Type: SAS Viya configuration property
Default: **distinguishedName**
Component: identities
Security critical category: IDENTITY INFORMATION
See: [SAS Viya Platform: Identity Management](#)
“About This Dictionary ” on page 17

identities.providers.ldap.user - emailAddress.other

The field in the LDAP provider that is used to populate the user’s alternate email address.

Valid in: sas.identities.providers.ldap.user configuration definition
Type: SAS Viya configuration property
Default: **otherMailbox**
Component: identities
Security critical category: IDENTITY INFORMATION
See: [SAS Viya Platform: Identity Management](#)
“About This Dictionary ” on page 17

identities.providers.ldap.user - emailAddress.sms

The field in the LDAP provider that is used to populate the user’s SMS email address.

Valid in: sas.identities.providers.ldap.user configuration definition
Type: SAS Viya configuration property
Default: -

Component:	identities
Security critical category:	IDENTITY INFORMATION
See:	SAS Viya Platform: Identity Management “About This Dictionary ” on page 17

identities.providers.ldap.user - emailAddress.work

The field in the LDAP provider that is used to populate the user’s work email address.

Valid in:	sas.identities.providers.ldap.user configuration definition
Type:	SAS Viya configuration property
Default:	mail
Component:	identities
Security critical category:	IDENTITY INFORMATION
See:	SAS Viya Platform: Identity Management “About This Dictionary ” on page 17

identities.providers.ldap.user - externalId

The field in the LDAP provider that is used to populate the user’s external Id.

Valid in:	sas.identities.providers.ldap.user configuration definition
Type:	SAS Viya configuration property
Default:	-
Component:	identities
See:	SAS Viya Platform: Identity Management “About This Dictionary ” on page 17

identities.providers.ldap.user - memberOf

The field in the LDAP provider that is used to populate the groups that this user is a member of.

Valid in:	sas.identities.providers.ldap.user configuration definition
Type:	SAS Viya configuration property
Default:	memberOf

Component: identities

Security critical category: IDENTITY INFORMATION

See: [SAS Viya Platform: Identity Management](#)
“About This Dictionary ” on page 17

identities.providers.ldap.user - modifiedDate

The field in the LDAP provider that is used to populate the user’s account last modified date.

Valid in: sas.identities.providers.ldap.user configuration definition

Type: SAS Viya configuration property

Default: **whenChanged**

Component: identities

See: [SAS Viya Platform: Identity Management](#)
“About This Dictionary ” on page 17

identities.providers.ldap.user - name

The field in the LDAP provider that is used to populate the user’s name.

Valid in: sas.identities.providers.ldap.user configuration definition

Type: SAS Viya configuration property

Default: **displayName**

Component: identities

Security critical category: IDENTITY INFORMATION

See: [SAS Viya Platform: Identity Management](#)
“About This Dictionary ” on page 17

identities.providers.ldap.user - objectClass

The object class value to use when loading users.

Valid in: sas.identities.providers.ldap.user configuration definition

Type: SAS Viya configuration property

Default: **organizationalPerson**

Component: identities
See: [SAS Viya Platform: Identity Management](#)
[“About This Dictionary ” on page 17](#)

identities.providers.ldap.user - objectFilter

The filter to use when searching users.

Valid in: sas.identities.providers.ldap.user configuration definition
Type: SAS Viya configuration property
Default: (see details)
Component: identities
See: [SAS Viya Platform: Identity Management](#)
[“About This Dictionary ” on page 17](#)

Details

The default value is:

```
(&(objectCategory=person)(objectClass=user)(!(userAccountControl:1.2.840.113556.1.4.803:=2)))
```

identities.providers.ldap.user - phone.business

The field in the LDAP provider that is used to populate the user's work phone number.

Valid in: sas.identities.providers.ldap.user configuration definition
Type: SAS Viya configuration property
Default: **telephoneNumber**
Component: identities
Security critical category: IDENTITY INFORMATION
See: [SAS Viya Platform: Identity Management](#)
[“About This Dictionary ” on page 17](#)

identities.providers.ldap.user - phone.businessFax

The field in the LDAP provider that is used to populate the user's work fax number.

Valid in:	sas.identities.providers.ldap.user configuration definition
Type:	SAS Viya configuration property
Default:	facsimileTelephoneNumber
Component:	identities
Security critical category:	IDENTITY INFORMATION
See:	SAS Viya Platform: Identity Management “About This Dictionary ” on page 17

identities.providers.ldap.user - phone.home

The field in the LDAP provider that is used to populate the user's home phone number.

Valid in:	sas.identities.providers.ldap.user configuration definition
Type:	SAS Viya configuration property
Default:	homePhone
Component:	identities
Security critical category:	IDENTITY INFORMATION
See:	SAS Viya Platform: Identity Management “About This Dictionary ” on page 17

identities.providers.ldap.user - phone.mobile

The field in the LDAP provider that is used to populate the user's mobile phone number.

Valid in:	sas.identities.providers.ldap.user configuration definition
Type:	SAS Viya configuration property
Default:	mobile
Component:	identities
Security critical category:	IDENTITY INFORMATION
See:	SAS Viya Platform: Identity Management “About This Dictionary ” on page 17

identities.providers.ldap.user - phone.pager

The field in the LDAP provider that is used to populate the user's pager number.

Valid in:	sas.identities.providers.ldap.user configuration definition
Type:	SAS Viya configuration property
Default:	pager
Component:	identities
Security critical category:	IDENTITY INFORMATION
See:	SAS Viya Platform: Identity Management "About This Dictionary " on page 17

identities.providers.ldap.user - searchFilter

The filter used for locating a user account in the LDAP provider so that the user can make a connection using an ID and password.

Valid in:	sas.identities.providers.ldap.user configuration definition
Type:	SAS Viya configuration property
Default:	(see details)
Component:	identities
See:	SAS Viya Platform: Identity Management "About This Dictionary " on page 17

Details

The default value is:

```
(&({sas.identities.providers.ldap.user.accountId}={0})({sas.identities.providers.ldap.user.objectFilter}))
```

The {0} represents the userID that is being searched. Do not change this.

identities.providers.ldap.user - title

The field in the LDAP provider that is used to populate the user's title.

Valid in:	sas.identities.providers.ldap.user configuration definition
-----------	---

Type:	SAS Viya configuration property
Default:	title
Component:	identities
See:	SAS Viya Platform: Identity Management “About This Dictionary ” on page 17

import.data.general - jobExpiresAfter

How long to retain 'Update CAS Import Data' jobs.

Valid in:	sas.import.data.general configuration definition
Type:	SAS Viya configuration property
Default:	7d
Component:	import-data-loader
See:	“About This Dictionary ” on page 17

Details

Here are example values: '7d' (7 days), '1m' (1 month), or '12h' (12 hours). If set to '-1' jobs remain indefinitely.

import.data.general - queryPageSize

Page size when querying transfer service.

Valid in:	sas.import.data.general configuration definition
Type:	SAS Viya configuration property
Default:	100
Component:	import-data-loader
See:	“About This Dictionary ” on page 17

import.data.general - retention

How long to retain import records

Valid in:	sas.import.data.general configuration definition
-----------	--

Type: SAS Viya configuration property
Default: 7d
Component: import-data-loader
See: [“About This Dictionary ” on page 17](#)

aiot - caslib

The default planning caslib

Valid in: sas.aiot configuration definition
Type: SAS Viya configuration property
Default: **QASmartStore**
Components: iotAnalysis, iotAnalysisModels, dataSelection
See: [“About This Dictionary ” on page 17](#)

aiot - casTableLifetime

Cas table lifetime value in seconds

Valid in: sas.aiot configuration definition
Type: SAS Viya configuration property
Default: **2,592,000**
Components: iotAnalysis, iotAnalysisModels, dataSelection
See: [“About This Dictionary ” on page 17](#)

aiot - csvPageSize

Page size of the csv download from cas table.

Valid in: sas.aiot configuration definition
Type: SAS Viya configuration property
Default: **10,000**
Components: iotAnalysis, iotAnalysisModels, dataSelection
See: [“About This Dictionary ” on page 17](#)

aiot - csvRows

Max rows to be fetched from cas table in each call

Valid in: sas.aiot configuration definition
Type: SAS Viya configuration property
Default: 5,000
Components: iotAnalysis, iotAnalysisModels, dataSelection
See: [“About This Dictionary ” on page 17](#)

aiot - jesPollInterval

PollInterval time in Seconds while getting job state from JES

Valid in: sas.aiot configuration definition
Type: SAS Viya configuration property
Default: 5
Components: iotAnalysis, iotAnalysisModels, dataSelection
See: [“About This Dictionary ” on page 17](#)

aiot - maxNoOfAnalysesToRun

Maximum number of analyses to run at the same time

Valid in: sas.aiot configuration definition
Type: SAS Viya configuration property
Default: 25
Components: iotAnalysis, iotAnalysisModels, dataSelection
See: [“About This Dictionary ” on page 17](#)

aiot - maxNoOfAnalysesToSave

Maximum number of analyses to save at the same time

Valid in: sas.aiot configuration definition

Type: SAS Viya configuration property

Default: 25

Components: iotAnalysis, iotAnalysisModels, dataSelection

See: [“About This Dictionary ” on page 17](#)

aiot - packagePath

Package path for migration

Valid in: sas.aiot configuration definition

Type: SAS Viya configuration property

Default: -

Components: iotAnalysis, iotAnalysisModels, dataSelection

See: [“About This Dictionary ” on page 17](#)

aiot - queryOnlyCAS

Indicate to query to CAS in memory data only, if set to false then it will fetch data from part files

Valid in: sas.aiot configuration definition

Type: SAS Viya configuration property

Default: **true**

Components: iotAnalysis, iotAnalysisModels, dataSelection

See: [“About This Dictionary ” on page 17](#)

aiot - server

Name of CAS server

Valid in: sas.aiot configuration definition

Type: SAS Viya configuration property

Default: **cas-shared-default**

Components: iotAnalysis, iotAnalysisModels, dataSelection

See: [“About This Dictionary ” on page 17](#)

aiot - userCasLib

The user Specific caslib

Valid in:	sas.aiot configuration definition
Type:	SAS Viya configuration property
Default:	CASUSER
Components:	iotAnalysis, iotAnalysisModels, dataSelection
See:	“About This Dictionary ” on page 17

aiot.cls - listOfRestrictedColumns

Columns that are to be restricted for certain users.

Valid in:	sas.aiot.cls configuration definition
Type:	SAS Viya configuration property
Default:	-
Components:	iotAnalysis, iotAnalysisModels, dataSelection
See:	“About This Dictionary ” on page 17

aiot.cls - listOfRestrictedUsers

Users who are restricted to certain columns.

Valid in:	sas.aiot.cls configuration definition
Type:	SAS Viya configuration property
Default:	-
Components:	iotAnalysis, iotAnalysisModels, dataSelection
See:	“About This Dictionary ” on page 17

aiot.job - batchLogRetentionTime

Specify how long (in minutes) to retain the auto-update logs.

Valid in:	sas.aiot.job configuration definition
-----------	---------------------------------------

Type: SAS Viya configuration property
Default: 21,600
Components: iotAnalysis, iotAnalysisModels, dataSelection
See: [“About This Dictionary ” on page 17](#)

aiot.job - emlIssuesSubLogRetentionTime

Specify how long (in minutes) to retain the logs generated by alert groups of the type Emerging Issues.

Valid in: sas.aiot.job configuration definition
Type: SAS Viya configuration property
Default: 21,600
Components: iotAnalysis, iotAnalysisModels, dataSelection
See: [“About This Dictionary ” on page 17](#)

aiot.job - noOfAnalysesPerUserToRunInParallel

See details.

Valid in: sas.aiot.job configuration definition
Type: SAS Viya configuration property
Default: 7
Components: iotAnalysis, iotAnalysisModels, dataSelection
See: [“About This Dictionary ” on page 17](#)

Details

This property applies only to the following activities in SAS Analytics for IoT: auto-update analyses, migration, and alert groups of the type Emerging Issues. Specify the number of analyses (including alert groups) that can be run at the same time for each user. Ensure that this number is less than the value for the environment property SAS_LAUNCHER_USER_PROCESS_LIMIT.

aiot.job - noOfEmlIssuesPerUserToRunInParallel

Specify the number of users whose analyses can run concurrently during auto-updates.

Valid in: sas.aiot.job configuration definition
Type: SAS Viya configuration property
Default: 3
Components: iotAnalysis, iotAnalysisModels, dataSelection
See: [“About This Dictionary ” on page 17](#)

aiot.job - noOfUsersToRunInParallel

Specify the number of users whose analyses can run concurrently during auto-updates.

Valid in: sas.aiot.job configuration definition
Type: SAS Viya configuration property
Default: 3
Components: iotAnalysis, iotAnalysisModels, dataSelection
See: [“About This Dictionary ” on page 17](#)

information.catalog - disable.autostart.tour

Set to true to disable autostart of application Tour on first launch.

Valid in: sas.information.catalog configuration definition
Type: SAS Viya configuration property
Default: **false**
Component: SASInformationCatalog
See: [“About This Dictionary ” on page 17](#)

information.catalog - search.index.filter.datasets

Set to true to include only the datasets index for search.

Valid in: sas.information.catalog configuration definition
Type: SAS Viya configuration property
Default: **false**
Component: SASInformationCatalog
See: [“About This Dictionary ” on page 17](#)

job.execution - expiresAfter

After the completion of a job, the duration of time before a job is deleted.

Valid in:	Job Execution service configuration definition
Type:	SAS Viya configuration property
Default:	-
Component:	jobExecutionService
See:	“Setting Job Instances to Expire” in SAS Viya Platform: Jobs and Flows

Details

This is honored only when the `expiresAfter` value is not specified on the individual job request or by the provider service.

The accepted format is based on ISO-8601 duration format, 'PnDTnHnMn.nS'.

Examples are:

- P30D = 30 days
- PT30S = 30 seconds
- PT15M = 15 minutes
- PT10H = 10 hours
- P2D = 2 days
- P2DT3H4M = 2 days, 3 hours, and 4 minutes

This property is not present in your deployment until you configure it through SAS Environment Manager.

jvm

Java properties that are used to configure the Java Virtual Machine when it is launched.

Valid in:	jvm configuration definition
Type:	SAS Viya configuration property
Default:	(see details)
Component:	(SYSTEM) jvm
See:	“About This Dictionary ” on page 17

Details

Starting with 2025.06, Viya uses the `XX:MaxRAMPercentage` JVM (java virtual machine) option that was introduced with Java 8 version. This option configures the maximum heap size of the Java application as a percentage of the total memory of a container. This percentage-based value enables you to manage the pod size to tune your deployments. (If the JVM settings are too low, memory that is reserved for the pod is never used. If the JVM settings are too high, the pod is subject to random failures for exceeding memory resource limits.)

The default value for `XX:MaxRAMPercentage` is 75% for most services. Updates to your deployment use these new heap settings. However, if you had modified jvm options in your deployment, your modified settings are maintained across updates.

Note: The `xmx` option always overrides the `XX:MaxRAMPercentage` option. However, SAS recommends that you begin to use the `XX:MaxRAMPercentage` jvm option when you are tuning your SAS Viya deployment.

To view the services that are configured, use the Configuration page of SAS Environment Manager. Select **Definitions** from the drop-down menu and highlight `jvm`. You might see the `java-option-xmx` option without a value. Or, a service is listed as being configured for a jvm property, but no option is listed. This signifies that the `XX:MaxRAMPercentage` has been set at start up.

Alternatively, you can use the sas-viya CLI to view services that are configured:

```
sas-viya configuration configurations list --definition-name jvm
```

jvm - java_option_max_direct_mem

The maximum heap size of the Java application as a percentage of the total memory of a physical server or container

Valid in:	jvm configuration definition
Type:	SAS Viya configuration property
Default:	(see details)
Components:	(SYSTEM) jvm, planningGrid
See:	“About This Dictionary ” on page 17

Details

By default, this JVM property is configured for the following components:

Component	Default
Planning Grid	-XX:MaxDirectMemorySize=1024m

jvm - java_option_max_ram_percentage

The maximum heap size of the Java application as a percentage of the total memory of a physical server or container

Valid in:	jvm configuration definition
Type:	SAS Viya configuration property
Default:	(see details)
Components:	(SYSTEM) jvm, accountingRules, planningGrid, planningProcess, planningEngineTransform
See:	“About This Dictionary ” on page 17

Details

By default, this JVM property is configured for the following components:

Component	Default
Accounting Rules service	-XX:MaxRAMPercentage=70.0
Planning Grid	-XX:MaxRAMPercentage=70.0
Planning Process	-XX:MaxRAMPercentage=70.0
Planning Engine Transform	-XX:MaxRAMPercentage=70.0

launcher -

The Launcher Service is a SAS Viya microservice that provides API endpoints for running a process.

Valid in:	sas.launcher configuration definition
Type:	SAS Viya configuration property
Component:	launcher

See: [“SAS Launcher: Service and Contexts” in SAS Viya Platform: Programming Run-Time Servers](#)

launcher - allowlist.deny-on-empty

Flag to determine if empty allow lists are denied.

Valid in: sas.launcher configuration definition
Type: SAS Viya configuration property
Default: **false**
Component: launcher
See: [“About This Dictionary ” on page 17](#)

Details

By default the flag is enabled. When the flag is enabled, an empty command allowlist is interpreted as all commands are denied. For more information, see [“Enable Security Using the Allowlist” in SAS Viya Platform: Programming Run-Time Servers](#).. If you want to allow all commands when the command allowlist is empty, then disable the flag. Be aware of potential security risks when you disable the flag.

The Launcher Service is a SAS Viya microservice that provides API endpoints for running a process.

For detailed information about this functionality, see [“SAS Launcher: Service and Contexts” in SAS Viya Platform: Programming Run-Time Servers](#).

launcher - context.process.limit.enabled

Flag to enable Launcher context process limit.

Valid in: sas.launcher configuration definition
Type: SAS Viya configuration property
Default: **false**
Component: launcher
See: [“About This Dictionary ” on page 17](#)

Details

When the flag is enabled, the process limits are evaluated at the context level. If the context does not have a process limit, then the values of `SAS_LAUNCHER_USER_PROCESS_LIMIT` and `SAS_LAUNCHER_SUPER_USER_PROCESS_LIMIT` are used. For details, see [Process Limits](#).

The Launcher Service is a SAS Viya microservice that provides API endpoints for running a process.

For detailed information about this functionality, see “[SAS Launcher: Service and Contexts](#)” in *SAS Viya Platform: Programming Run-Time Servers*.

launcher - fsgroup.enabled

Flag to determine if fsgroup and fsgroup policy will be enabled on launched pods.

Valid in:	<code>sas.launcher</code> configuration definition
Type:	SAS Viya configuration property
Default:	true
Component:	launcher
See:	“About This Dictionary ” on page 17

Details

This configuration property is available in release [2025.11](#) and later.

The pods that are created by the Launcher service are automatically configured with a `fsGroup` value that matches the creator's UID for proper file system permissions. If `fsGroupPolicy` is not specified in the pod Template, it defaults to `OnRootMismatch`.

When the flag is disabled, the launched pods use the default Kubernetes security context behavior without these properties.

The Launcher Service is a SAS Viya microservice that provides API endpoints for running a process.

For detailed information about this functionality, see “[SAS Launcher: Service and Contexts](#)” in *SAS Viya Platform: Programming Run-Time Servers*.

launcher - home.directory.force-lower-case

Flag to determine if user name is forced to lower case when constructing home directory path.

Valid in:	sas.launcher configuration definition
Type:	SAS Viya configuration property
Default:	false
Component:	launcher
See:	“About This Dictionary ” on page 17

Details

When the user names are stored as mixed case and the user's home directories are stored in lowercase, enable this flag to allow deployments to force the last segment of the home directory to be in lowercase.

The Launcher Service is a SAS Viya microservice that provides API endpoints for running a process.

For detailed information about this functionality, see [“SAS Launcher: Service and Contexts” in SAS Viya Platform: Programming Run-Time Servers](#).

launcher - job.activeDeadlineSeconds

Specifies the duration the job may be active (seconds).

Valid in:	sas.launcher configuration definition
Type:	SAS Viya configuration property
Default:	(not set)
Component:	launcher
See:	“About This Dictionary ” on page 17

Details

When specified, sets an active deadline to terminate a Kubernetes job. Once the job reaches `activeDeadlineSeconds`, all of its running pods are terminated and the job status becomes type: Failed with reason: DeadlineExceeded.

The Launcher Service is a SAS Viya microservice that provides API endpoints for running a process.

For detailed information about this functionality, see [“SAS Launcher: Service and Contexts” in SAS Viya Platform: Programming Run-Time Servers](#).

launcher - job.name.prefix

Prefix for Kubernetes pods created by launcher.

Valid in:	sas.launcher configuration definition
Type:	SAS Viya configuration property
Default:	sas-launcher-
Component:	launcher
See:	“About This Dictionary ” on page 17

Details

The maximum length of the prefix is set to 100. The prefix naming convention must follow the regex set by Kubernetes: `[a-z0-9]([-a-z0-9]*[a-z0-9])?(\.[a-z0-9]([-a-z0-9]*[a-z0-9])?)*`. For more information, see [Object Names and IDs](#).

To modify the prefix name based on the context used to create the launcher request, use CLI commands. The default is the value that is set in SAS Environment Manager.

Note: When SAS Workload Orchestrator is not used, the length of the job names cannot exceed 63 characters due to a constraint of Kubernetes. Therefore, the length of the job name prefix is truncated to 27 characters. For example, the prefix `sas-launcher-compute-server-prefix` is 34 characters long and is truncated to `sas-launcher-compute-serve-.` When SAS Workload Orchestrator is in use, all 100 characters are available.

The launcher is a SAS Viya microservice that provides API endpoints for running a process.

For detailed information about this functionality, see [“SAS Launcher: Service and Contexts” in SAS Viya Platform: Programming Run-Time Servers](#).

launcher - job.ttlSecondsAfterFinished

Time to live mechanism for Kubernetes Jobs after completion (seconds)

Valid in:	sas.launcher configuration definition
Type:	SAS Viya configuration property
Default:	0
Component:	launcher

See: [“About This Dictionary ” on page 17](#)

Details

Setting the time to 0 makes it eligible to be cleaned up immediately after completion.

The launcher is a SAS Viya microservice that provides API endpoints for running a process.

For detailed information about this functionality, see [“SAS Launcher: Service and Contexts” in SAS Viya Platform: Programming Run-Time Servers](#).

launcher.default - cpu.limit

Default value for a CPU limit.

Valid in: sas.launcher.default configuration definition
Type: SAS Viya configuration property
Default: 2
Component: launcher
See: [“About This Dictionary ” on page 17](#)

Details

The launcher is a SAS Viya microservice that provides API endpoints for running a process.

For detailed information about this functionality, see [“SAS Launcher: Service and Contexts” in SAS Viya Platform: Programming Run-Time Servers](#).

launcher.default - cpu.request

Default value for a CPU request.

Valid in: sas.launcher.default configuration definition
Type: SAS Viya configuration property
Default: 50m
Component: launcher
See: [“About This Dictionary ” on page 17](#)

Details

The launcher is a SAS Viya microservice that provides API endpoints for running a process.

For detailed information about this functionality, see [“SAS Launcher: Service and Contexts”](#) in *SAS Viya Platform: Programming Run-Time Servers*.

launcher.default - memory.limit

Default value for a memory limit.

Valid in:	sas.launcher.default configuration definition
Type:	SAS Viya configuration property
Default:	6Gi
Component:	launcher
See:	“About This Dictionary ” on page 17

Details

.....
Note: Starting in 2025.12, the default memory limit is changed from 2Gi to 6Gi.
.....

The launcher is a SAS Viya microservice that provides API endpoints for running a process.

For detailed information about this functionality, see [“SAS Launcher: Service and Contexts”](#) in *SAS Viya Platform: Programming Run-Time Servers*.

launcher.default - memory.request

Default value for a memory request

Valid in:	sas.launcher.default configuration definition
Type:	SAS Viya configuration property
Default:	300M
Component:	launcher
See:	“About This Dictionary ” on page 17

Details

For more information about CPU request, see [CPU Request](#) and for information about memory request, see [Memory Request](#). For additional details, see “[Manage Requests and Limits for CPU and Memory](#)” in *SAS Viya Platform: Programming Run-Time Servers*.

The launcher is a SAS Viya microservice that provides API endpoints for running a process.

For detailed information about this functionality, see “[SAS Launcher: Service and Contexts](#)” in *SAS Viya Platform: Programming Run-Time Servers*.

launcher.max - cpu.limit

Max value for a CPU limit.

Valid in:	sas.launcher.max configuration definition
Type:	SAS Viya configuration property
Default:	2
Component:	launcher
See:	“About This Dictionary ” on page 17

Details

The launcher is a SAS Viya microservice that provides API endpoints for running a process.

For detailed information about this functionality, see “[SAS Launcher: Service and Contexts](#)” in *SAS Viya Platform: Programming Run-Time Servers*.

launcher.max - cpu.request

Max value for a CPU request.

Valid in:	sas.launcher.max configuration definition
Type:	SAS Viya configuration property
Default:	100m
Component:	launcher

Details

The launcher is a SAS Viya microservice that provides API endpoints for running a process.

For detailed information about this functionality, see [“SAS Launcher: Service and Contexts”](#) in *SAS Viya Platform: Programming Run-Time Servers*.

launcher.max - memory.limit

Max value for a memory limit.

Valid in:	sas.launcher.max configuration definition
Type:	SAS Viya configuration property
Default:	6Gi
Component:	launcher
See:	“About This Dictionary ” on page 17

Details

.....
Note: Starting in 2025.12, the maximum memory limit is changed from 2Gi to 6Gi.
.....

The launcher is a SAS Viya microservice that provides API endpoints for running a process.

For detailed information about this functionality, see [“SAS Launcher: Service and Contexts”](#) in *SAS Viya Platform: Programming Run-Time Servers*.

launcher.max - memory.request

Max value for a memory request.

Valid in:	sas.launcher.max configuration definition
Type:	SAS Viya configuration property
Default:	500M
Component:	launcher
See:	“About This Dictionary ” on page 17

Details

The launcher is a SAS Viya microservice that provides API endpoints for running a process.

For detailed information about this functionality, see [“SAS Launcher: Service and Contexts”](#) in *SAS Viya Platform: Programming Run-Time Servers*.

launcher.process - completed-ttl

Determines how long a process is allowed to persist after completion (seconds).

Valid in:	sas.launcher.process configuration definition
Type:	SAS Viya configuration property
Default:	43,200
Component:	launcher
See:	“About This Dictionary ” on page 17

Details

The launcher is a SAS Viya microservice that provides API endpoints for running a process.

For detailed information about this functionality, see [“SAS Launcher: Service and Contexts”](#) in *SAS Viya Platform: Programming Run-Time Servers*.

launcher.process - reaper-enabled

Flag to enable the process reaper.

Valid in:	sas.launcher.process configuration definition
Type:	SAS Viya configuration property
Default:	true
Component:	launcher
See:	“About This Dictionary ” on page 17

Details

The launcher is a SAS Viya microservice that provides API endpoints for running a process.

For detailed information about this functionality, see [“SAS Launcher: Service and Contexts”](#) in *SAS Viya Platform: Programming Run-Time Servers*.

launcher.process - reaper-initialDelay

Determines the initial delay in spinning up the process reaper (milliseconds).

Valid in:	sas.launcher.process configuration definition
Type:	SAS Viya configuration property
Default:	300,000
Component:	launcher
See:	“About This Dictionary ” on page 17

Details

The launcher is a SAS Viya microservice that provides API endpoints for running a process.

For detailed information about this functionality, see [“SAS Launcher: Service and Contexts”](#) in *SAS Viya Platform: Programming Run-Time Servers*.

launcher.process - reaper-interval

Determines how often to check for completed processes (milliseconds).

Valid in:	sas.launcher.process configuration definition
Type:	SAS Viya configuration property
Default:	3,600,000
Component:	launcher
See:	“About This Dictionary ” on page 17

Details

The launcher is a SAS Viya microservice that provides API endpoints for running a process.

For detailed information about this functionality, see [“SAS Launcher: Service and Contexts”](#) in *SAS Viya Platform: Programming Run-Time Servers*.

oauth2.client - accessTokenValidity

The number of seconds that access tokens issued to the application are valid for.

Valid in:	oauth2.client configuration definition
Type:	SAS Viya configuration property
Default:	3600
Component:	launcher
Security critical category:	AUTHENTICATION
See:	“About This Dictionary ” on page 17

oauth2.client - loginHint

The origin of the external identity provider that should be used for login.

Valid in:	oauth2.client configuration definition
Type:	SAS Viya configuration property
Default:	-
Component:	launcher
Security critical category:	AUTHENTICATION
See:	“About This Dictionary ” on page 17

Details

By default the origin is 'external_oauth' for an external OAuth provider and 'external_saml' for an external SAML provider.

listdata.redis -

Using Redis for List Data. See Details

Valid in:	<code>sas.listdata.redis</code> configuration definition
Type:	SAS Viya configuration property
Component:	<code>listData</code>
See:	“List Data Service” in SAS Viya Platform: Configuration Properties “About This Dictionary ” on page 17

Details

The List Data service uses Redis as its in-memory data store. The following Redis versions are supported:

- Azure Cache for Redis Enterprise
- versions 6.0 through 7.4 of the open-source Redis distribution
- the open-source version of Redis Cluster (beginning with 2025.11)
- Redis Enterprise cluster (beginning with 2026.07)

Third-party Redis versions or extensions that are not listed are not supported.

You are responsible for providing and maintaining your own Redis instances and configuring the List Data service to connect to Redis in your environment. Beginning with 2025.10, you can configure more than one Redis instance for advanced lists by using the `sas.common.redis.server` definition for the SAS Micro Analytic Service in SAS Environment Manager. If you want to configure only one Redis instance, you can continue to use the default `sas.listdata.redis` configuration for the List Data service. The `cluster` property in the `sas.listdata.redis` configuration enables you to specify whether the Redis instance is configured to use Redis Cluster for advanced lists. The `enterpriseCluster` property in the `sas.listdata.redis` configuration enables you to specify whether the Redis instance is configured to use Redis Enterprise cluster for advanced lists. For more information about Redis Cluster and Redis Enterprise cluster, see [Scale with Redis Cluster](#) and [Redis Enterprise clusters \(REC\)](#), respectively.

IMPORTANT You cannot enable the Redis Cluster and Redis Enterprise cluster configurations at the same time. When enabled, Redis Enterprise cluster always takes precedence.

You also are responsible for the following:

- configuring your Redis instances for backup and restore as recommended in the documentation for your Redis provider.
- configuring your Redis instances for high availability as recommended in the documentation for your Redis provider.
- configuring your Redis instances to use an Access Control List (ACL). The List Data service supports ACLs. In Redis, use the `ACL SETUSER` command to create user IDs with the appropriate permissions, as explained in [Redis: ACL](#). For information about the required permissions for List Data operations, see the Security section on the **Details** tab of the [List Data](#) API documentation. If you set up Redis access controls for individual users or groups of users of the List Data service, as explained in the following bullet point, the user ID of the credentials should match the user ID that you created in the Redis ACL. If you have not configured any users, or you want to use the default Redis user, the user ID should be "default".
- setting up Redis access controls for individual users and groups of users of the List Data service. You must specifically add credentials to the ListDataRedis domain. For more information about how to add credentials, see the following resources:
 - ["Add New Credentials" in SAS Environment Manager: User's Guide](#)
 - ["Manage Credentials from the Domains View" in SAS Environment Manager: User's Guide](#)

User IDs that you created in a Redis ACL should match the user ID of the credentials. If you have not configured any users, or you want to use the default Redis user, the user ID should be "default".

Note: Authentication to Redis without a password is not secure and is not supported.

IMPORTANT Data that is masked is stored in Redis unredacted. A client that accesses masked data values directly in Redis rather than through the List Data service gets unredacted data, regardless of configured authorization rules. For information about data masks, see the documentation for your product.

Specific information about sizing your Redis configuration is not available at this time. However, a best practice is to provision storage that is equivalent to the data in your CSV files. For example, you create an advanced list from a 2 GB CSV file. This list uses approximately 2 GB of Redis storage. If you create a new version of that list and add a 1 GB CSV file, you use approximately 3 GB of Redis storage.

listdata.redis - address

The URI for the Redis server that is used by this service.

Valid in:	<code>sas.listdata.redis</code> configuration definition
Type:	SAS Viya configuration property
Default:	-
Component:	<code>listData</code>
See:	“About This Dictionary ” on page 17

Details

For example: `my-redis-host.example.com:6378`.

`listdata.redis` - cluster

An On and Off toggle to indicate whether the Redis instance is configured to use Redis Cluster.

Valid in:	<code>sas.listdata.redis</code> configuration definition
Type:	SAS Viya configuration property
Default:	false
Component:	<code>listData</code>
See:	“About This Dictionary ” on page 17

`listdata.redis` - db

The Redis database number to be used by this service.

Valid in:	<code>sas.listdata.redis</code> configuration definition
Type:	SAS Viya configuration property
Default:	0
Component:	<code>listData</code>
See:	“About This Dictionary ” on page 17

Details

This value is an integer between 1 and 16, depending on the Redis server configuration.

listdata.redis - server.FQDN

The value to verify the host name on the returned certificates.

Valid in:	sas.listdata.redis configuration definition
Type:	SAS Viya configuration property
Default:	-
Component:	listData
See:	“About This Dictionary ” on page 17

Details

It is also included in the client's handshake to support using an IP address as the host.

listdata.redis - useSSL

The value that specifies whether to use TLS for the Redis connection.

Valid in:	sas.listdata.redis configuration definition
Type:	SAS Viya configuration property
Default:	true
Component:	listData
Security critical category:	ENCRYPTION
See:	“About This Dictionary ” on page 17

logging.level - level

Specifies the logging level.

Valid in:	logging.level configuration definition
Type:	SAS Viya configuration property
Default:	(see details)
Component:	(SYSTEM) logging.level

Security critical category: AUDITING

See: [“About This Dictionary ” on page 17](#)

Details

This is a Spring Boot property. The default varies by component. See [“Services with Default Logging Configurations” in SAS Viya Platform: Configuration Properties](#).

To view the currently configured levels in your environment, use either of these methods:

- On the **Configuration** page of SAS Environment Manager, select **Definitions** from the **View** drop-down list. Search for and select logging.level.
- Use the following [sas-viya CLI](#) command:

```
sas-viya configuration configurations list --definition-name logging.level
```

To configure logging for a service, see [SAS Viya Platform: Log Monitoring](#).

See Also

[Spring Boot Properties](#)

logging.level - name

Specifies the logger name.

Valid in: logging.level configuration definition

Type: SAS Viya configuration property

Default: -

Component: (SYSTEM) logging.level

See: [“About This Dictionary ” on page 17](#)

Details

This is a Spring Boot property. See the details for [“logging.level - level” on page 299](#).

logging.level: com.sas

Valid in: logging.level configuration definition
Type: SAS Viya configuration property
Default: **WARN**
Component: workflowDefinition
See: [“About This Dictionary ” on page 17](#)

logging.level: com.sas.authorization

Valid in: logging.level configuration definition
Type: SAS Viya configuration property
Default: **INFO**
Component: analyticsGateway
See: [“About This Dictionary ” on page 17](#)

logging.level: com.sas.authorization

Valid in: logging.level configuration definition
Type: SAS Viya configuration property
Default: **INFO**
Component: riskPipeline
See: [“About This Dictionary ” on page 17](#)

Details

Risk Pipeline Service is the label that is used in SAS Environment Manager for the **riskPipeline** service.

logging.level: com.sas.bicommon.export.office

Valid in: logging.level configuration definition
Type: SAS Viya configuration property
Default: **INFO**
Components: reportData, reportPackages
See: [“About This Dictionary ” on page 17](#)

logging.level: com.sas.bidata

Valid in: logging.level configuration definition
Type: SAS Viya configuration property
Default: **INFO**
Components: reportData, reportPackages
See: [“About This Dictionary ” on page 17](#)

logging.level: com.sas.bireport

Valid in: logging.level configuration definition
Type: SAS Viya configuration property
Default: **INFO**
Components: reportData, reportPackages
See: [“About This Dictionary ” on page 17](#)

logging.level: com.sas.cas

Valid in: logging.level configuration definition
Type: SAS Viya configuration property
Default: **INFO**
Components: reportData, reportPackages

See: [“About This Dictionary ” on page 17](#)

logging.level: com.sas.cs

Valid in: logging.level configuration definition
Type: SAS Viya configuration property
Default: **INFO**
Component: riskModelingCore
See: [“About This Dictionary ” on page 17](#)

logging.level: com.sas.logging.stacktrace

Valid in: logging.level configuration definition
Type: SAS Viya configuration property
Default: **TRACE**
Component: riskPipeline
See: [“About This Dictionary ” on page 17](#)

Details

Risk Pipeline Service is the label that is used in SAS Environment Manager for the **riskPipeline** service.

logging.level: com.sas.referencedata

Valid in: logging.level configuration definition
Type: SAS Viya configuration property
Default: **INFO**
Component: referenceData
See: [“About This Dictionary ” on page 17](#)

logging.level: com.sas.reportcache

Valid in: logging.level configuration definition
Type: SAS Viya configuration property
Default: **INFO**
Components: reportData, reportPackages
See: [“About This Dictionary ” on page 17](#)

logging.level: com.sas.reportcommon

Valid in: logging.level configuration definition
Type: SAS Viya configuration property
Default: **INFO**
Components: reportData, reportPackages
See: [“About This Dictionary ” on page 17](#)

logging.level: com.sas.reportcommon.utils.debug.Time

Valid in: logging.level configuration definition
Type: SAS Viya configuration property
Default: **INFO**
Components: reportData, reportPackages
See: [“About This Dictionary ” on page 17](#)

logging.level: com.sas.reportdata

Valid in: logging.level configuration definition
Type: SAS Viya configuration property

Default: **INFO**
Components: reportData, reportPackages
See: [“About This Dictionary ” on page 17](#)

logging.level: com.sas.reportexecution

Valid in: logging.level configuration definition
Type: SAS Viya configuration property
Default: **INFO**
Components: reportData, reportPackages
See: [“About This Dictionary ” on page 17](#)

logging.level: com.sas.reportpackages

Valid in: logging.level configuration definition
Type: SAS Viya configuration property
Default: **INFO**
Components: reportData, reportPackages
See: [“About This Dictionary ” on page 17](#)

logging.level: com.sas.report.service.common

Valid in: logging.level configuration definition
Type: SAS Viya configuration property
Default: **INFO**
Component: reportTemplates
See: [“About This Dictionary ” on page 17](#)

logging.level: com.sas.report.templates

Valid in: logging.level configuration definition

Type: SAS Viya configuration property
Default: **INFO**
Component: reportTemplates
See: [“About This Dictionary ” on page 17](#)

logging.level: com.sas.report.persistence

Valid in: logging.level configuration definition
Type: SAS Viya configuration property
Default: **INFO**
Component: reportPersistence
See: [“About This Dictionary ” on page 17](#)

logging.level: com.sas.service.common

Valid in: logging.level configuration definition
Type: SAS Viya configuration property
Default: **INFO**
Component: reportPersistence
See: [“About This Dictionary ” on page 17](#)

logging.level: com.sas.risk

Valid in: logging.level configuration definition
Type: SAS Viya configuration property
Default: **INFO**
Component: riskPipeline
See: [“About This Dictionary ” on page 17](#)

Details

Risk Pipeline Service is the label that is used in SAS Environment Manager for the **riskPipeline** service.

logging.level: com.sas.so

Valid in: logging.level configuration definition
Type: SAS Viya configuration property
Default: **WARN**
Component: sizeOptimization
See: [“About This Dictionary ” on page 17](#)

logging.level: com.sas.svcs.file

Valid in: logging.level configuration definition
Type: SAS Viya configuration property
Default: **WARN**
Component: files
See: [“About This Dictionary ” on page 17](#)

logging.level: com.sas.workflow

Valid in: logging.level configuration definition
Type: SAS Viya configuration property
Default: **WARN**
Component: workflow
See: [“About This Dictionary ” on page 17](#)

logging.level: com.sas.workflow.definition

Valid in: logging.level configuration definition

Type: SAS Viya configuration property
Default: **WARN**
Component: workflowDefinition
See: [“About This Dictionary ” on page 17](#)

logging.level: org.apache.pdfbox

Valid in: logging.level configuration definition
Type: SAS Viya configuration property
Default: **ERROR**
Component: files
See: [“About This Dictionary ” on page 17](#)

logging.level: org.flowable

Valid in: logging.level configuration definition
Type: SAS Viya configuration property
Default: **WARN**
Component: workflow
See: [“About This Dictionary ” on page 17](#)

logging.level: org.flowable.engine.impl.persistence.entity

Valid in: logging.level configuration definition
Type: SAS Viya configuration property
Default: **WARN**
Component: workflow
See: [“About This Dictionary ” on page 17](#)

logging.level: org.hibernate

Valid in: logging.level configuration definition
Type: SAS Viya configuration property
Default: **WARN**
Component: workflow
See: [“About This Dictionary ” on page 17](#)

logging.level: org.hibernate.cache

Valid in: logging.level configuration definition
Type: SAS Viya configuration property
Default: **WARN**
Component: workflow
See: [“About This Dictionary ” on page 17](#)

logging.level: org.hibernate.hql

Valid in: logging.level configuration definition
Type: SAS Viya configuration property
Default: **WARN**
Component: workflow
See: [“About This Dictionary ” on page 17](#)

logging.level: org.hibernate.sql

Valid in: logging.level configuration definition
Type: SAS Viya configuration property
Default: **WARN**
Component: workflow

See: [“About This Dictionary ” on page 17](#)

logging.level: org.hibernate.type

Valid in: logging.level configuration definition

Type: SAS Viya configuration property

Default: **WARN**

Component: workflow

See: [“About This Dictionary ” on page 17](#)

logging.level: org.springframework

Valid in: logging.level configuration definition

Type: SAS Viya configuration property

Default: **WARN**

Components: workflowDefinition, workflow

See: [“About This Dictionary ” on page 17](#)

logging.level: org.springframework.boot

Valid in: logging.level configuration definition

Type: SAS Viya configuration property

Default: **WARN**

Component: riskPipeline

See: [“About This Dictionary ” on page 17](#)

Details

Risk Pipeline Service is the label that is used in SAS Environment Manager for the **riskPipeline** service.

logging.level: org.springframework.jdbc.core

Valid in:	logging.level configuration definition
Type:	SAS Viya configuration property
Default:	WARN
Component:	riskPipeline
See:	“About This Dictionary ” on page 17

Details

Risk Pipeline Service is the label that is used in SAS Environment Manager for the **riskPipeline** service.

logging.level: org.springframework.web.client

Valid in:	logging.level configuration definition
Type:	SAS Viya configuration property
Default:	WARN
Component:	riskPipeline
See:	“About This Dictionary ” on page 17

Details

Risk Pipeline Service is the label that is used in SAS Environment Manager for the **riskPipeline** service.

logging.level: org.springframework.transaction

Valid in:	logging.level configuration definition
Type:	SAS Viya configuration property
Default:	WARN

Component: workflow
See: [“About This Dictionary ” on page 17](#)

logon.callback - allowed.uris

Specifies a customized allowlist of additional trusted URIs.

Valid in: sas.logon.callback configuration definition
Type: SAS Viya configuration property
Default: -
Component: SAS Logon Manager
Security critical category: AUTHENTICATION
See: [“About This Dictionary ” on page 17](#)

Details

SAS application URIs and registered client redirect URIs are automatically allowed.

If configured, this property can contain a comma-delimited list of additional URIs that users can be redirected to after signing in following a time-out or log off.

logon.custom - login

The URI of the custom content that is included on the Sign In to SAS page.

Valid in: sas.logon.custom configuration definition
Type: SAS Viya configuration property
Default: -
Component: SAS Logon Manager
See: [“Display Custom Content for Sign-in, Sign-out, and Session Time-out” in SAS Viya Platform: Authentication](#)
[“About This Dictionary ” on page 17](#)

logon.custom - logout

The URI of the custom content that is included on the Sign In to SAS page when users sign out of the system.

Valid in:	sas.logon.custom configuration definition
Type:	SAS Viya configuration property
Default:	-
Component:	SAS Logon Manager
See:	“Display Custom Content for Sign-in, Sign-out, and Session Time-out” in SAS Viya Platform: Authentication “About This Dictionary ” on page 17

logon.custom - timedout

The URI of the custom content included on the time-out page.

Valid in:	sas.logon.custom configuration definition
Type:	SAS Viya configuration property
Default:	-
Component:	SAS Logon Manager
See:	“Display Custom Content for Sign-in, Sign-out, and Session Time-out” in SAS Viya Platform: Authentication “About This Dictionary ” on page 17

logon.groups - approvalExpirySeconds

When approving or denying access to a third-party application, specifies the number of seconds that the approval or denial should be remembered.

Valid in:	sas.logon.groups configuration definition
Type:	SAS Viya configuration property
Default:	-
Component:	SAS Logon Manager
Security critical category:	AUTHENTICATION
See:	“About This Dictionary ” on page 17

logon.groups - externalIdentity

Populates a claim in tokens with a site-specific identifier to be used with row-level security and SUB::SAS.ExternalIdentity.

Valid in:	sas.logon.groups configuration definition
Type:	SAS Viya configuration property
Default:	-
Component:	SAS Logon Manager
Security critical category:	IDENTITY INFORMATION
See:	“About This Dictionary ” on page 17

logon.groups - groupLookupRequired

Require groups to be determined for authentication to succeed.

Valid in:	sas.logon.groups configuration definition
Type:	SAS Viya configuration property
Default:	true
Component:	SAS Logon Manager
Security critical category:	IDENTITY INFORMATION
See:	“About This Dictionary ” on page 17

logon.initial - passwordResetLifetime

The number of milliseconds for which that the password reset code is valid after restart.

Valid in:	sas.logon.initial configuration definition
Type:	SAS Viya configuration property
Default:	86,400,000
Component:	SAS Logon Manager
Requirement:	Restart after modification
Security critical category:	AUTHENTICATION

See: [“About This Dictionary ” on page 17](#)

Details

See [“How to Secure the sasboot Password” in SAS Viya Platform: Identity Management](#).

logon.initial - redirectUri

The URI to which the initial user should be redirected after resetting the password.

Valid in:	sas.logon.initial configuration definition
Type:	SAS Viya configuration property
Default:	(see details)
Component:	SAS Logon Manager
Requirement:	Restart after modification
Security critical category:	AUTHENTICATION
See:	“About This Dictionary ” on page 17

Details

The default value is: `/SASEnvironmentManager/configuration`

logon.initial - reset.enabled

Displays a password reset link for the initial user account at start-up.

Valid in:	sas.logon.initial configuration definition
Type:	SAS Viya configuration property
Default:	-
Component:	SAS Logon Manager
Requirement:	Restart after modification
Security critical category:	AUTHENTICATION
See:	“How to Secure the sasboot Password” in SAS Viya Platform: Identity Management “About This Dictionary ” on page 17

logon.initial - user

The user name for the initial user account.

Valid in:	<code>sas.logon.initial</code> configuration definition
Type:	SAS Viya configuration property
Default:	<code>sasboot</code>
Component:	SAS Logon Manager
Requirement:	Restart after modification
Security critical category:	AUTHENTICATION
See:	“About This Dictionary ” on page 17

logon.jasig.cas - autolink

Automatically open the link to thiscentral authentication server provider when the login page is displayed.

Valid in:	<code>sas.logon.jasig.cas</code> configuration definition
Type:	SAS Viya configuration property
Default:	-
Component:	SAS Logon Manager
Requirement:	Restart after modification
Security critical category:	AUTHENTICATION
See:	“About This Dictionary ” on page 17

Details

The `logon.jasig.cas` configuration enables sign-ins using a Java in Administration Special Interest Group (Jasig) central authentication server (CAS) provider.

logon.jasig.cas - casServerUrl

The URL for the central authentication server provider.

Valid in:	sas.logon.jasig.cas configuration definition
Type:	SAS Viya configuration property
Default:	-
Component:	SAS Logon Manager
Requirement:	Restart after modification
Security critical category:	AUTHENTICATION
See:	“About This Dictionary ” on page 17

Details

The logon.jasig.cas configuration enables sign-ins using a Java in Administration Special Interest Group (Jasig) central authentication server (CAS) provider.

logon.jasig.cas - enabled

Enable sign-ins using a Java in Administration Special Interest Group (Jasig) central authentication server (CAS).

Valid in:	sas.logon.jasig.cas configuration definition
Type:	SAS Viya configuration property
Default:	false
Component:	SAS Logon Manager
Requirement:	Restart after modification
Security critical category:	AUTHENTICATION
See:	“About This Dictionary ” on page 17

Details

The logon.jasig.cas configuration enables sign-ins using a Java in Administration Special Interest Group (Jasig) central authentication server (CAS) provider.

logon.jasig.cas - keepalive.enabled

Keep the central authentication server session active by obtaining proxy tickets.

Valid in:	<code>sas.logon.jasig.cas</code> configuration definition
Type:	SAS Viya configuration property
Default:	false
Component:	SAS Logon Manager
Requirement:	Restart after modification
Security critical category:	AUTHENTICATION
See:	“About This Dictionary ” on page 17

Details

The `logon.jasig.cas` configuration enables sign-ins using a Java in Administration Special Interest Group (Jasig) central authentication server (CAS) provider.

logon.jasig.cas - keepalive.proxyTicketUrl

The URL to obtain proxy tickets for keepalive purposes.

Valid in:	<code>sas.logon.jasig.cas</code> configuration definition
Type:	SAS Viya configuration property
Default:	-
Component:	SAS Logon Manager
Requirement:	Restart after modification
Security critical category:	AUTHENTICATION
See:	“About This Dictionary ” on page 17

Details

The `logon.jasig.cas` configuration enables sign-ins using a Java in Administration Special Interest Group (Jasig) central authentication server (CAS) provider.

logon.jasig.cas - linkText

The hyperlink to display on the sign-in page.

Valid in:	<code>sas.logon.jasig.cas</code> configuration definition
-----------	---

Type:	SAS Viya configuration property
Default:	-
Component:	SAS Logon Manager
Requirement:	Restart after modification
See:	“About This Dictionary ” on page 17

Details

The logon.jasig.cas configuration enables sign-ins using a Java in Administration Special Interest Group (Jasig) central authentication server (CAS) provider.

logon.jasig.cas - sasLogonUrl

The URL of the SAS Logon Manager.

Valid in:	sas.logon.jasig.cas configuration definition
Type:	SAS Viya configuration property
Default:	-
Component:	SAS Logon Manager
Requirement:	Restart after modification
Security critical category:	AUTHENTICATION
See:	“About This Dictionary ” on page 17

Details

For example: <https://sas.example.com/SASLogon>.

The logon.jasig.cas configuration enables sign-ins using a Java in Administration Special Interest Group (Jasig) central authentication server (CAS) provider.

logon.jasig.cas - service.artifactParameter

The request parameter to look for when attempting to see whether a ticket was sent from the server.

Valid in:	sas.logon.jasig.cas configuration definition
Type:	SAS Viya configuration property

Default:	ticket
Component:	SAS Logon Manager
Requirement:	Restart after modification
Security critical category:	AUTHENTICATION
See:	“About This Dictionary ” on page 17

Details

The logon.jasig.cas configuration enables sign-ins using a Java in Administration Special Interest Group (Jasig) central authentication server (CAS) provider.

logon.jasig.cas - service.authenticateAllArtifacts

Process all tickets, including proxy tickets.

Valid in:	sas.logon.jasig.cas configuration definition
Type:	SAS Viya configuration property
Default:	false
Component:	SAS Logon Manager
Requirement:	Restart after modification
Security critical category:	AUTHENTICATION
See:	“About This Dictionary ” on page 17

Details

The logon.jasig.cas configuration enables sign-ins using a Java in Administration Special Interest Group (Jasig) central authentication server (CAS) provider.

logon.jasig.cas - service.sendRenew

Force the server to authenticate the user again, even if the user has previously authenticated.

Valid in:	sas.logon.jasig.cas configuration definition
Type:	SAS Viya configuration property
Default:	false

Component: SAS Logon Manager
Requirement: [Restart](#) after modification
See: [“About This Dictionary ” on page 17](#)

Details

The logon.jasig.cas configuration enables sign-ins using a Java in Administration Special Interest Group (Jasig) central authentication server (CAS) provider.

logon.jasig.cas - service.serviceParameter

The request parameter to send the server for this service.

Valid in: sas.logon.jasig.cas configuration definition
Type: SAS Viya configuration property
Default: **service**
Component: SAS Logon Manager
Requirement: [Restart](#) after modification
See: [“About This Dictionary ” on page 17](#)

Details

The logon.jasig.cas configuration enables sign-ins using a Java in Administration Special Interest Group (Jasig) central authentication server (CAS) provider.

logon.jasig.cas - showLinkText

Show the link text on the sign-in page.

Valid in: sas.logon.jasig.cas configuration definition
Type: SAS Viya configuration property
Default: **true**
Component: SAS Logon Manager
Requirement: [Restart](#) after modification
See: [“About This Dictionary ” on page 17](#)

Details

The logon.jasig.cas configuration enables sign-ins using a Java in Administration Special Interest Group (Jasig) central authentication server (CAS) provider.

logon.jasig.cas - single.signOn.enabled

Enable single sign-on.

Valid in:	sas.logon.jasig.cas configuration definition
Type:	SAS Viya configuration property
Default:	false
Component:	SAS Logon Manager
Requirement:	Restart after modification
Security critical category:	AUTHENTICATION
See:	“About This Dictionary ” on page 17

Details

The logon.jasig.cas configuration enables sign-ins using a Java in Administration Special Interest Group (Jasig) central authentication server (CAS) provider.

logon.jasig.cas - single.signOut.enabled

Local sign-out should sign user out of the central authentication server also.

Valid in:	sas.logon.jasig.cas configuration definition
Type:	SAS Viya configuration property
Default:	false
Component:	SAS Logon Manager
Requirement:	Restart after modification
Security critical category:	AUTHENTICATION
See:	“About This Dictionary ” on page 17

Details

The logon.jasig.cas configuration enables sign-ins using a Java in Administration Special Interest Group (Jasig) central authentication server (CAS) provider.

logon.jasig.cas - single.signOut.logoutParameterName

The parameter name that identifies a back channel single logoff request from the central authentication server.

Valid in:	sas.logon.jasig.cas configuration definition
Type:	SAS Viya configuration property
Default:	logoutRequest
Component:	SAS Logon Manager
Requirement:	Restart after modification
Security critical category:	AUTHENTICATION
See:	“About This Dictionary ” on page 17

Details

The logon.jasig.cas configuration enables sign-ins using a Java in Administration Special Interest Group (Jasig) central authentication server (CAS) provider.

logon.jasig.cas - service.validate.encoding

Encoding of the ticket validation response from the server.

Valid in:	sas.logon.jasig.cas configuration definition
Type:	SAS Viya configuration property
Default:	UTF-8
Component:	SAS Logon Manager
Requirement:	Restart after modification
See:	“About This Dictionary ” on page 17

Details

The logon.jasig.cas configuration enables sign-ins using a Java in Administration Special Interest Group (Jasig) central authentication server (CAS) provider.

logon.jasig.cas - validate.renew

Determine whether the ticket validation request should include a renew.

Valid in:	sas.logon.jasig.cas configuration definition
Type:	SAS Viya configuration property
Default:	false
Component:	SAS Logon Manager
Requirement:	Restart after modification
Security critical category:	AUTHENTICATION
See:	“About This Dictionary ” on page 17

Details

The logon.jasig.cas configuration enables sign-ins using a Java in Administration Special Interest Group (Jasig) central authentication server (CAS) provider.

logon.jwt - issuer.uri

The URI of the application, for the issuer claim in tokens

Valid in:	sas.logon.jwt configuration definition
Type:	SAS Viya configuration property
Default:	(see details)
Component:	SAS Logon Manager
Requirement:	Restart after modification
Security critical category:	AUTHENTICATION
See:	“About This Dictionary ” on page 17

Details

The logon.jwt configuration specifies how JSON web tokens are issued.

IMPORTANT When a new SAS Viya platform deployment has completed, you must set the external URI of your SAS Viya platform deployment. A JWT signing key and a self-signed certificate are automatically generated by the platform at start-up. If you prefer to apply your own service-provider key and certificate to your environment, you can configure them by updating the [logon.jwt-signingCert on page 328](#) and [logon.jwt - signingKey on page 329](#) properties.

Set the issuer.uri property to the external URI of your SAS Viya platform deployment.

- 1 Navigate to the **Configuration** page in SAS Environment Manager.
- 2 Select **Definitions** from the View: drop-down list.
- 3 Highlight **sas.logon.jwt** from the list. (Type *sas.logon* in the Filter window to filter the Definitions list.)
- 4 At the top right of the content pane, click **New Configuration**.
- 5 In the New sas.logon.jwt Configuration window, add the URI of your SAS Viya platform deployment that includes */SASLogon* to the **issuer.uri** property. Here is an example: **`https://example.com/SASLogon`**
- 6 Click **Save**.
- 7 You must restart SAS Logon Manager:

```
kubectl -n name-of-namespace delete pods -l app=sas-logon-app
```

Note: Previous settings are preserved, but SAS recommends that you perform this post-installation task.

logon.jwt - policy.accessTokenValiditySeconds

The default number of seconds that access tokens are valid for after being issued in the default zone.

Valid in:	sas.logon.jwt configuration definition
Type:	SAS Viya configuration property
Default:	3,600
Component:	SAS Logon Manager
Requirement:	Restart after modification

Security critical category: AUTHENTICATION

See: [“About This Dictionary ” on page 17](#)

Details

Note that the default of 3,600s (1 hour), might not be sufficient for very large models.

The logon.jwt configuration specifies how JSON web tokens are issued.

logon.jwt - policy.global.accessTokenValiditySeconds

The default number of seconds that access tokens are valid for after being issued in all zones.

Valid in: sas.logon.jwt configuration definition

Type: SAS Viya configuration property

Default: 3,600

Component: SAS Logon Manager

Requirement: [Restart](#) after modification

Security critical category: AUTHENTICATION

See: [“About This Dictionary ” on page 17](#)

Details

Note that the default of 3,600s (1 hour), might not be sufficient for very large models.

The logon.jwt configuration specifies how JSON web tokens are issued.

logon.jwt - policy.global.refreshTokenValiditySeconds

The default number of seconds that refresh tokens are valid for after being issued in all zones.

Valid in: sas.logon.jwt configuration definition

Type:	SAS Viya configuration property
Default:	1,209,600 (14 days)
Component:	SAS Logon Manager
Requirement:	Restart after modification
Security critical category:	AUTHENTICATION
See:	“About This Dictionary ” on page 17

Details

The logon.jwt configuration specifies how JSON web tokens are issued.

logon.jwt - policy.refreshTokenValiditySeconds

The default number of seconds that refresh tokens are valid for after being issued in the default zone.

Valid in:	sas.logon.jwt configuration definition
Type:	SAS Viya configuration property
Default:	1,209,600 (14 days)
Component:	SAS Logon Manager
Requirement:	Restart after modification
Security critical category:	AUTHENTICATION
See:	“About This Dictionary ” on page 17

Details

The logon.jwt configuration specifies how JSON web tokens are issued.

logon.jwt - refresh.restrictGrant

This parameter is no longer used.

Valid in:	sas.logon.jwt configuration definition
Type:	SAS Viya configuration property

Default:	false
Component:	SAS Logon Manager
Requirement:	Restart after modification
Security critical category:	AUTHENTICATION
See:	“About This Dictionary ” on page 17

logon.jwt - signingCert

See details.

Valid in:	sas.logon.jwt configuration definition
Type:	SAS Viya configuration property
Default:	-
Component:	SAS Logon Manager
Requirement:	Restart after modification
Security critical category:	AUTHENTICATION
See:	“About This Dictionary ” on page 17

Details

The Base64-encoded X509 certificate that can be used to validate tokens signed with the private key. This parameter is deprecated. To override the system-generated certificate, see the `README.md` file at `$deploy/sas-bases/examples/sas-logon-app/jwt`. Enter a value only if you wish to override the system-generated RSA private key and use JWT client authentication with an external OIDC provider.

Starting with 2026.05, the SAS Security Certificate Framework (sas-certframe) can generate and manage the RSA key pair and certificates that are used for signing JSON web tokens (JWTs). New deployments of SAS Viya platform automatically have this new functionality. Previously, the signing key and certificate used for JSON web tokens (JWTs) were automatically generated and stored in SAS Configuration Server (Consul). For more information on converting your deployment to use the SAS Security Certificate Framework, see [“\(OIDC\) Remove Signing Key and Certificate from SAS Configuration Server” in SAS Viya Platform: Authentication](#).

logon.jwt - signingKey

See details.

Valid in:	sas.logon.jwt configuration definition
Type:	SAS Viya configuration property
Default:	-
Component:	SAS Logon Manager
Requirement:	Restart after modification
Security critical category:	AUTHENTICATION
See:	“About This Dictionary ” on page 17

Details

The Base64-encoded RSA private key in PKCS #1 format that is used to digitally sign tokens. This parameter is deprecated. To override the system-generated RSA private key, see the `README.md` file at `$deploy/sas-bases/examples/sas-logon-app/jwt`.

Starting with 2026.05, the SAS Security Certificate Framework (sas-certframe) can generate and manage the RSA key pair and certificates that are used for signing JSON web tokens (JWTs). New deployments of SAS Viya platform automatically have this new functionality. Previously, the signing key and certificate used for JSON web tokens (JWTs) were automatically generated and stored in SAS Configuration Server (Consul). For more information on converting your deployment to use the SAS Security Certificate Framework, see [“\(OIDC\) Remove Signing Key and Certificate from SAS Configuration Server” in SAS Viya Platform: Authentication](#).

logon.kerberos - debug

Enables the debug mode of the JAAS Kerberos login module.

Valid in:	sas.logon.kerberos configuration definition
Type:	SAS Viya configuration property
Default:	false
Component:	SAS Logon Manager
Security critical category:	AUTHENTICATION

See: [“Authentication with Kerberos” in SAS Viya Platform Identity and Access Management: Fundamentals](#)
[“Kerberos Authentication” in SAS Viya Platform: Authentication](#)
[“About This Dictionary ” on page 17](#)

Details

The logon.kerberos configuration enables sign-ins using Integrated Windows Authentication (IWA).

logon.kerberos - disableDelegationWarning

Disables the warning message that is displayed to users when Kerberos credential delegation is not properly configured.

Valid in: sas.logon.kerberos configuration definition
Type: SAS Viya configuration property
Default: **false**
Component: SAS Logon Manager
See: [“Authentication with Kerberos” in SAS Viya Platform Identity and Access Management: Fundamentals](#)
[“Kerberos Authentication” in SAS Viya Platform: Authentication](#)
[“About This Dictionary ” on page 17](#)

Details

The logon.kerberos configuration enables sign-ins using Integrated Windows Authentication (IWA).

logon.kerberos - holdOnToGSSContext

Enables Kerberos delegation to SAS Cloud Analytic Services.

Valid in: sas.logon.kerberos configuration definition
Type: SAS Viya configuration property
Default: **false**
Component: SAS Logon Manager

Security critical
category: AUTHENTICATION

See: [“Authentication with Kerberos” in SAS Viya Platform Identity and Access Management: Fundamentals](#)
[“Kerberos Authentication” in SAS Viya Platform: Authentication](#)
[“About This Dictionary ” on page 17](#)

Details

The logon.kerberos configuration enables sign-ins using Integrated Windows Authentication (IWA).

logon.kerberos - impersonate

Impersonate user credentials using Microsoft S4USELF extension to Kerberos for outgoing connections.

Valid in: sas.logon.kerberos configuration definition

Type: SAS Viya configuration property

Default: **false**

Component: SAS Logon Manager

Security critical
category: AUTHENTICATION

See: [“Authentication with Kerberos” in SAS Viya Platform Identity and Access Management: Fundamentals](#)
[“Kerberos Authentication” in SAS Viya Platform: Authentication](#)
[“About This Dictionary ” on page 17](#)

Details

The logon.kerberos configuration enables sign-ins using Integrated Windows Authentication (IWA).

logon.kerberos - keyTabLocation

The URL of the keytab file.

Valid in: sas.logon.kerberos configuration definition

Type: SAS Viya configuration property

Default:	-
Component:	SAS Logon Manager
Security critical category:	AUTHENTICATION
See:	“Authentication with Kerberos” in SAS Viya Platform Identity and Access Management: Fundamentals “Kerberos Authentication” in SAS Viya Platform: Authentication “About This Dictionary ” on page 17

Details

Here is an example value: file:/opt/sas/viya/conf/etc/my_keytab.

The logon.kerberos configuration enables sign-ins using Integrated Windows Authentication (IWA).

logon.kerberos - servicePrincipal

The name of the service principal in the keytab.

Valid in:	sas.logon.kerberos configuration definition
Type:	SAS Viya configuration property
Default:	-
Component:	SAS Logon Manager
Security critical category:	AUTHENTICATION
See:	“Authentication with Kerberos” in SAS Viya Platform Identity and Access Management: Fundamentals “Kerberos Authentication” in SAS Viya Platform: Authentication “About This Dictionary ” on page 17

Details

The logon.kerberos configuration enables sign-ins using Integrated Windows Authentication (IWA).

logon.kerberos - spn

The HTTP service principal name (SPN), if different from the principal name in the keytab.

Valid in:	sas.logon.kerberos configuration definition
Type:	SAS Viya configuration property
Default:	-
Component:	SAS Logon Manager
See:	“Authentication with Kerberos” in SAS Viya Platform Identity and Access Management: Fundamentals “Kerberos Authentication” in SAS Viya Platform: Authentication “About This Dictionary ” on page 17

Details

The logon.kerberos configuration enables sign-ins using Integrated Windows Authentication (IWA).

logon.kerberos - stripRealmForGss

When enabled, strips the realm (@...) from the user name.

Valid in:	sas.logon.kerberos configuration definition
Type:	SAS Viya configuration property
Default:	true
Component:	SAS Logon Manager
See:	“Authentication with Kerberos” in SAS Viya Platform Identity and Access Management: Fundamentals “Kerberos Authentication” in SAS Viya Platform: Authentication “About This Dictionary ” on page 17

Details

The logon.kerberos configuration enables sign-ins using Integrated Windows Authentication (IWA).

logon.oauth.providers - additionalAuthzParameters

Additional parameters to send to the provider for the authorization code flow.

Valid in:	sas.logon.oauth.providers configuration definition
Type:	SAS Viya configuration property
Default:	-
Component:	SAS Logon Manager
Security critical category:	AUTHENTICATION
See:	“Configure OAuth and OIDC” in SAS Viya Platform: Authentication “About This Dictionary ” on page 17

Details

The logon.oauth.providers configuration enables sign-ins using an external provider.

This property is optional.

logon.oauth.providers - addShadowUserOnLogin

Add a local shadow user upon successful authentication.

Valid in:	sas.logon.oauth.providers configuration definition
Type:	SAS Viya configuration property
Default:	true
Component:	SAS Logon Manager
Security critical category:	AUTHENTICATION
See:	“Configure OAuth and OIDC” in SAS Viya Platform: Authentication “About This Dictionary ” on page 17

Details

The logon.oauth.providers configuration enables sign-ins using an external provider.

This property is required within any logon.oauth.providers configuration and should always be set to true. If set to false, users must be pre-created in the database to log on.

See [“Configure OIDC Provider Properties for Okta” in SAS Viya Platform: Authentication](#) when you configure OIDC with Okta.

logon.oauth.providers - attributeMappings.external_groups

The attribute claim to use for group memberships.

Valid in:	sas.logon.oauth.providers configuration definition
Type:	SAS Viya configuration property
Default:	-
Component:	SAS Logon Manager
Security critical category:	AUTHENTICATION
See:	“Configure OAuth and OIDC” in SAS Viya Platform: Authentication “About This Dictionary ” on page 17

Details

This property is available starting with 2024.11.

This field is optional.

When LDAP is configured for identity management, this setting can be used to avoid LDAP lookups when users log in.

Note: LDAP directory lookups still occur at other times.

Verify that the attribute for the ID token claims has been configured at the IdP. The attribute must be available from the ID token and must match the LDAP configuration for the group accountId mapping. Use this setting in conjunction with **groupMappingMode**.

This setting should not be used with a SCIM identity provider. For more information, see [“Efficient Retrieval of LDAP Group Information” in SAS Viya Platform: Authentication](#).

logon.oauth.providers - attributeMappings.user_name

The attribute claim to use as the user name.

Valid in:	sas.logon.oauth.providers configuration definition
Type:	SAS Viya configuration property
Default:	email
Component:	SAS Logon Manager
Security critical category:	AUTHENTICATION
See:	“Configure OAuth and OIDC” in SAS Viya Platform: Authentication “About This Dictionary ” on page 17

Details

The logon.oauth.providers configuration enables sign-ins using an external provider.

The value specified might be dependent on the scopes option. This field is required

See [“Configure OIDC Provider Properties for Okta” in SAS Viya Platform: Authentication](#) when you configure OIDC with Okta.

logon.oauth.providers - authDomain

The URL to the authorization endpoint.

Valid in:	sas.logon.oauth.providers configuration definition
Type:	SAS Viya configuration property
Default:	-
Component:	SAS Logon Manager
Security critical category:	AUTHENTICATION
See:	“Configure OAuth and OIDC” in SAS Viya Platform: Authentication “About This Dictionary ” on page 17

Details

This field is required within any logon.oauth.providers configuration.

The logon.oauth.providers configuration enables sign-ins using an external provider.

See [“Configure OIDC Provider Properties for Okta” in SAS Viya Platform: Authentication](#) when you configure OIDC with Okta.

logon.oauth.providers - cacheJwks

Cache the remote JSON web key (JWK) set used to validate ID tokens.

Valid in:	sas.logon.oauth.providers configuration definition
Type:	SAS Viya configuration property
Default:	true
Component:	SAS Logon Manager
Security critical category:	AUTHENTICATION
See:	“Configure OAuth and OIDC” in SAS Viya Platform: Authentication “About This Dictionary ” on page 17

Details

Disable this option if the JWKs changes frequently.

The logon.oauth.providers configuration enables sign-ins using an external provider.

See [“Configure OIDC Provider Properties for Okta” in SAS Viya Platform: Authentication](#) when you configure OIDC with Okta.

logon.oauth.providers - clientAuthInBody

Include the client credentials in the request body.

Valid in:	sas.logon.oauth.providers configuration definition
Type:	SAS Viya configuration property
Default:	false
Component:	SAS Logon Manager
Security critical category:	AUTHENTICATION

See: [“Configure OAuth and OIDC” in SAS Viya Platform: Authentication](#)
[“About This Dictionary ” on page 17](#)

Details

This field is optional. Except you must enable this setting when configuring an Okta provider. See [“Configure OIDC Provider Properties for Okta” in SAS Viya Platform: Authentication](#) when you configure OIDC with Okta.

The logon.oauth.providers configuration enables sign-ins using an external provider.

logon.oauth.providers - discoveryUrl

The URL used to discover the provider and obtain information needed to interact with it.

Valid in: sas.logon.oauth.providers configuration definition

Type: SAS Viya configuration property

Default: -

Component: SAS Logon Manager

Security critical category: AUTHENTICATION

See: [“Configure OAuth and OIDC” in SAS Viya Platform: Authentication](#)
[“About This Dictionary ” on page 17](#)

Details

The logon.oauth.providers configuration enables sign-ins using an external provider.

IMPORTANT This field is optional. However, if a value is not specified, you must enter values for the [“logon.oauth.providers - issuer” on page 340](#) field and either the [“logon.oauth.providers - tokenKey” on page 347](#) or [“logon.oauth.providers - tokenKeyUrl” on page 347](#) field.

logon.oauth.providers - emailDomain

The comma-delimited list of possible email address domains of users that can sign on with this provider.

Valid in:	sas.logon.oauth.providers configuration definition
Type:	SAS Viya configuration property
Default:	-
Component:	SAS Logon Manager
Security critical category:	AUTHENTICATION
See:	“Configure OAuth and OIDC” in SAS Viya Platform: Authentication “About This Dictionary ” on page 17

Details

It is used with IdP discovery. This field is optional.

The logon.oauth.providers configuration enables sign-ins using an external provider.

logon.oauth.providers - groupMappingMode

See details.

Valid in:	sas.logon.oauth.providers configuration definition
Type:	SAS Viya configuration property
Default:	AS_SCOPES
Component:	SAS Logon Manager
Security critical category:	AUTHENTICATION
See:	“Configure OAuth and OIDC” in SAS Viya Platform: Authentication “About This Dictionary ” on page 17

Details

This property is available starting with 2024.11.

This property is optional.

This property specifies how external groups are mapped when a value for **attributeMappings.external_groups** is provided. The default value, *AS_SCOPES*, specifies that all external groups as they are configured in LDAP are used. Select *EXPLICITLY_MAPPED* to specify a mapping of groups that should be used.

Leave as the default unless directed otherwise by SAS Technical Support.

logon.oauth.providers - issuer

The principal that issued the token, as a case-sensitive string or URI.

Valid in:	sas.logon.oauth.providers configuration definition
Type:	SAS Viya configuration property
Default:	-
Component:	SAS Logon Manager
Security critical category:	AUTHENTICATION
See:	“Configure OAuth and OIDC” in SAS Viya Platform: Authentication “About This Dictionary ” on page 17

Details

The logon.oauth.providers configuration enables sign-ins using an external provider.

This value must match the issue claim in the token. This field is optional if you specify a value for the **discoveryUrl** field.

IMPORTANT If your environment includes multiple OIDC IdPs, they must have unique values for issuer.

logon.oauth.providers - jwtclientAuthentication

Use OIDC private key JSON web tokens (JWTs) for client authentication.

Valid in:	sas.logon.oauth.providers configuration definition
Type:	SAS Viya configuration property
Default:	false
Component:	SAS Logon Manager
Security critical category:	AUTHENTICATION
See:	“Configure OAuth and OIDC” in SAS Viya Platform: Authentication “About This Dictionary ” on page 17

Details

The public key must be registered with the provider. Only effective if relyingPartySecret is not set.

The logon.oauth.providers configuration enables sign-ins using an external provider.

logon.oauth.providers - linkText

The text that should be displayed on the sign-in page for this provider.

Valid in:	sas.logon.oauth.providers configuration definition
Type:	SAS Viya configuration property
Default:	-
Component:	SAS Logon Manager
See:	“Configure OAuth and OIDC” in SAS Viya Platform: Authentication “About This Dictionary ” on page 17

Details

This field is optional. Use your corporate credentials

The logon.oauth.providers configuration enables sign-ins using an external provider.

logon.oauth.providers - logoutUrl

The URL to which SAS Viya should perform a redirect to request that the End-User be logged out at the provider.

Valid in:	sas.logon.oauth.providers configuration definition
Type:	SAS Viya configuration property
Default:	-
Component:	SAS Logon Manager
Security critical category:	AUTHENTICATION
See:	“Configure OAuth and OIDC” in SAS Viya Platform: Authentication “About This Dictionary ” on page 17

Details

If you want to use single sign-out, enter the URL to which SAS Viya should perform a redirect with a request to the provider to log the user out. If you specified a `discoveryUrl`, the URL from the `end_session_endpoint` field in the provider's OpenID Connect configuration file is used automatically.

If you do not want to use single sign-out, do not specify a `discoveryUrl` and leave this field blank.

This field is optional.

The `logon.oauth.providers` configuration enables sign-ins using an external provider.

logon.oauth.providers - name

A unique name for this identity provider.

Valid in:	<code>sas.logon.oauth.providers</code> configuration definition
Type:	SAS Viya configuration property
Default:	-
Component:	SAS Logon Manager
See:	“Configure OAuth and OIDC” in SAS Viya Platform: Authentication “About This Dictionary ” on page 17

Details

Do not use spaces, periods or other special characters. Do not exceed 36 characters in length. This field is required within any `logon.oauth.providers` configuration.

Sample values include `azure` and `okta`.

IMPORTANT Do not include a space, a period (.), or other special characters in the value specified for the name. If they are included, SAS Logon Manager does not start and you have to use the SAS Bootstrap Config CLI to fix it.

The `logon.oauth.providers` configuration enables sign-ins using an external provider.

logon.oauth.providers - omitIdTokenHintOnLogout

Omit ID token hint parameter on logout request sent to the identity provider.

Valid in:	sas.logon.oauth.providers configuration definition
Type:	SAS Viya configuration property
Default:	false
Component:	SAS Logon Manager
See:	“Configure OAuth and OIDC” in SAS Viya Platform: Authentication “About This Dictionary ” on page 17

logon.oauth.providers - passwordGrantEnabled

Enable the Resource Owner Password Grant flow for this identity provider.

Valid in:	sas.logon.oauth.providers configuration definition
Type:	SAS Viya configuration property
Default:	false
Component:	SAS Logon Manager
See:	“Configure OAuth and OIDC” in SAS Viya Platform: Authentication “About This Dictionary ” on page 17

Details

This field is optional. You can use this field in conjunction with the `defaultIdentityProvider` option that is used to bypass SAS Logon Manager. For more information, see [Bypass SAS Logon Manager](#).

If you do not use the `defaultIdentityProvider` option, you can still use the resource owner password grant with this identity provider by specifying the `login_hint` parameter. The value of the `login_hint` parameter is JSON text. The JSON should contain a single "origin" attribute and value that correspond to the name given to this identity provider in the previous configuration property - [name on page 342](#) field.

The JSON must be URL-encoded. Here is an example of the syntax: `login_hint=%7B%22origin%22%3A%22azure%22%7D`. The `login_hint` parameter can be added as a query string parameter to `/SASLogon/login`, or it can be specified when making a token request using the password grant.

logon.oauth.providers - performRplInitiatedLogout

Initiate a log out from the provider when users sign-out of a SAS Viya session.

Valid in:	sas.logon.oauth.providers configuration definition
-----------	--

Type:	SAS Viya configuration property
Default:	false
Component:	SAS Logon Manager
Security critical category:	AUTHENTICATION
See:	“Configure OAuth and OIDC” in SAS Viya Platform: Authentication “About This Dictionary ” on page 17

Details

It requires a value for either **logoutUrl** or **discoveryUrl**. If you specify a **discoveryUrl**, the OIDC identity provider configuration must include an **end_session_endpoint** field.

This field is optional.

logon.oauth.providers - relyingPartyId

The client ID registered in the provider.

Valid in:	sas.logon.oauth.providers configuration definition
Type:	SAS Viya configuration property
Default:	-
Component:	SAS Logon Manager
Security critical category:	AUTHENTICATION
See:	“Configure OAuth and OIDC” in SAS Viya Platform: Authentication “About This Dictionary ” on page 17

Details

This field is required within any logon.oauth.providers configuration.

Use the following format: account-name-OAuth

The logon.oauth.providers configuration enables sign-ins using an external provider.

logon.oauth.providers - relyingPartySecret

The secret registered in the provider for the client ID.

Valid in:	sas.logon.oauth.providers configuration definition
Type:	SAS Viya configuration property
Default:	-
Component:	SAS Logon Manager
Security critical category:	AUTHENTICATION
See:	“Configure OAuth and OIDC” in SAS Viya Platform: Authentication “About This Dictionary ” on page 17

Details

This field is optional. This field must be blank if you are enabling JWT client authentication. See the description of the **jwtclientAuthentication** field for more information.

The logon.oauth.providers configuration enables sign-ins using an external provider.

logon.oauth.providers - responseType

The expected response type, typically 'code'.

Valid in:	sas.logon.oauth.providers configuration definition
Type:	SAS Viya configuration property
Default:	code
Component:	SAS Logon Manager
See:	“Configure OAuth and OIDC” in SAS Viya Platform: Authentication “About This Dictionary ” on page 17

Details

This field is required within any logon.oauth.providers configuration.

The logon.oauth.providers configuration enables sign-ins using an external provider.

logon.oauth.providers - scopes

The comma-delimited list of scopes for the authorization request.

Valid in:	sas.logon.oauth.providers configuration definition
Type:	SAS Viya configuration property
Default:	openid
Component:	SAS Logon Manager
Security critical category:	AUTHENTICATION
See:	“Configure OAuth and OIDC” in SAS Viya Platform: Authentication “About This Dictionary ” on page 17

Details

The list should contain `openid`. This field is required within any `logon.oauth.providers` configuration.

The `logon.oauth.providers` configuration enables sign-ins using an external provider.

logon.oauth.providers - showLinkText

Shows the link text on the sign-in page.

Valid in:	sas.logon.oauth.providers configuration definition
Type:	SAS Viya configuration property
Default:	true
Component:	SAS Logon Manager
See:	“Configure OAuth and OIDC” in SAS Viya Platform: Authentication “About This Dictionary ” on page 17

Details

This field is required within any `logon.oauth.providers` configuration.

The `logon.oauth.providers` configuration enables sign-ins using an external provider.

logon.oauth.providers - tokenKey

The key that is used to verify token signatures.

Valid in:	sas.logon.oauth.providers configuration definition
Type:	SAS Viya configuration property
Default:	-
Component:	SAS Logon Manager
Security critical category:	AUTHENTICATION
See:	“Configure OAuth and OIDC” in SAS Viya Platform: Authentication “About This Dictionary ” on page 17

Details

Optionally, you may specify the entire JSON contents from the URI of the provider's JSON web keys (JWKs) as the value.

The logon.oauth.providers configuration enables sign-ins using an external OAuth/OIDC provider.

logon.oauth.providers - tokenKeyUrl

The public key that is used to sign tokens that are either directly entered into SAS Environment Manager or provided at the given URL.

Valid in:	sas.logon.oauth.providers configuration definition
Type:	SAS Viya configuration property
Default:	-
Component:	SAS Logon Manager
Security critical category:	AUTHENTICATION
See:	“Configure OAuth and OIDC” in SAS Viya Platform: Authentication “About This Dictionary ” on page 17

Details

From the browser where you loaded the OpenID Connect metadata document, locate the **jwks_uri** field. This field is optional if you specify a value for **discoveryUrl**.

The `logon.oauth.providers` configuration enables sign-ins using an external OAuth/OIDC provider.

Note: While logging on, if you receive an error message indicating that the signing key cannot be found or that the token signature could not be verified in order to validate the ID token, add `?appid=application-client-ID` to the URL. Here is an example: `https://login.microsoftonline.com/2b34b84d-489f-4f71-ba55-0225369e1c9b/discovery/v2.0/keys?appid=application-client-ID`. If a value for the **discoveryUrl** field is not specified, the **tokenKeyUrl** option must be specified.

logon.oauth.providers - tokenUrl

The endpoint on the OIDC provider where tokens are issued.

Valid in:	<code>sas.logon.oauth.providers</code> configuration definition
Type:	SAS Viya configuration property
Default:	-
Component:	SAS Logon Manager
Security critical category:	AUTHENTICATION
See:	“Configure OAuth and OIDC” in SAS Viya Platform: Authentication “About This Dictionary ” on page 17

Details

From the Microsoft Entra ID Endpoints page, use the OAuth 2.0 token endpoint (v2) value. This field is required.

logon.provider.guest - enabled

Enable anonymous guest access to web applications.

Valid in:	<code>sas.logon.provider.guest</code> configuration definition
Type:	SAS Viya configuration property
Default:	false

Component:	SAS Logon Manager
Security critical category:	AUTHENTICATION
See:	“Guest Access ” in SAS Viya Platform: Authentication “About This Dictionary ” on page 17

Details

This field is required within any logon.oauth.providers configuration.

logon.saml - deprecated

Please use sas.logon.saml.sp instead.

Valid in:	sas.logon.saml configuration definition
Type:	SAS Viya configuration property
Default:	-
Component:	SAS Logon Manager
Security critical category:	AUTHENTICATION
See:	“Configure SAML” in SAS Viya Platform: Authentication “About This Dictionary ” on page 17

logon.saml.providers - addShadowUserOnLogin

Add a local shadow user upon successful authentication.

Valid in:	sas.logon.saml.providers configuration definition
Type:	SAS Viya configuration property
Default:	true
Component:	SAS Logon Manager
Security critical category:	AUTHENTICATION
See:	“Configure SAML” in SAS Viya Platform: Authentication “About This Dictionary ” on page 17

Details

This option should always be set to On true. If set to false, users must be pre-created in the database to log on.

logon.saml.providers - assertionConsumerIndex

The index of the assertion consumer service to use from identity provider metadata.

Valid in:	sas.logon.saml.providers configuration definition
Type:	SAS Viya configuration property
Default:	0
Component:	SAS Logon Manager
Security critical category:	AUTHENTICATION
See:	“Configure SAML” in SAS Viya Platform: Authentication “About This Dictionary ” on page 17

Details

The value must be a non-negative integer.

logon.saml.providers - attributeMappings.external_groups

The attribute claim to use for group memberships.

Valid in:	sas.logon.saml.providers configuration definition
Type:	SAS Viya configuration property
Default:	-
Component:	SAS Logon Manager
Security critical category:	AUTHENTICATION
See:	“Configure SAML” in SAS Viya Platform: Authentication “About This Dictionary ” on page 17

Details

(Optional) Available starting with 2024.11. Specifies the attribute claim to use for group memberships. When LDAP is configured for identity management, this setting can be used to avoid LDAP lookups when users log in.

Note: LDAP directory lookups still occur at other times.

The attribute must be available from the SAML claim and must match the LDAP configuration for the group accountId mapping. Use this setting in conjunction with **groupMappingMode**. This setting should not be used with a SCIM identity provider. For more information, see [“Efficient Retrieval of LDAP Group Information” in SAS Viya Platform: Authentication](#).

logon.saml.providers - authnContext

The comma-delimited list of authentication contexts to include in SAML requests to the identity provider.

Valid in:	sas.logon.saml.providers configuration definition
Type:	SAS Viya configuration property
Default:	-
Component:	SAS Logon Manager
Security critical category:	AUTHENTICATION
See:	“Configure SAML” in SAS Viya Platform: Authentication “About This Dictionary ” on page 17

Details

This field is optional.

logon.saml.providers - emailDomain

The comma-delimited list of possible email address domains of users that can sign on with this provider.

Valid in:	sas.logon.saml.providers configuration definition
Type:	SAS Viya configuration property
Default:	-

Component:	SAS Logon Manager
Security critical category:	AUTHENTICATION
See:	“Configure SAML” in SAS Viya Platform: Authentication “About This Dictionary ” on page 17

Details

This field is optional.

logon.saml.providers - groupMappingMode

Specifies how external groups are mapped when a value for **attributeMappings.external_groups** is provided.

Valid in:	sas.logon.saml.providers configuration definition
Type:	SAS Viya configuration property
Default:	AS_SCOPES
Component:	SAS Logon Manager
Security critical category:	AUTHENTICATION
See:	“Configure SAML” in SAS Viya Platform: Authentication “About This Dictionary ” on page 17

Details

(Optional) Available starting with 2024.11. The default value, AS_SCOPES, specifies that all external groups as they are configured in LDAP are used. Select **EXPLICITLY_MAPPED** to specify a mapping of groups that should be used.

Leave as the default unless directed otherwise by SAS Technical Support.

logon.saml.providers - idpMetadata

The identity provider metadata or the URL to the metadata.

Valid in:	sas.logon.saml.providers configuration definition
Type:	SAS Viya configuration property

Default:	-
Component:	SAS Logon Manager
Security critical category:	AUTHENTICATION
See:	“Configure SAML” in SAS Viya Platform: Authentication “About This Dictionary ” on page 17

logon.saml.providers - linkText

The hyperlink to display on the sign-in page.

Valid in:	sas.logon.saml.providers configuration definition
Type:	SAS Viya configuration property
Default:	-
Component:	SAS Logon Manager
See:	“Configure SAML” in SAS Viya Platform: Authentication “About This Dictionary ” on page 17

logon.saml.providers - metadataTrustCheck

The identity provider certificate must be trusted.

Valid in:	sas.logon.saml.providers configuration definition
Type:	SAS Viya configuration property
Default:	true
Component:	SAS Logon Manager
Security critical category:	AUTHENTICATION
See:	“Configure SAML” in SAS Viya Platform: Authentication “About This Dictionary ” on page 17

logon.saml.providers - name

A unique name for this identity provider.

Valid in:	sas.logon.saml.providers configuration definition
Type:	SAS Viya configuration property

Default: -

Component: SAS Logon Manager

See: [“Configure SAML” in SAS Viya Platform: Authentication](#)
[“About This Dictionary ” on page 17](#)

Details

Do not use a space, periods or other special characters. Do not exceed 36 characters in length.

IMPORTANT Do not include a space, a period (.), or other special characters in the value specified for the name. If they are included, SAS Logon Manager does not start and you have to use the SAS Bootstrap Config CLI to fix it.

logon.saml.providers - nameID

The default name ID format.

Valid in: sas.logon.saml.providers configuration definition

Type: SAS Viya configuration property

Default: (see details)

Component: SAS Logon Manager

See: [“Configure SAML” in SAS Viya Platform: Authentication](#)
[“About This Dictionary ” on page 17](#)

Details

The default value is:

urn:oasis:names:tc:SAML:1.1:nameid-format:unspecified

logon.saml.providers - showSamlLoginLink

Display a link to the identity provider on the sign-in page.

Valid in: sas.logon.saml.providers configuration definition

Type:	SAS Viya configuration property
Default:	true
Component:	SAS Logon Manager
See:	“Configure SAML” in SAS Viya Platform: Authentication “About This Dictionary ” on page 17

logon.saml.providers - skipSslValidation

Skip TLS validation of the certificate.

Valid in:	sas.logon.saml.providers configuration definition
Type:	SAS Viya configuration property
Default:	false
Component:	SAS Logon Manager
Security critical category:	AUTHENTICATION
See:	“Configure SAML” in SAS Viya Platform: Authentication “About This Dictionary ” on page 17

logon.saml.sp - entityID

The unique ID that represents the service provider that is included in protocol messages between relying parties

Valid in:	sas.logon.saml.sp configuration definition
Type:	SAS Viya configuration property
Default:	-
Component:	SAS Logon Manager
Requirement:	Restart after modification
See:	“Configure SAML” in SAS Viya Platform: Authentication “About This Dictionary ” on page 17

Details

Change from the default value that is pre-populated. This field is required.

IMPORTANT If your environment includes multiple SAML IdPs, they must have unique entityID values.

The Security Assertion Markup Language (SAML) properties are used to enable sign-ins using an external identity provider.

logon.saml.sp - entityIDAlias

The alias for the entity ID to use in the various SAML URLs such as the AssertionConsumerService URL.

Valid in:	sas.logon.saml.sp configuration definition
Type:	SAS Viya configuration property
Default:	-
Component:	SAS Logon Manager
Requirement:	Restart after modification
See:	“Configure SAML” in SAS Viya Platform: Authentication “About This Dictionary ” on page 17

Details

The alias should not require URL-encoding. If this parameter is not set, the entity ID will be used in the SAML URLs instead.

The Security Assertion Markup Language (SAML) properties are used to enable sign-ins using an external identity provider.

logon.saml.sp - maxAuthenticationAge

The maximum time in seconds between users' initial authentication with the IDP and processing of an authentication statement.

Valid in:	sas.logon.saml.sp configuration definition
Type:	SAS Viya configuration property
Default:	864,000
Component:	SAS Logon Manager
Requirement:	Restart after modification
See:	“Configure SAML” in SAS Viya Platform: Authentication “About This Dictionary ” on page 17

Details

This field is optional.

The Security Assertion Markup Language (SAML) properties are used to enable sign-ins using an external identity provider.

logon.saml.sp - signatureAlgorithm

The algorithm for SAML signatures. Accepts SHA1, SHA256, and SHA512.

Valid in:	sas.logon.saml.sp configuration definition
Type:	SAS Viya configuration property
Default:	SHA256
Component:	SAS Logon Manager
Requirement:	Restart after modification
See:	“Configure SAML” in SAS Viya Platform: Authentication “About This Dictionary ” on page 17

Details

This field is optional.

The Security Assertion Markup Language (SAML) properties are used to enable sign-ins using an external identity provider.

logon.saml.sp - signMetadata

The local service provider should sign metadata.

Valid in:	sas.logon.saml.sp configuration definition
Type:	SAS Viya configuration property
Default:	true
Component:	SAS Logon Manager
Requirement:	Restart after modification
See:	“Configure SAML” in SAS Viya Platform: Authentication “About This Dictionary ” on page 17

Details

This field is required.

The Security Assertion Markup Language (SAML) properties are used to enable sign-ins using an external identity provider.

logon.saml.sp - signRequest

The local service provider should sign SAML requests.

Valid in:	sas.logon.saml.sp configuration definition
Type:	SAS Viya configuration property
Default:	true
Component:	SAS Logon Manager
Requirement:	Restart after modification
See:	"Configure SAML" in SAS Viya Platform: Authentication "About This Dictionary " on page 17

Details

This field is required.

The Security Assertion Markup Language (SAML) properties are used to enable sign-ins using an external identity provider.

logon.saml.sp - wantAssertionSigned

The assertions must be signed.

Valid in:	sas.logon.saml.sp configuration definition
Type:	SAS Viya configuration property
Default:	true
Component:	SAS Logon Manager
Requirement:	Restart after modification
See:	"Configure SAML" in SAS Viya Platform: Authentication "About This Dictionary " on page 17

Details

This field is required.

The Security Assertion Markup Language (SAML) properties are used to enable sign-ins using an external identity provider.

logon.sas9 - autoLink

Automatically open the link to SAS®9 when the login page is displayed.

Valid in:	sas.logon.sas9 configuration definition
Type:	SAS Viya configuration property
Default:	false
Component:	SAS Logon Manager
Security critical category:	AUTHENTICATION
See:	“Configure Authentication Options with SAS 9.4” in SAS Viya Platform: Authentication “About This Dictionary ” on page 17

logon.sas9 - enabled

Enable sign-ins using SAS®9 credentials.

Valid in:	sas.logon.sas9 configuration definition
Type:	SAS Viya configuration property
Default:	false
Component:	SAS Logon Manager
Security critical category:	AUTHENTICATION
See:	“Configure Authentication Options with SAS 9.4” in SAS Viya Platform: Authentication “About This Dictionary ” on page 17

logon.sas9 - linkText

The hyperlink to display on the sign-in page.

Valid in:	<code>sas.logon.sas9</code> configuration definition
Type:	SAS Viya configuration property
Default:	-
Component:	SAS Logon Manager
See:	“Configure Authentication Options with SAS 9.4” in SAS Viya Platform: Authentication “About This Dictionary ” on page 17

logon.sas9 - sas9LogonUrl

The URL of theSAS®9 Logon Manager.

Valid in:	<code>sas.logon.sas9</code> configuration definition
Type:	SAS Viya configuration property
Default:	-
Component:	SAS Logon Manager
See:	“Configure Authentication Options with SAS 9.4” in SAS Viya Platform: Authentication “About This Dictionary ” on page 17

Details

For example: `https://sas9.sas.example.com/SASLogon`

logon.sas9 - showLinkText

Show the link text on the sign-in page.

Valid in:	<code>sas.logon.sas9</code> configuration definition
Type:	SAS Viya configuration property
Default:	true
Component:	SAS Logon Manager
See:	“Configure Authentication Options with SAS 9.4” in SAS Viya Platform: Authentication “About This Dictionary ” on page 17

logon.sas9 - single.signOn.enabled

Redirect to SAS®9 for single sign-on.

Valid in:	sas.logon.sas9 configuration definition
Type:	SAS Viya configuration property
Default:	false
Component:	SAS Logon Manager
Security critical category:	AUTHENTICATION
See:	“Configure Authentication Options with SAS 9.4” in SAS Viya Platform: Authentication “About This Dictionary ” on page 17

logon.sas9 - single.signOut.enabled

Local sign-out should sign user out of SAS®9 also.

Valid in:	sas.logon.sas9 configuration definition
Type:	SAS Viya configuration property
Default:	false
Component:	SAS Logon Manager
Security critical category:	AUTHENTICATION
See:	“Configure Authentication Options with SAS 9.4” in SAS Viya Platform: Authentication “About This Dictionary ” on page 17

logon.sas9 - viyaLogonUrl

The URL of the SAS Viya Logon Manager.

Valid in:	sas.logon.sas9 configuration definition
Type:	SAS Viya configuration property
Default:	-
Component:	SAS Logon Manager

See: [“Configure Authentication Options with SAS 9.4” in SAS Viya Platform: Authentication](#)
[“About This Dictionary ” on page 17](#)

Details

For example: <https://viya.sas.example.com/SASLogon>

logon.sessions - maxConcurrentPrivilegedSessions

The maximum number of allowed concurrent sessions for privileged users.

Valid in: sas.logon.sessions configuration definition

Type: SAS Viya configuration property

Default: -2

Component: SAS Logon Manager

Security critical category: SESSION

See: [“Customize Concurrent Sign-in Sessions” in SAS Viya Platform: Authentication](#)
[“About This Dictionary ” on page 17](#)

Details

This property allows the concurrent session control to distinguish between privileged and non-privileged users.

This setting has the same options as maxConcurrentSessions, with the addition of the value of -2. The value of -2 is the default value, which turns off the feature and instead uses the value of maxConcurrentSessions for privileged users as well. It is very important that you do not set this value to zero because this prevents any privileged users from launching a session.

logon.sessions - maxConcurrentSessions

The maximum number of allowed concurrent sessions.

Valid in: sas.logon.sessions configuration definition

Type: SAS Viya configuration property

Default: -1

Component:	SAS Logon Manager
Security critical category:	SESSION
See:	“Customize Concurrent Sign-in Sessions” in SAS Viya Platform: Authentication “About This Dictionary ” on page 17

Details

The default value is -1, which disables the feature and allows an unlimited number of sessions.

A value of 0 would completely prevent users from logging on, so do not use.

A default value of 1 enables the feature and prevents users from having more than one concurrent session.

Values of 2, 3, and so on, are permissible and limit the user to that many concurrent sessions.

If by policy, you want to permit concurrent sessions, it is simpler to use the value of -1 and disable the feature.

logon.sessions - rejectNewSessionsIfMaxExceeded

Rejects new SAS Logon sessions if the maximum number of sessions is exceeded.

Valid in:	sas.logon.sessions configuration definition
Default:	false
Component:	SAS Logon Manager
Security critical category:	SESSION
See:	“Customize Concurrent Sign-in Sessions” in SAS Viya Platform: Authentication “About This Dictionary ” on page 17

Details

If this property is set to Off, when the maximum number of sessions is reached, an existing session is invalidated to allow a new one to be created. By contrast, if the property is set to On, the attempt to create a new session is rejected.

logon.zone - defaultIdentityProvider

Name of the identity provider to automatically redirect logins to.

Valid in:	sas.logon.zone configuration definition
Type:	SAS Viya configuration property
Default:	-
Component:	SAS Logon Manager
Security critical category:	AUTHENTICATION
See:	“Bypass SAS Logon Manager” in SAS Viya Platform: Authentication “About This Dictionary ” on page 17

logon.zone - idpDiscovery.enabled

Specify whether to match email domains in order to redirect logins to the appropriate external identity provider.

Valid in:	sas.logon.zone configuration definition
Type:	SAS Viya configuration property
Default:	false
Component:	SAS Logon Manager
See:	“Identity Provider Discovery for OIDC and SAML” in SAS Viya Platform: Authentication “Bypass SAS Logon Manager” in SAS Viya Platform: Authentication “About This Dictionary ” on page 17

mail - Mail service

The Mail service provides a client the ability to send email to a configured SMTP server using a REST API.

Valid in:	sas.mail configuration definition
Type:	SAS Viya configuration property
Component:	mail
See:	“About This Dictionary ” on page 17

Details

For information on configuring your SMTP mail server, see [“Configure the Connection to the Mail Service” in SAS Viya Platform: Deployment Guide](#).

Note: The Mail service is separate from the SAS language elements that send email. The Mail service provides a REST API for sending email through a configured SMTP server. Customizing the Mail service does not change the behavior of SAS code that uses the `FILENAME EMAIL` statement or related system options.

For more information about SAS language elements that send email, see [“SMTP Email” in SAS Programmer’s Guide: Essentials](#).

For more information about REST APIs, see [REST APIs at developer.sas.com](#).

mail - allowAllSenders

Override the restrictions on the ‘from’ mail address that is allowed to send mail.

Valid in:	sas.mail configuration definition
Type:	SAS Viya configuration property
Default:	false
Component:	mail
See:	“About This Dictionary ” on page 17

Details

IMPORTANT This property needs to be enabled in order for users who are not members of the SAS Administrators group to receive email alerts.

Emails are sent through the collaboration service, which has built-in authorization rules that only allow members of the SAS Administrators group to have access. The `allowAllSenders` property overrides this rule and allows users to trigger email alerts.

Restart `sas-collaboration` service if you make a change to this property.

mail - defaultEncoding

The default encoding to use for mail when not otherwise specified.

Valid in:	sas.mail configuration definition
Type:	SAS Viya configuration property
Default:	UTF-8
Component:	mail
See:	“About This Dictionary ” on page 17

mail - fromAddress

The ‘from’ mail address to use when mail is sent directly from a service.

Valid in:	sas.mail configuration definition
Type:	SAS Viya configuration property
Default:	noreplies@company.com
Component:	mail
See:	“About This Dictionary ” on page 17

Details

This field is required within any mail configuration. The domain for this address should not be blocked by your SMTP server.

mail - fromPersonalName

The default personal name to use when mail is sent directly from a service.

Valid in:	sas.mail configuration definition
Type:	SAS Viya configuration property
Default:	Service
Component:	mail
See:	“About This Dictionary ” on page 17

mail - host

The mail server host.

Valid in:	sas.mail configuration definition
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Type:	SAS Viya configuration property
Default:	-
Component:	mail
See:	“About This Dictionary ” on page 17

Details

The SMTP server must be configured for TLS.

mail - multipleMail

Send separate mail for each mail type.

Valid in:	sas.mail configuration definition
Type:	SAS Viya configuration property
Default:	false
Component:	mail
See:	“About This Dictionary ” on page 17

mail - password

The optional password for connecting to the mail server.

Valid in:	sas.mail configuration definition
Type:	SAS Viya configuration property
Default:	-
Component:	mail
See:	“About This Dictionary ” on page 17

mail - port

The mail server port.

Valid in:	sas.mail configuration definition
Type:	SAS Viya configuration property
Default:	25

Component: mail
See: [“About This Dictionary ” on page 17](#)

mail - sizeLimit

The maximum size of mail sent to the configured mail server, in megabytes.

Valid in: sas.mail configuration definition
Type: SAS Viya configuration property
Default: 20
Component: mail
See: [“About This Dictionary ” on page 17](#)

mail - username

The optional user name for connecting to the mail server.

Valid in: sas.mail configuration definition
Type: SAS Viya configuration property
Default: -
Component: mail
See: [“About This Dictionary ” on page 17](#)

management.health.mail - enabled

Enables a health check for the mail.

Valid in: management.health.mail configuration definition
Type: SAS Viya configuration property
Default: **false**
Component: mail
See: [“About This Dictionary ” on page 17](#)

maps -

The Maps Service retrieves geometry (such as region polygons, centroid coordinates, and polylines) for geographic maps.

Valid in:	sas.maps configuration definition
Type:	SAS Viya configuration property
Components:	maps, reportPackages, WebDataAccess
See:	“About This Dictionary ” on page 17

Details

SAS Viya supports several third-party map services. The protocol — HTTP or secured HTTP (HTTPS) — that is used depends on the specific map service:

- OpenStreetMap
Controlled by the defaultOSMCommunicationProtocol configuration property.
- ArcGIS Online
Controlled by SAS Visual Analytics, which always uses secure HTTP (HTTPS).
- ArcGIS Enterprise (formerly known as Esri ArcGIS portal)

Note: When maps are rendered internally within SAS Visual Analytics, no data is exchanged. SAS Visual Analytics sends requests for tile numbers in a URL format to the third-party map service. Map images are returned to SAS Visual Analytics. This applies to all of the third-party map services that are compatible with SAS Viya:

- OpenStreetMap
 - ArcGIS Online
 - ArcGIS Enterprise (formerly known as Esri ArcGIS portal)
-

maps - maxResolution

For OpenStreetMap server, the maximum resolution in meters per pixel of each map tile.

Valid in:	sas.maps configuration definition
Type:	SAS Viya configuration property
Default:	156,543.0339

Components: maps, reportPackages, WebDataAccess

See: [“About This Dictionary ” on page 17](#)

Details

The value must be a decimal number.

The set of custom configuration properties for OpenStreetMap server settings.

maps - numResolutions

For OpenStreetMap server, the number of tile levels configured on the tile servers.

Valid in: sas.maps configuration definition

Type: SAS Viya configuration property

Default: 18

Components: maps, reportPackages, WebDataAccess

See: [“About This Dictionary ” on page 17](#)

Details

The value must be a positive integer.

The set of custom configuration properties for OpenStreetMap server settings.

maps - servers

For OpenStreetMap server, a comma-separated list of servers, with paths to tiles.

Valid in: sas.maps configuration definition

Type: SAS Viya configuration property

Default: -

Components: maps, reportPackages, WebDataAccess

See: [“About This Dictionary ” on page 17](#)

Details

Here is an example: `http://myhost1.myorg.com/tiles/`, `http://myhost2.myorg.com/tiles/`

The set of custom configuration properties for OpenStreetMap server settings.

maps - defaultOSMCommunicationProtocol

The protocol (HTTP, HTTPS) that is used for the default OpenStreetMap servers.

Valid in:	sas.maps configuration definition
Type:	SAS Viya configuration property
Default:	https
Components:	maps, reportPackages, WebDataAccess
See:	“About This Dictionary ” on page 17

Details

Maps are rendered internally within SAS Visual Analytics. Only the following information is exchanged:

- Requests for tile numbers (in a URL format) are sent from SAS Visual Analytics to an OpenStreetMap server.
- Map images are returned from an OpenStreetMap server to SAS Visual Analytics.

maps - localEsriGeocodeServicesUrl

The URL for Esri ArcGIS portal Geocoding services.

Valid in:	sas.maps configuration definition
Type:	SAS Viya configuration property
Default:	-
Components:	maps, reportPackages, WebDataAccess
See:	“About This Dictionary ” on page 17

Details

The URL consists of a protocol, host, port, and path. Here is an example: `http://myserver:6080/arcgis/rest/services/myService/GeocodeServer`

maps - localEsriGeoEnrichmentUrl

The URL for Esri ArcGIS portal GeoEnrichment services.

Valid in:	sas.maps configuration definition
Type:	SAS Viya configuration property
Default:	-
Components:	maps, reportPackages, WebDataAccess
See:	“About This Dictionary ” on page 17

Details

The URL consists of a protocol, host, port, and path. Here is an example: `http://myserver:6080/arcgis/rest/services/myService/GeoenrichmentServer`

maps - localEsriHomeUrl

The URL for the Esri ArcGIS portal.

Valid in:	sas.maps configuration definition
Type:	SAS Viya configuration property
Default:	-
Components:	maps, reportPackages, WebDataAccess
See:	“About This Dictionary ” on page 17

Details

The URL consists of a protocol, host, and path. Here is an example: `http://myserver/ourportal/home/` or `https://mycompany.maps.arcgis.com/home/`

The label for this property is **Esri ArcGIS portal home URL**.

maps - localEsriRoutingUrl

The URL for Esri ArcGIS portal Routing services.

Valid in:	sas.maps configuration definition
Type:	SAS Viya configuration property
Default:	-
Components:	maps, reportPackages, WebDataAccess
See:	“About This Dictionary ” on page 17

Details

The URL consists of a protocol, host, port, and path. Here is an example: `http://myserver:6080/arcgis/rest/services/myService/NAService`

maps - localEsriServicesRequiresAuthentication

Specifies whether the Esri ArcGIS portal requires an authentication token for access.

Valid in:	sas.maps configuration definition
Type:	SAS Viya configuration property
Default:	false
Components:	maps, reportPackages, WebDataAccess
See:	“About This Dictionary ” on page 17

Details

The label for this property is **Esri ArcGIS portal requires authentication**.

maps - localEsriServicesSsoAppld

Specifies the App ID that is provided by the Esri ArcGIS portal when registering a SAS application for single sign-on.

Valid in:	sas.maps configuration definition
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Type:	SAS Viya configuration property
Default:	-
Components:	maps, reportPackages, WebDataAccess
See:	“About This Dictionary ” on page 17

Details

The label for this property is **Esri ArcGIS portal SSO AppID**.

maps - localEsriServicesUrl

The URL for Esri ArcGIS portal services.

Valid in:	sas.maps configuration definition
Type:	SAS Viya configuration property
Default:	-
Components:	maps, reportPackages, WebDataAccess
See:	“About This Dictionary ” on page 17

Details

The label for this property is **Esri ArcGIS portal services URL**.

The URL consists of a protocol, host, and path. Here is an example: `http://myserver/arcgis/rest/services/`

Note: If your on-premises Esri servers use a different network domain than your SAS Viya system, then you must add the necessary map URLs to the allowlist of domains that the cross-domain proxy is allowed to access. See [“crossdomainproxy - allowedDomains” on page 220](#).

The label for this property is **Esri ArcGIS portal services URL**.

maps - preferCrossDomainProxy

Automatically enables the use of the cross-domain proxy for many requests for the map service.

Valid in:	sas.maps configuration definition
Type:	SAS Viya configuration property

Default: **false**
Components: maps, reportPackages, WebDataAccess
See: [“About This Dictionary ” on page 17](#)

Details

An example is tile requests.

maps - useArcGISOnlineMaps

Enable access to background maps from the Esri ArcGIS Online catalog.

Valid in: sas.maps configuration definition
Type: SAS Viya configuration property
Default: **true**
Components: maps, reportPackages, WebDataAccess
See: [“About This Dictionary ” on page 17](#)

microanalyticsservice.properties -

Micro Analytic Score service properties are documented in SAS Micro Analytic Service: Programming and Administration Guide.

Valid in: sas.microanalyticsservice.properties configuration definition
Type: SAS Viya configuration property
Component: microanalyticScore
See: [“SAS Micro Analytic Service Configuration” in SAS Micro Analytic Service: Programming and Administration Guide](#)

microanalyticsservice.system -

Micro Analytic Score service properties are documented in SAS Micro Analytic Service: Programming and Administration Guide.

Valid in: sas.microanalyticsservice.system configuration definition
Type: SAS Viya configuration property
Component: microanalyticScore

See: [“SAS Micro Analytic Service Configuration” in SAS Micro Analytic Service: Programming and Administration Guide](#)

migration manager -

The service that is used for SAS Migration Manager page in SAS Environment Manager.

Valid in: `sas.migration.manager`

Type: SAS Viya configuration property

Default: -

Component: `migrationManager`

See: [“Migration Management Page” in SAS Environment Manager: User's Guide](#)

modelrepository - notificationExpires

Number of days for a notification to expire.

Valid in: `sas.modelrepository` configuration definition

Type: SAS Viya configuration property

Default: `60`

Component: `modelRepository`

See: [“About This Dictionary ” on page 17](#)

notifications - enabled

Enables opt-in notifications.

Valid in: `sas.notifications` configuration definition

Type: SAS Viya configuration property

Default: `true`

Component: `notifications`

See: [“Disable Opt-In Notifications” in SAS Environment Manager: User's Guide](#)
[“About This Dictionary ” on page 17](#)

notifications.delivery - mailEnabled

Enables opt-in delivery to the mail channel.

Valid in:	sas.notifications.delivery configuration definition
Type:	SAS Viya configuration property
Default:	true
Component:	notifications
See:	“About This Dictionary ” on page 17

notifications.purge - enabled

Enables purging of notification records.

Valid in:	sas.notifications.purge configuration definition
Type:	SAS Viya configuration property
Default:	true
Component:	notifications
See:	“Purge Old Notifications” in SAS Environment Manager: User's Guide

notifications.purge - purgeSchedule

The schedule that determines when a purge request is initiated. Specify the value using Cron standard syntax.

Valid in:	sas.notifications.purge configuration definition
Type:	SAS Viya configuration property
Default:	0 0 * * *
Component:	notifications
See:	“Purge Old Notifications” in SAS Environment Manager: User's Guide

notifications.purge - retention

The retention period for persisting notification records in postgres.

Valid in:	<code>sas.notifications.purge</code> configuration definition
Type:	SAS Viya configuration property
Default:	30d
Component:	notifications
See:	“Purge Old Notifications” in SAS Environment Manager: User's Guide

Details

For example, '30d' represents 30 days.

oauth2.client - accessTokenValidity

The number of seconds that access tokens issued to the application are valid for.

Valid in:	<code>oauth2.client</code> configuration definition
Type:	SAS Viya configuration property
Default:	3600
Components:	(SYSTEM) <code>oauth2.client</code> , <code>launcher</code> , <code>riskPipeline</code>
Security critical category:	AUTHENTICATION
See:	“About This Dictionary ” on page 17

Details

Note: The Risk Pipeline service (`riskPipeline`) has a default value of **43200**.

oauth2.client - loginHint

The origin of the external identity provider that should be used for login.

Valid in:	<code>oauth2.client</code> configuration definition
Type:	SAS Viya configuration property
Default:	-
Components:	(SYSTEM) <code>oauth2.client</code> , <code>launcher</code> , <code>riskPipeline</code>
Security critical category:	AUTHENTICATION

See: [“About This Dictionary ” on page 17](#)

Details

By default the origin is 'external_oauth' for an external OAuth provider and 'external_saml' for an external SAML provider.

Note: The Risk Pipeline service (riskPipeline) has a default value of **1dap**.

oauth2.client - refreshTokenValidity

The number of seconds that refresh tokens issued to the application are valid for.

Valid in: oauth2.client configuration definition
Type: SAS Viya configuration property
Default: **1,209,600**
Components: (SYSTEM) oauth2.client, launcher, riskPipeline
Security critical category: AUTHENTICATION
See: [“About This Dictionary ” on page 17](#)

planninggrid.images - numberOfImages

Maximum number of images, which should be displayed in webgrid

Valid in: sas.planninggrid.images configuration definition
Type: SAS Viya configuration property
Default: **9999999**
Component: planningGrid
See: [“About This Dictionary ” on page 17](#)

planninggrid.images - path

SAS content path where images are kept to display in webgrid

Valid in: sas.planninggrid.images configuration definition
Type: SAS Viya configuration property

Default: (see details)
Component: planningGrid
See: [“About This Dictionary ” on page 17](#)

Details

The SAS Drive path is: `/Products/SAS Retail Intelligence/Images`.

planningprocess.etl - threadCorePoolSize

value of thread core pool size

Valid in: sas.planningprocess.etl configuration definition
Type: SAS Viya configuration property
Default: 10
Component: planningProcess
See: [“About This Dictionary ” on page 17](#)

Details

The set of configuration properties for merchandise planning process etl.

planningprocess.etl - threadMaxPoolSize

maximum value of thread core pool size

Valid in: sas.planningprocess.etl configuration definition
Type: SAS Viya configuration property
Default: 50
Component: planningProcess
See: [“About This Dictionary ” on page 17](#)

Details

The set of configuration properties for merchandise planning process etl.

planningprocess.etl - threadQueueCapacity

maximum value of thread queue capacity

Valid in:	sas.planningprocess.etl configuration definition
Type:	SAS Viya configuration property
Default:	100
Component:	planningProcess
See:	“About This Dictionary ” on page 17

Details

The set of configuration properties for merchandise planning process etl.

planningprocess.resiliencerules - circuitMinimumNumberOfCalls

The minimum number of calls which are required (per sliding window period) before the CircuitBreaker can calculate the error rate or slow call rate.

Valid in:	sas.planningprocess.resiliencerules configuration definition
Type:	SAS Viya configuration property
Default:	5
Component:	planningProcess
See:	“About This Dictionary ” on page 17

planningprocess.resiliencerules - circuitPermittedNumberOfCallsInHalfOpenState

The number of permitted calls when the CircuitBreaker is half open.

Valid in:	sas.planningprocess.resiliencerules configuration definition
Type:	SAS Viya configuration property
Default:	3

Component: `planningProcess`

See: [“About This Dictionary ” on page 17](#)

planningprocess.resiliencerules - circuitSlidingWindowSize

The size of the sliding window which is used to record the outcome of calls when the CircuitBreaker is closed.

Valid in: `sas.planningprocess.resiliencerules` configuration definition

Type: SAS Viya configuration property

Default: `5`

Component: `planningProcess`

See: [“About This Dictionary ” on page 17](#)

planningprocess.resiliencerules - retryMaxAttempts

Number of times to retry attempt

Valid in: `sas.planningprocess.resiliencerules` configuration definition

Type: SAS Viya configuration property

Default: `3`

Component: `planningProcess`

See: [“About This Dictionary ” on page 17](#)

planningprocess.resiliencerules - retryWaitDuration

Time in seconds to wait before next retry attempt.

Valid in: `sas.planningprocess.resiliencerules` configuration definition

Type: SAS Viya configuration property

Default: `5`

Component: `planningProcess`

See: [“About This Dictionary ” on page 17](#)

referencedata -

Properties for Reference Data service. These are documented in the SAS Intelligent Decisioning Administration Guide.

Valid in: sas.referencedata configuration definition
Type: SAS Viya configuration property
Components: referenceData, decisionsFramework
See: [“Reference Data Service Properties” in SAS Intelligent Decisioning: Administrator's Guide](#)

referencedata.casformats -

Properties for Reference Data service. These are documented in the SAS Intelligent Decisioning Administration Guide.

Valid in: sas.referencedata.casformats configuration definition
Type: SAS Viya configuration property
Components: referenceData, decisionsFramework
See: [“Reference Data Service Properties” in SAS Intelligent Decisioning: Administrator's Guide](#)

referencedata.checkout -

Properties for Reference Data service. These are documented in the SAS Intelligent Decisioning Administration Guide.

Valid in: sas.referencedata.checkout configuration definition
Type: SAS Viya configuration property
Components: referenceData, decisionsFramework
See: [“Reference Data Service Properties” in SAS Intelligent Decisioning: Administrator's Guide](#)

referencedata.publish -

Properties for Reference Data service. These are documented in the SAS Intelligent Decisioning Administration Guide.

Valid in:	<code>sas.referencedata.publish</code> configuration definition
Type:	SAS Viya configuration property
Components:	<code>referenceData</code> , <code>decisionsFramework</code>
See:	“Reference Data Service Properties” in SAS Intelligent Decisioning: Administrator’s Guide

reportalerts.x - allowEvaluationAtStartup

Whether evaluation iteration should start immediately after startup of the service.

Valid in:	<code>sas.reportalerts.x</code> configuration definition
Type:	SAS Viya configuration property
Default:	true
Component:	<code>reportAlerts</code>
See:	“About This Dictionary ” on page 17

Details

If false, server waits until an explicit service call is made to start evaluating. Do not modify this property unless you are directed to do so by SAS Technical Support.

reportalerts.x - disabled

Disable report alerting evaluation.

Valid in:	<code>sas.reportalerts.x</code> configuration definition
Type:	SAS Viya configuration property
Default:	false
Component:	<code>reportAlerts</code>
See:	“About This Dictionary ” on page 17

reportalerts.x - disableDataChangeCheck

Disable checking if data has changed.

Valid in: sas.reportalerts.x configuration definition
Type: SAS Viya configuration property
Default: **false**
Component: reportAlerts
See: [“About This Dictionary ” on page 17](#)

reportalerts.x - email: defaultFromAddress

Mail requires a from address, and it uses this address.

Valid in: sas.reportalerts.x configuration definition
Type: SAS Viya configuration property
Default: **repliesdisabled@sas.com**
Component: reportAlerts
See: [“About This Dictionary ” on page 17](#)

Details

A value for this field is required. This is not necessarily the address that the Mail service uses, but the apparent address on the email received.

reportalerts.x - email: defaultFromName

The display name of the sender of the output

Valid in: sas.reportalerts.x configuration definition
Type: SAS Viya configuration property
Default: **Report Alert Service**
Component: reportAlerts
See: [“About This Dictionary ” on page 17](#)

Details

This can be either a key into the provided message properties, or the text of the name of the sender. This appears as the apparent sender in the received email.

reportalerts.x - interval: evalIntervalMilliseconds

The pause inserted between iterations of all alerts for evaluation.

Valid in:	<code>sas.reportalerts.x</code> configuration definition
Type:	SAS Viya configuration property
Default:	<code>600000</code>
Component:	<code>reportAlerts</code>
See:	“About This Dictionary ” on page 17

reportalerts.x - interval: maxEvalTimeMilliseconds

Max allowed evaluation time.

Valid in:	<code>sas.reportalerts.x</code> configuration definition
Type:	SAS Viya configuration property
Default:	<code>600000</code>
Component:	<code>reportAlerts</code>
See:	“About This Dictionary ” on page 17

reportalerts.x - query: maxNumberOfSubscriptions

The max number of subscriptions to be returned for evaluation; these are the oldest since the last time they were queried.

Valid in:	<code>sas.reportalerts.x</code> configuration definition
Type:	SAS Viya configuration property
Default:	<code>10</code>
Component:	<code>reportAlerts</code>
See:	“About This Dictionary ” on page 17

reportalerts.x - query: maxWaitToRunSynchronizedQueryMilliseconds

The max time to wait for running a single query while pausing all other threads.

Valid in:	sas.reportalerts.x configuration definition
Type:	SAS Viya configuration property
Default:	3,000
Component:	reportAlerts
See:	“About This Dictionary ” on page 17

reportalerts.x - defaultEmailNotificationInterval

The set of user-added, advanced properties.

Valid in:	sas.reportalerts.x configuration definition
Type:	SAS Viya configuration property
Default:	60
Component:	reportAlerts
See:	“About This Dictionary ” on page 17

reportalerts.x - defaultNotificationInterval

The set of user-added, advanced properties.

Valid in:	sas.reportalerts.x configuration definition
Type:	SAS Viya configuration property
Default:	60
Component:	reportAlerts
See:	“About This Dictionary ” on page 17

reportalerts.x - defaultNotificationIntervalUnit

The set of user-added, advanced properties.

Valid in: sas.reportalerts.x configuration definition
Type: SAS Viya configuration property
Default: **minutes**
Component: reportAlerts
See: [“About This Dictionary ” on page 17](#)

reportalerts.x - maxRetriesFailedEvaluations

The set of user-added, advanced properties.

Valid in: sas.reportalerts.x configuration definition
Type: SAS Viya configuration property
Default: **25**
Component: reportAlerts
See: [“About This Dictionary ” on page 17](#)

reportalerts.x - useDebugEmailTemplate

The set of user-added, advanced properties.

Valid in: sas.reportalerts.x configuration definition
Type: SAS Viya configuration property
Default: **false**
Component: reportAlerts
See: [“About This Dictionary ” on page 17](#)

reportalerts.x - threadPool: maxSize

The pool max size of thread pool.

Valid in: sas.reportalerts.x configuration definition
Type: SAS Viya configuration property
Default: **20**
Component: reportAlerts
See: [“About This Dictionary ” on page 17](#)

reportalerts.x - threadPool: queueSize

The size of queue of thread pool.

Valid in:	sas.reportalerts.x configuration definition
Type:	SAS Viya configuration property
Default:	50
Component:	reportAlerts
See:	“About This Dictionary ” on page 17

reportdata.properties - comparisonEpsilon

A number in E notation that specifies the variability allowed when floating point numbers are compared for equality.

Valid in:	sas.reportdata.properties configuration definition
Type:	SAS Viya configuration property
Default:	1e-12
Component:	reportData
See:	“About This Dictionary ” on page 17

reportdata.properties - decisionTreePredictorCardinalityLimit

The maximum cardinality of independent variables for a decision tree.

Valid in:	sas.reportdata.properties configuration definition
Type:	SAS Viya configuration property
Default:	10,240
Component:	reportData
See:	“About This Dictionary ” on page 17

reportdata.properties - decisionTreeResponseCardinalityLimit

The maximum cardinality of dependent variables for a decision tree.

Valid in:	sas.reportdata.properties configuration definition
Type:	SAS Viya configuration property
Default:	100,000
Component:	reportData
See:	“About This Dictionary ” on page 17

reportdata.properties - defaultInteractiveDrillDepth

The number of interactive drill levels included in the offline data for report viewers.

Valid in:	sas.reportdata.properties configuration definition
Type:	SAS Viya configuration property
Default:	3
Component:	reportData
See:	“About This Dictionary ” on page 17

reportdata.properties - defaultMaxCellsProduced

The maximum number of data cells delivered to report viewers for each query result.

Valid in:	sas.reportdata.properties configuration definition
Type:	SAS Viya configuration property
Default:	250,000
Component:	reportData
See:	“About This Dictionary ” on page 17

reportdata.properties - enableResultCache

Enable report result caching.

Valid in: sas.reportdata.properties configuration definition
Type: SAS Viya configuration property
Default: **true**
Component: reportData
See: [“About This Dictionary ” on page 17](#)

reportdata.properties - exportExcelColumnLimit

The maximum number of columns for export files that are formatted for Microsoft Excel.

Valid in: sas.reportdata.properties configuration definition
Type: SAS Viya configuration property
Default: **16,384**
Component: reportData
See: [“About This Dictionary ” on page 17](#)

reportdata.properties - exportExcelRowLimit

The maximum number of rows for export files that are formatted for Microsoft Excel.

Valid in: sas.reportdata.properties configuration definition
Type: SAS Viya configuration property
Default: **100,000**
Component: reportData
See: [“About This Dictionary ” on page 17](#)

reportdata.properties - exportTSVandCSVColumnLimit

The maximum number of columns for tab- and comma-separated export files.

Valid in: sas.reportdata.properties configuration definition
Type: SAS Viya configuration property
Default: **16,384**
Component: reportData
See: [“About This Dictionary ” on page 17](#)

reportdata.properties - exportTSVandCSVRowLimit

The maximum number of rows for tab- and comma-separated export files.

Valid in: sas.reportdata.properties configuration definition
Type: SAS Viya configuration property
Default: **100,000**
Component: reportData
See: [“About This Dictionary ” on page 17](#)

reportdata.properties - ignoreMissingValuesInCountDistinct

Ignore missing values when calculating distinct counts.

Valid in: sas.reportdata.properties configuration definition
Type: SAS Viya configuration property
Default: **false**
Component: reportData
See: [“About This Dictionary ” on page 17](#)

reportdata.properties - maxTiesToIncludeOnRank

The maximum number of ties allowed for a rank.

Valid in: sas.reportdata.properties configuration definition
Type: SAS Viya configuration property
Default: **100**

Component: reportData
See: [“About This Dictionary ” on page 17](#)

reportdata.properties - modelingClassCardinalityLimit

The maximum number of class values allowed to run on fit models.

Valid in: sas.reportdata.properties configuration definition
Type: SAS Viya configuration property
Default: 2,048
Component: reportData
See: [“About This Dictionary ” on page 17](#)

reportdata.properties - modelingGroupByCardinalityLimit

The maximum number of group by values allowed to run on fit models.

Valid in: sas.reportdata.properties configuration definition
Type: SAS Viya configuration property
Default: 1,024
Component: reportData
See: [“About This Dictionary ” on page 17](#)

reportdata.properties - socketTimeoutLiveCancellableMillis

The number of milliseconds allowed for executing live, cancelable data queries.

Valid in: sas.reportdata.properties configuration definition
Type: SAS Viya configuration property
Default: 900,000
Component: reportData
See: [“About This Dictionary ” on page 17](#)

reportdata.properties - socketTimeoutLiveNonCancellableMillis

The number of milliseconds allowed for executing live, non-cancelable data queries.

Valid in:	sas.reportdata.properties configuration definition
Type:	SAS Viya configuration property
Default:	900,000
Component:	reportData
See:	“About This Dictionary ” on page 17

reportdata.properties - socketTimeoutSubscribeMillis

The number of milliseconds allowed for executing subscribe data queries.

Valid in:	sas.reportdata.properties configuration definition
Type:	SAS Viya configuration property
Default:	900,000
Component:	reportData
See:	“About This Dictionary ” on page 17

reportdata.properties - maxRowsLookup.bubble

The maximum number of result rows for a bubble plot.

Valid in:	sas.reportdata.properties configuration definition
Type:	SAS Viya configuration property
Default:	25,000
Component:	reportData
See:	“About This Dictionary ” on page 17

reportdata.properties - maxRowsLookup.buttonBar

The maximum number of result rows for a button bar control.

Valid in:	sas.reportdata.properties configuration definition
Type:	SAS Viya configuration property
Default:	100
Component:	reportData
See:	“About This Dictionary ” on page 17

reportdata.properties - maxRowsLookup.crossTab

The maximum number of result rows for a crosstab.

Valid in:	sas.reportdata.properties configuration definition
Type:	SAS Viya configuration property
Default:	40,000
Component:	reportData
See:	“About This Dictionary ” on page 17

reportdata.properties - maxRowsLookup.customContent

The maximum number of result rows for a data-driven content object.

Valid in:	sas.reportdata.properties configuration definition
Type:	SAS Viya configuration property
Default:	40,000
Component:	reportData
See:	“About This Dictionary ” on page 17

reportdata.properties - maxRowsLookup.dropdown

The maximum number of result rows for a drop-down control.

Valid in:	<code>sas.reportdata.properties</code> configuration definition
Type:	SAS Viya configuration property
Default:	500
Component:	reportData
See:	“About This Dictionary ” on page 17

reportdata.properties - maxRowsLookup.dualAxisTimeSeries

The maximum number of result rows for a dual-axis time series plot.

Valid in:	<code>sas.reportdata.properties</code> configuration definition
Type:	SAS Viya configuration property
Default:	10,000
Component:	reportData
See:	“About This Dictionary ” on page 17

reportdata.properties - maxRowsLookup.geoBubble

The maximum number of result rows for a geo bubble map.

Valid in:	<code>sas.reportdata.properties</code> configuration definition
Type:	SAS Viya configuration property
Default:	25,000
Component:	reportData
See:	“About This Dictionary ” on page 17

reportdata.properties - maxRowsLookup.geoContour

The maximum number of result rows for a geo contour map.

Valid in:	<code>sas.reportdata.properties</code> configuration definition
Type:	SAS Viya configuration property

Default: 40,000
Component: reportData
See: [“About This Dictionary ” on page 17](#)

reportdata.properties - maxRowsLookup.geoHeatmap

The maximum number of result rows for a geo heat map.

Valid in: sas.reportdata.properties configuration definition
Type: SAS Viya configuration property
Default: 25,000
Component: reportData
See: [“About This Dictionary ” on page 17](#)

reportdata.properties - maxRowsLookup.geoLine

The maximum number of result rows in a geo line map.

Valid in: sas.reportdata.properties configuration definition
Type: SAS Viya configuration property
Default: 10,000
Component: reportData
See: [“About This Dictionary ” on page 17](#)

reportdata.properties - maxRowsLookup.geoPie

The maximum number of result rows for a geo pie map.

Valid in: sas.reportdata.properties configuration definition
Type: SAS Viya configuration property
Default: 25,000
Component: reportData
See: [“About This Dictionary ” on page 17](#)

reportdata.properties - maxRowsLookup.geoRegion

The maximum number of result rows for a geo region map.

Valid in:	<code>sas.reportdata.properties</code> configuration definition
Type:	SAS Viya configuration property
Default:	5,000
Component:	reportData
See:	“About This Dictionary ” on page 17

reportdata.properties - maxRowsLookup.geoScatter

The maximum number of result rows for a geo scatter map.

Valid in:	<code>sas.reportdata.properties</code> configuration definition
Type:	SAS Viya configuration property
Default:	40,000
Component:	reportData
See:	“About This Dictionary ” on page 17

reportdata.properties - maxRowsLookup.graphDefault

The maximum number of result rows for a default graph object.

Valid in:	<code>sas.reportdata.properties</code> configuration definition
Type:	SAS Viya configuration property
Default:	3,000
Component:	reportData
See:	“About This Dictionary ” on page 17

reportdata.properties - maxRowsLookup.heatbox

The maximum number of result rows for a box plot object.

Valid in:	<code>sas.reportdata.properties</code> configuration definition
Type:	SAS Viya configuration property
Default:	800
Component:	<code>reportData</code>
See:	“About This Dictionary ” on page 17

reportdata.properties - maxRowsLookup.heatmap

The maximum number of result rows for a heat map object.

Valid in:	<code>sas.reportdata.properties</code> configuration definition
Type:	SAS Viya configuration property
Default:	3,000
Component:	<code>reportData</code>
See:	“About This Dictionary ” on page 17

reportdata.properties - maxRowsLookup.keyValue

The maximum number of result rows for a key value object.

Valid in:	<code>sas.reportdata.properties</code> configuration definition
Type:	SAS Viya configuration property
Default:	100
Component:	<code>reportData</code>
See:	“About This Dictionary ” on page 17

reportdata.properties - maxRowsLookup.kpi

The maximum number of result rows for a key performance indicator (KPI) visual.

Valid in:	<code>sas.reportdata.properties</code> configuration definition
-----------	---

Type: SAS Viya configuration property
Default: 10
Component: reportData
See: [“About This Dictionary ” on page 17](#)

reportdata.properties - maxRowsLookup.list

The maximum number of result rows for a list control.

Valid in: sas.reportdata.properties configuration definition
Type: SAS Viya configuration property
Default: 50,000
Component: reportData
See: [“About This Dictionary ” on page 17](#)

reportdata.properties - maxRowsLookup.listTable

The maximum number of result rows for a list table.

Valid in: sas.reportdata.properties configuration definition
Type: SAS Viya configuration property
Default: 40,000
Component: reportData
See: [“About This Dictionary ” on page 17](#)

reportdata.properties - maxRowsLookup.scatter

The maximum number of result rows for a scatter plot.

Valid in: sas.reportdata.properties configuration definition
Type: SAS Viya configuration property
Default: 40,000
Component: reportData
See: [“About This Dictionary ” on page 17](#)

reportdata.properties - maxRowsLookup.textInput

The maximum number of result rows for a text input control.

Valid in:	<code>sas.reportdata.properties</code> configuration definition
Type:	SAS Viya configuration property
Default:	40,000
Component:	<code>reportData</code>
See:	“About This Dictionary ” on page 17

reportdata.properties - maxRowsLookup.timeSeries

The maximum number of result rows for a time series plot.

Valid in:	<code>sas.reportdata.properties</code> configuration definition
Type:	SAS Viya configuration property
Default:	10,000
Component:	<code>reportData</code>
See:	“About This Dictionary ” on page 17

reportdata.properties - maxRowsLookup.treeMap

The maximum number of result rows for a treemap.

Valid in:	<code>sas.reportdata.properties</code> configuration definition
Type:	SAS Viya configuration property
Default:	1,500
Component:	<code>reportData</code>
See:	“About This Dictionary ” on page 17

reportdata.properties - maxRowsLookup.wordCloud

The maximum number of result rows for a word cloud.

Valid in:	sas.reportdata.properties configuration definition
Type:	SAS Viya configuration property
Default:	100
Component:	reportData
See:	“About This Dictionary ” on page 17

reportdata.system - executorExpirationIntervalMinutes

The number of minutes lapsed before inactive data executor sessions are closed if they have no active queries.

Valid in:	sas.reportdata.system configuration definition
Type:	SAS Viya configuration property
Default:	30
Component:	reportData
See:	“About This Dictionary ” on page 17

reportdata.system - executorForceExpirationIntervalMinutes

The number of minutes lapsed before inactive data executor sessions are forced to close even if they have active queries.

Valid in:	sas.reportdata.system configuration definition
Type:	SAS Viya configuration property
Default:	120
Component:	reportData
See:	“About This Dictionary ” on page 17

reportdata.system - minTimeSensitivityForCaching

The minimum time sensitivity of queries for caching. Results that are valid for equal to or longer than the selected value are cached.

Valid in:	sas.reportdata.system configuration definition
Type:	SAS Viya configuration property
Default:	MINUTE
Component:	reportData
See:	“About This Dictionary ” on page 17

reportdata.system - packageResultFileTimeInCacheSeconds

The number of seconds allowed for a client to retrieve package result data files before they are removed from the cache.

Valid in:	sas.reportdata.system configuration definition
Type:	SAS Viya configuration property
Default:	3,600
Component:	reportData
See:	“About This Dictionary ” on page 17

reportdata.system - resultCacheErrorExpirationSeconds

The number of seconds lapsed before the error cases for a report result are removed from the cache.

Valid in:	sas.reportdata.system configuration definition
Type:	SAS Viya configuration property
Default:	30
Component:	reportData
See:	“About This Dictionary ” on page 17

reportdata.system - resultCacheTimeToLiveSeconds

The number of seconds lapsed before a report result is removed from the cache.

Valid in:	sas.reportdata.system configuration definition
Type:	SAS Viya configuration property
Default:	36,000
Component:	reportData
See:	“About This Dictionary ” on page 17

reportdata.system - tempCacheTimeInCacheSeconds

The number of seconds allowed for a client to retrieve temporary result data files before the files are removed from the cache.

Valid in:	sas.reportdata.system configuration definition
Type:	SAS Viya configuration property
Default:	1,800
Component:	reportData
See:	“About This Dictionary ” on page 17

reportdata.system - xmlParserPoolSize

The number of XML parsers to be instantiated during application start-up.

Valid in:	sas.reportdata.system configuration definition
Type:	SAS Viya configuration property
Default:	50
Component:	reportData
See:	“About This Dictionary ” on page 17

reportdistribution - debugPrintReportPackage

Advanced property for controlling report processing and printing.

Valid in: sas.reportdistribution configuration definition

Type: SAS Viya configuration property

Default: **false**

Component: reportDistribution

See: [“About This Dictionary ” on page 17](#)

Details

This is a user-optional, advanced property for controlling report processing and printing.

.....
Note: Do not enter a property name-value pair unless you are directed to do so by SAS Technical Support.
.....

reportdistribution - forceSynchronousRendering

Advanced property for controlling report processing and printing.

Valid in: sas.reportdistribution configuration definition

Type: SAS Viya configuration property

Default: **false**

Component: reportDistribution

See: [“About This Dictionary ” on page 17](#)

Details

This is a user-optional, advanced property for controlling report processing and printing.

.....
Note: Do not enter a property name-value pair unless you are directed to do so by SAS Technical Support.
.....

reportdistribution - heartBeatInterval

Advanced property for controlling report processing and printing.

Valid in: sas.reportdistribution configuration definition
Type: SAS Viya configuration property
Default: 10
Component: reportDistribution
See: [“About This Dictionary ” on page 17](#)

Details

This is a user-optional, advanced property for controlling report processing and printing.

Note: Do not enter a property name-value pair unless you are directed to do so by SAS Technical Support.

reportdistribution - maximumEmailsPerJob

Advanced property for controlling report processing and printing.

Valid in: sas.reportdistribution configuration definition
Type: SAS Viya configuration property
Default: 500
Component: reportDistribution
See: [“About This Dictionary ” on page 17](#)

Details

Note: You cannot exceed the fallback limits of 50 for the **maximumEmailsPerJob** and the **maximumRenderingsPerJob** properties. Administrators need to be aware of this and use care when constructing groups and distributions and the configured limits if you want to generate emails for a large number of users.

reportdistribution - maximumRenderingsPerJob

Advanced property for controlling report processing and printing.

Valid in: sas.reportdistribution configuration definition

Type: SAS Viya configuration property

Default: 500

Component: reportDistribution

See: [“About This Dictionary ” on page 17](#)

Details

Note: You cannot exceed the fallback limits of 50 for the **maximumEmailsPerJob** and the **maximumRenderingsPerJob** properties. Administrators need to be aware of this and use care when constructing groups and distributions and the configured limits if you want to generate emails for a large number of users.

reportdistribution - maximumRenderJobWaitTimeSeconds

Advanced property for controlling report processing and printing.

Valid in: sas.reportdistribution configuration definition

Type: SAS Viya configuration property

Default: 900

Component: reportDistribution

See: [“About This Dictionary ” on page 17](#)

Details

This is a user-optional, advanced property for controlling report processing and printing.

Note: Do not enter a property name-value pair unless you are directed to do so by SAS Technical Support.

reportdistribution.mail - defaultFromAddress

Mail requires a from address, and it uses this address.

Valid in: sas.reportdistribution.mail configuration definition

Type: SAS Viya configuration property

Default: **replies-disabled@sas.com**

Component: reportDistribution

See: [“About This Dictionary ” on page 17](#)

Details

A value for this field is required. Specifies the address from which reports are distributed. If this value is invalid, the value of the fromAddress property of the Mail service is used.

reportdistribution.mail - defaultFromName

The display name of the sender of the distribution output.

Valid in: sas.reportdistribution.mail configuration definition

Type: SAS Viya configuration property

Default: (see details)

Component: reportDistribution

See: [“About This Dictionary ” on page 17](#)

Details

The default value is: **SAS Visual Analytics Report Distribution**.

reportimages.config - localeSensitiveThumbnails

Specifies whether image thumbnails are locale-sensitive.

Valid in:	<code>sas.reportimages</code> configuration definition
Type:	SAS Viya configuration property
Default:	false
Component:	reportImages
See:	“About This Dictionary ” on page 17

Details

By default, this property is set to 0 (which indicates that thumbnails are not locale-sensitive) to improve performance.

reportimages.config - perUserJobLimit

The maximum number of running report images jobs an individual user can have.

Valid in:	<code>sas.reportimages.config</code> configuration definition
Type:	SAS Viya configuration property
Default:	20
Component:	reportImages
See:	“About This Dictionary ” on page 17

Details

If in excess, the user receives a default thumbnail image. Set to '-1' to disable this limit.

reportimages.config - reportSummaryFallbackToTextTemplate

Set to 'true' to enable legacy Report Summary technique.

Valid in:	<code>sas.reportimages.config</code> configuration definition
Type:	SAS Viya configuration property
Default:	false
Component:	reportImages
See:	“About This Dictionary ” on page 17

reportpackages.export - dataJobTimeoutSecondsOffline

The number of seconds allowed for executing an export job.

Valid in:	<code>sas.reportpackages.export</code> configuration definition
Type:	SAS Viya configuration property
Default:	3,600
Component:	reportPackages
See:	“About This Dictionary ” on page 17

reportpackages.export - interactiveDataLimitMultiplier

The multiplication factor that is applied to the standard data limits for interactive data queries.

Valid in:	<code>sas.reportpackages.export</code> configuration definition
Type:	SAS Viya configuration property
Default:	2
Component:	reportPackages
See:	“About This Dictionary ” on page 17

reportpackages.export - offlineDataQueryLimit

The maximum number of queries allowed per object while the service collects all of the interactive data for an exported report package.

Valid in:	<code>sas.reportpackages.export</code> configuration definition
Type:	SAS Viya configuration property
Default:	20,000

Component: reportPackages
See: [“About This Dictionary ” on page 17](#)

reportpackages.export - offlineDataSizeLimitBytes

The maximum size of a query result data file for an exported report package.

Valid in: sas.reportpackages.export configuration definition
Type: SAS Viya configuration property
Default: 10,000,000
Component: reportPackages
See: [“About This Dictionary ” on page 17](#)

reportpackages.properties - imageDefaultMaxBytes

The maximum number of bytes for an image.

Valid in: sas.reportpackages.properties configuration definition
Type: SAS Viya configuration property
Default: 307,200
Component: reportPackages
See: [“About This Dictionary ” on page 17](#)

Details

Larger images are scaled down unless the image object in the report has a **Scale type** of **None**.

reportpackages.properties - subscribeConcurrentRequestLimit

The maximum number of report packages that can be generated concurrently per user.

Valid in: sas.reportpackages.properties configuration definition
Type: SAS Viya configuration property

Default: 5
Component: reportPackages
See: [“About This Dictionary ” on page 17](#)

reportpackages.properties - subscribeConcurrentRequestLimitGuest

The maximum number of report packages that can be generated concurrently for the Guest user.

Valid in: sas.reportpackages.properties configuration definition
Type: SAS Viya configuration property
Default: 10
Component: reportPackages
See: [“About This Dictionary ” on page 17](#)

reportpackages.system - backgroundThreadMonitorSecs

The frequency, in seconds, at which the background thread monitor runs.

Valid in: sas.reportpackages.system configuration definition
Type: SAS Viya configuration property
Default: 0
Component: reportPackages
See: [“About This Dictionary ” on page 17](#)

Details

The value 0 indicates that the monitor is disabled.

reportpackages.system - packageExpirationTime

The amount of time, in seconds, after which the report package expires from the cache.

Valid in: sas.reportpackages.system configuration definition

Type: SAS Viya configuration property
Default: 7,200
Component: reportPackages
See: [“About This Dictionary ” on page 17](#)

reportpackages.system - useProxyServiceForExternalImages

Enable the Cross Domain Proxy service to retrieve the external images in the report.

Valid in: sas.reportpackages.system configuration definition
Type: SAS Viya configuration property
Default: **false**
Component: reportPackages
See: [“About This Dictionary ” on page 17](#)

reportpackages.system - xmlParserPoolSize

The number of XML parsers to be instantiated during application start-up.

Valid in: sas.reportpackages.system configuration definition
Type: SAS Viya configuration property
Default: 50
Component: reportPackages
See: [“About This Dictionary ” on page 17](#)

reportrenderer.properties - footerContentFormatted

The HTML formatted footer to be included on each PDF rendered page.

Valid in: sas.reportrenderer.properties configuration definition
Type: SAS Viya configuration property
Default: -
Component: reportRenderer

See: [“About This Dictionary ” on page 17](#)

Details

The following Cascading Style Sheets (CSS) attribute values are supported: color, font-family, font-style, font-size, font-weight, and text-decoration.

The following rules apply to the footer definition:

- The footer definition must consist of one or more HTML `<span>` elements. The spans cannot be nested.
- You can use the `<br />` element between spans to force a line break.
- You can use the `style=` attribute in the `<span>` element to specify formatting for the text in the span.

Here is a sample footer definition:

```
find me value https://go.documentation.sas.com/doc/en/vacdc/default/varef/n1fnfciykm1pbwn18iz1q
```

reportrender.properties - forcePDFAccessibleTags

Force all generated PDF files to include accessibility information (tagged PDF).

Valid in: sas.reportrender.properties configuration definition

Type: SAS Viya configuration property

Default: **false**

Component: reportRenderer

See: [“About This Dictionary ” on page 17](#)

Details

Set this value to true to override the user-level enablePdfAccessibleTags option.

reportrender.properties - timeoutMillis

The number of milliseconds that elapse before the rendering process times out.

Valid in: sas.reportrender.properties configuration definition

Type: SAS Viya configuration property

Default: 300,000
Component: reportRenderer
See: [“About This Dictionary ” on page 17](#)

reportrenderer.properties - webContentRendererLink

The URL to a service that provides images for printing of web content.

Valid in: sas.reportrenderer.properties configuration definition
Type: SAS Viya configuration property
Default: -
Component: reportRenderer
See: [“About This Dictionary ” on page 17](#)

Details

In order for web content to be included when you print a report, you must set up an application to provide images for the web content. A third-party tool such as Rendertron (<https://github.com/GoogleChrome/rendertron>) is one option that you can install and configure to generate such images dynamically by using Headless Chrome.

The Report Renderer service supports URLs with the following substitution tokens: `__WebContentURL__`, `__ImageWidth__`, and `__ImageHeight__`.

The Report Renderer service substitutes the `__WebContentURL__` token with the web content URL that is in the report. The Report Renderer service substitutes `__ImageWidth__` and `__ImageHeight__` with the requested image size, as allocated by the report layout.

The `webContentRendererLink` token supports only standard web content (that is, content that does not require data or authentication). For this reason, data-driven content and SAS Stored Processes are not supported and cannot be rendered when reports are printed.

You must add this domain to the cross-domain proxy allowlist. See [“crossdomainproxy - allowedDomains” on page 220](#).

Here is an example:

`http://my-server.example.com:3000/screenshot/__WebContentURL__?width=__ImageWidth__&height=__ImageHeight__`

reportrenderer.system - cacheDuration

The number of seconds allowed before rendered reports are deleted from the cache.

Valid in: sas.reportrenderer.system configuration definition
Type: SAS Viya configuration property
Default: 300
Component: reportRenderer
See: [“About This Dictionary ” on page 17](#)

reportrenderer.system - workingDirectory

Override the working directory that is used for building rendered reports.

Valid in: sas.reportrenderer.system configuration definition
Type: SAS Viya configuration property
Default: -
Component: reportRenderer
See: [“About This Dictionary ” on page 17](#)

reports.config - maxFileSize

Used to safeguard the system from running out of resources due to saving very large report.

Valid in: sas.reports.config configuration definition
Type: SAS Viya configuration property
Default: 10000000
Component: reportsPersistence
See: [“About This Dictionary ” on page 17](#)

reporttransforms - maxFileSize

Used to safeguard the system from running out of resources due to saving very large report.

Valid in: sas.reporttransforms configuration definition

Type: SAS Viya configuration property
Default: 10000000
Component: reportTransforms
See: [“About This Dictionary ” on page 17](#)

retailpricing - casServerLibName

CAS server library name

Valid in: sas.retailpricing configuration definition
Type: SAS Viya configuration property
Default: **PUBLIC**
Component: retailPricing
See: [“About This Dictionary ” on page 17](#)

retailpricing - casServerName

CAS server name

Valid in: sas.retailpricing configuration definition
Type: SAS Viya configuration property
Default: **cas-shared-default**
Component: retailPricing
See: [“About This Dictionary ” on page 17](#)

retailpricing - computeServerContextName

Compute context name for submitting compute requests

Valid in: sas.retailpricing configuration definition
Type: SAS Viya configuration property
Default: (see details)
Component: retailPricing
See: [“About This Dictionary ” on page 17](#)

Details

The default value is: **SAS Intelligent Pricing compute context**.

retailpricing - computeServerPollSleepInterval

Poll sleep interval for compute server.

Valid in: sas.retailpricing configuration definition
Type: SAS Viya configuration property
Default: 10,000
Component: retailPricing
See: [“About This Dictionary ” on page 17](#)

retailpricing - computeServerThreadCorePoolSize

Pool size

Valid in: sas.retailpricing configuration definition
Type: SAS Viya configuration property
Default: 5
Component: retailPricing
See: [“About This Dictionary ” on page 17](#)

retailpricing - computeServerThreadMaxPoolSize

Max pool size

Valid in: sas.retailpricing configuration definition
Type: SAS Viya configuration property
Default: 10
Component: retailPricing
See: [“About This Dictionary ” on page 17](#)

retailpricing - grantAllWritePermission

Job time out period in milliseconds

Valid in: sas.retailpricing configuration definition
Type: SAS Viya configuration property
Default: 10,800,00
Component: retailPricing
See: [“About This Dictionary ” on page 17](#)

cirrus.attachment - sizeLimit

The maximum size in bytes of attachments that can be added to the system.

Valid in: sas.cirrus.attachment configuration definition
Type: SAS Viya configuration property
Default: 104,857,600
Component: riskCirrusObjects
See: [“About This Dictionary ” on page 17](#)

cirrus.attachment - tempCleanupInitDelay

The time in milliseconds after start up that the first temporary attachment check will begin.

Valid in: sas.cirrus.attachment configuration definition
Type: SAS Viya configuration property
Default: 60,000
Component: riskCirrusObjects
See: [“About This Dictionary ” on page 17](#)

cirrus.attachment - tempCleanupPeriod

The period in milliseconds between automatic checks for expired temporary attachments.

Valid in: sas.cirrus.attachment configuration definition

Type:	SAS Viya configuration property
Default:	300,000
Component:	riskCirrusObjects
See:	“About This Dictionary ” on page 17

cirrus.attachment - tempExpiry

The maximum time in milliseconds that a temporary attachment can exist in the system until it will expire and become eligible for automatic deletion.

Valid in:	sas.cirrus.attachment configuration definition
Type:	SAS Viya configuration property
Default:	3,600,000
Component:	riskCirrusObjects
See:	“About This Dictionary ” on page 17

cirrus.attachment - type.exclusion

A comma-separated list of attachment types to disallow in the system.

Valid in:	sas.cirrus.attachment configuration definition
Type:	SAS Viya configuration property
Default:	(see details)
Component:	riskCirrusObjects
See:	“About This Dictionary ” on page 17

Details

The default value is: **exe,application/x-msdownload,sh,bat**. The type values can be either file extensions (.txt) or file MIME types (text/plain).

cirrus.attachment - type.inclusion

A comma-separated list of attachment types to allow in the system.

Valid in:	sas.cirrus.attachment configuration definition
Type:	SAS Viya configuration property

Default: (not set)
Component: riskCirrusObjects
See: [“About This Dictionary ” on page 17](#)

Details

The type values can be either file extensions (.txt) or file MIME types (text/plain).

cirrus.attachment - userLimit

A comma-separated list of attachment types to allow in the system.

Valid in: sas.cirrus.attachment configuration definition
Type: SAS Viya configuration property
Default: 1,073,741,824
Component: riskCirrusObjects
See: [“About This Dictionary ” on page 17](#)

cirrus.cds - tomcat.max-active

The maximum number of active connections that can be allocated.

Valid in: sas.cirrus.cds configuration definition
Type: SAS Viya configuration property
Default: 50
Component: riskCirrusObjects
See: [“About This Dictionary ” on page 17](#)

cirrus.cds - tomcat.max-idle

The maximum number of connections that should be kept in the pool at all times.

Valid in: sas.cirrus.cds configuration definition
Type: SAS Viya configuration property
Default: 10
Component: riskCirrusObjects

See: [“About This Dictionary ” on page 17](#)

cirrus.cds - tomcat.max-wait

The maximum number of milliseconds that the pool will wait for a connection to be returned before throwing an exception.

Valid in: sas.cirrus.cds configuration definition

Type: SAS Viya configuration property

Default: **1,000**

Component: riskCirrusObjects

See: [“About This Dictionary ” on page 17](#)

cirrus.cds - tomcat.remove-abandoned-timeout

Timeout in seconds before an abandoned (in use) connection can be removed.

Valid in: sas.cirrus.cds configuration definition

Type: SAS Viya configuration property

Default: **120**

Component: riskCirrusObjects

See: [“About This Dictionary ” on page 17](#)

cirrus.dataload - updateCount

The frequency at which the data load job updates its status in the database, specified as the number of records between updates.

Valid in: sas.cirrus.dataload configuration definition

Type: SAS Viya configuration property

Default: **500**

Component: riskCirrusObjects

See: [“About This Dictionary ” on page 17](#)

cirrus.executors - asyncWeb.corePoolSize

The core thread pool size for asynchronous web execution. Value must be less than or equal to max pool size.

Valid in:	sas.cirrus.executors configuration definition
Type:	SAS Viya configuration property
Default:	5
Component:	riskCirrusObjects
See:	“About This Dictionary ” on page 17

cirrus.executors - asyncWeb.maxPoolSize

The maximum thread pool size for asynchronous web execution.

Valid in:	sas.cirrus.executors configuration definition
Type:	SAS Viya configuration property
Default:	10
Component:	riskCirrusObjects
See:	“About This Dictionary ” on page 17

cirrus.executors - asyncWeb.queueCapacity

The queue capacity for communicating with integration APIs.

Valid in:	sas.cirrus.executors configuration definition
Type:	SAS Viya configuration property
Default:	25
Component:	riskCirrusObjects
See:	“About This Dictionary ” on page 17

cirrus.executors - backgroundJobs.corePoolSize

The core thread pool size for background job execution. Value must be less than or equal to max pool size.

Valid in: sas.cirrus.executors configuration definition
Type: SAS Viya configuration property
Default: 5
Component: riskCirrusObjects
See: [“About This Dictionary ” on page 17](#)

cirrus.executors - backgroundJobs.maxPoolSize

The maximum thread pool size for background job execution.

Valid in: sas.cirrus.executors configuration definition
Type: SAS Viya configuration property
Default: 5
Component: riskCirrusObjects
See: [“About This Dictionary ” on page 17](#)

cirrus.executors - backgroundJobs.queueCapacity

The queue capacity for background job execution.

Valid in: sas.cirrus.executors configuration definition
Type: SAS Viya configuration property
Default: 25
Component: riskCirrusObjects
See: [“About This Dictionary ” on page 17](#)

cirrus.executors - indexing.corePoolSize

The core thread pool size for search indexing. Value must be less than or equal to max pool size.

Valid in: sas.cirrus.executors configuration definition
Type: SAS Viya configuration property
Default: 1
Component: riskCirrusObjects
See: [“About This Dictionary ” on page 17](#)

cirrus.executors - indexing.maxPoolSize

The maximum thread pool size for search indexing.

Valid in: sas.cirrus.executors configuration definition
Type: SAS Viya configuration property
Default: 1
Component: riskCirrusObjects
See: [“About This Dictionary ” on page 17](#)

cirrus.executors - indexing.queueCapacity

The queue capacity for search indexing.

Valid in: sas.cirrus.executors configuration definition
Type: SAS Viya configuration property
Default: 25,000
Component: riskCirrusObjects
See: [“About This Dictionary ” on page 17](#)

cirrus.executors - integrations.corePoolSize

The core thread pool size for communicating with integration APIs. Value must be less than or equal to max pool size.

Valid in: sas.cirrus.executors configuration definition
Type: SAS Viya configuration property
Default: 10
Component: riskCirrusObjects
See: [“About This Dictionary ” on page 17](#)

cirrus.executors - integrations.maxPoolSize

The maximum thread pool size for communicating with integration APIs.

Valid in:	<code>sas.cirrus.executors</code> configuration definition
Type:	SAS Viya configuration property
Default:	20
Component:	<code>riskCirrusObjects</code>
See:	“About This Dictionary ” on page 17

cirrus.executors - integrations.queueCapacity

The queue capacity for asynchronous web execution.

Valid in:	<code>sas.cirrus.executors</code> configuration definition
Type:	SAS Viya configuration property
Default:	5,000
Component:	<code>riskCirrusObjects</code>
See:	“About This Dictionary ” on page 17

cirrus.export.attachments - dataLimit

The maximum amount of data which may be exported. The supported units are B, KB, MB, GB, and TB.

Valid in:	<code>sas.cirrus.export.attachments</code> configuration definition
Type:	SAS Viya configuration property
Default:	10MB
Component:	<code>riskCirrusObjects</code>
See:	“About This Dictionary ” on page 17

cirrus.export.attachments - objectLimit

The maximum number of objects for which attachments may be exported.

Valid in:	<code>sas.cirrus.export.attachments</code> configuration definition
Type:	SAS Viya configuration property
Default:	10
Component:	<code>riskCirrusObjects</code>
See:	“About This Dictionary ” on page 17

cirrus.jobs - abandonedJobsCleanupInitDelay

The time in milliseconds after start up that the first scan for abandoned jobs will begin.

Valid in: sas.cirrus.jobs configuration definition
Type: SAS Viya configuration property
Default: 60,000
Component: riskCirrusObjects
See: [“About This Dictionary ” on page 17](#)

cirrus.jobs - abandonedJobsCleanupPeriod

The period in milliseconds between automatic scans for abandoned jobs.

Valid in: sas.cirrus.jobs configuration definition
Type: SAS Viya configuration property
Default: 300,000
Component: riskCirrusObjects
See: [“About This Dictionary ” on page 17](#)

cirrus.reporting - cacheMagnitude

The maximum number of cache entries allowed in orders of magnitude such that the cache size is 10^M where M is the value of this property.

Valid in: sas.cirrus.reporting configuration definition
Type: SAS Viya configuration property
Default: 4
Component: riskCirrusObjects
See: [“About This Dictionary ” on page 17](#)

cirrus.reporting - cacheTTI

The expiration time in of cache entries since last entry read - time to idle. Values under 1m, denoting one minute, will be considered invalid and default to one minute.

Valid in: sas.cirrus.reporting configuration definition
Type: SAS Viya configuration property
Default: 1m
Component: riskCirrusObjects
See: [“About This Dictionary ” on page 17](#)

cirrus.reporting - changeReasonWeight

The fraction of the cache allocated to extracted change reason data.

Valid in: sas.cirrus.reporting configuration definition
Type: SAS Viya configuration property
Default: 10
Component: riskCirrusObjects
See: [“About This Dictionary ” on page 17](#)

cirrus.reporting - corePoolSize

The core thread pool size for reporting job execution.

Valid in: sas.cirrus.reporting configuration definition
Type: SAS Viya configuration property
Default: 5
Component: riskCirrusObjects
See: [“About This Dictionary ” on page 17](#)

Details

Value must be less than or equal to max pool size.

cirrus.reporting - loadFactor:

The weight of an extraction page on the loading capacity of an extraction job

Valid in: sas.cirrus.reporting configuration definition
Type: SAS Viya configuration property

Default: 0.5
Component: riskCirrusObjects
See: [“About This Dictionary ” on page 17](#)

Details

Must be a value between zero and one, denoting a percentage. Any and every value outside this range will be considered invalid and default to zero. A factor of 0.1 means that each extraction weights 10% on the load capacity, such that every 10 extractions will trigger a load.

cirrus.reporting - maximumDuration

The maximum amount of time an extraction can run.

Valid in: sas.cirrus.reporting configuration definition
Type: SAS Viya configuration property
Default: 15m
Component: riskCirrusObjects
See: [“About This Dictionary ” on page 17](#)

cirrus.reporting - maxPoolSize

The maximum thread pool size for reporting job execution.

Valid in: sas.cirrus.reporting configuration definition
Type: SAS Viya configuration property
Default: 10
Component: riskCirrusObjects
See: [“About This Dictionary ” on page 17](#)

cirrus.reporting - pageSize

The number of records to extract at a time during an extraction job.

Valid in: sas.cirrus.reporting configuration definition
Type: SAS Viya configuration property

Default: 250
Component: riskCirrusObjects
See: [“About This Dictionary ” on page 17](#)

cirrus.reporting - pointWeight

The fraction of the cache allocated to classification point data.

Valid in: sas.cirrus.reporting configuration definition
Type: SAS Viya configuration property
Default: 75
Component: riskCirrusObjects
See: [“About This Dictionary ” on page 17](#)

cirrus.reporting - queueCapacity

The queue capacity for reporting registration extractions.

Valid in: sas.cirrus.reporting configuration definition
Type: SAS Viya configuration property
Default: 25
Component: riskCirrusObjects
See: [“About This Dictionary ” on page 17](#)

cirrus.reporting - sourceSystemWeight

The fraction of the cache allocated to extracted source system data.

Valid in: sas.cirrus.reporting configuration definition
Type: SAS Viya configuration property
Default: 15
Component: riskCirrusObjects
See: [“About This Dictionary ” on page 17](#)

cirrus.search.index.attachment - sizeLimit

The maximum size in bytes of attachments that can be indexed.

Valid in:	sas.cirrus.search.index.attachment configuration definition
Type:	SAS Viya configuration property
Default:	104,857,600
Component:	riskCirrusObjects
See:	“About This Dictionary ” on page 17

cirrus.search.index.attachment - type.exclusion

A comma-separated list of attachment types to disallow indexing in the system.

Valid in:	sas.cirrus.search.index.attachment configuration definition
Type:	SAS Viya configuration property
Default:	(see details)
Component:	riskCirrusObjects
See:	“About This Dictionary ” on page 17

Details

exe,application/x-msdownload,sh,bat,jpeg,jpg

The type values can be either file extensions (.txt) or file MIME types (text/plain).

cirrus.search.index.attachment - type.inclusion

A comma-separated list of attachment types to allow indexing in the system.

Valid in:	sas.cirrus.search.index.attachment configuration definition
Type:	SAS Viya configuration property
Default:	(not set)
Component:	riskCirrusObjects
See:	“About This Dictionary ” on page 17

Details

The type values can be either file extensions (.txt) or file MIME types (text/plain).

cirrus.security - adminGroupIds

A comma-separated list of groups that are Cirrus administrators.

Valid in:	<code>sas.cirrus.security</code> configuration definition
Type:	SAS Viya configuration property
Default:	CirrusAdmins
Component:	<code>riskCirrusObjects</code>
See:	“About This Dictionary ” on page 17

cirrus.security - systemGroupIds

A comma-separated list of groups that are Viya system administrators.

Valid in:	<code>sas.cirrus.security</code> configuration definition
Type:	SAS Viya configuration property
Default:	SASAdministrators
Component:	<code>riskCirrusObjects</code>
See:	“About This Dictionary ” on page 17

riskcirruscore - computeContextName

Specifies Compute context name to be used by Risk Cirrus Core service.

Valid in:	<code>sas.riskcirruscore</code> configuration definition
Type:	SAS Viya configuration property
Default:	(see details)
Component:	<code>riskCirrusCore</code>
See:	“About This Dictionary ” on page 17

Details

The default value is: **Risk Cirrus Core service compute context**

riskcirruscore - computeSessionInactiveTimeout

Specifies the Compute session inactive timeout value in seconds for jobs submitted by Core.

Valid in: sas.riskcirruscore configuration definition
Type: SAS Viya configuration property
Default: **120**
Component: riskCirrusCore
See: [“About This Dictionary ” on page 17](#)

riskcirruscore - requireACL

When on Linux Access Control Lists(ACLs) will be used to set permission on AnalysisRun directories.

Valid in: sas.riskcirruscore configuration definition
Type: SAS Viya configuration property
Default: **false**
Component: riskCirrusCore
See: [“About This Dictionary ” on page 17](#)

riskdata - computeContextName

Specifies Compute context to be used by Risk Data Service. Changing this would require service restart.

Valid in: sas.riskdata configuration definition
Type: SAS Viya configuration property
Default: (see details)
Component: riskData
See: [“About This Dictionary ” on page 17](#)

Details

The default value is: **Risk Data Service compute context**

riskdata - exportCASDataTableOptions

Optional parameters for tuning export of large data sets to CAS.

Valid in: **sas.riskdata** configuration definition
Type: SAS Viya configuration property
Default: **(see details)**
Component: **riskData**
See: [“About This Dictionary ” on page 17](#)

Details

numReadBuffers=10,numReadNodes=0,readbuff=5000

riskdata - maximumUploadSize

Specifies the maximum amount of data that can be uploaded to the service in one request.

Valid in: **sas.riskdata** configuration definition
Type: SAS Viya configuration property
Default: **100,000,000**
Component: **riskData**
See: [“About This Dictionary ” on page 17](#)

drive.service -

SAS Drive will be retired in the 2026.06 (June 2026) release. See details.

Valid in: **sas.drive.service** configuration definition
Type: SAS Viya configuration property
Default: **200**
Component: **drive**

See: [“About This Dictionary ” on page 17](#)

Details

Starting in the 2024.12 release, the SAS Drive application is disabled by default. Administrators can enable SAS Drive until the product is formally retired in the 2026.06 (June 2026) release. The content management functionality of SAS Drive is now available on the Content page in SAS Environment Manager. See [“Change the Initial SAS Viya Landing Page for SAS Users” in SAS Environment Manager: User’s Guide](#).

drive.service - maxNumUserCacheRecords

The maximum number of cached user-specific records.

Valid in: sas.drive.service configuration definition
Type: SAS Viya configuration property
Default: 200
Component: drive
See: [“About This Dictionary ” on page 17](#)

Details

Note: The SAS Drive Service is new in 2023.12. These configuration settings allow you to tune the SAS Drive Service caches based on performance or memory issues.

The valid range is 0 to 1,000,000.

The label for this property is **Maximum Cached User Records**.

drive.service - maxNumResourceCacheRecords

The maximum number of cached resource-specific records.

Valid in: sas.drive.service configuration definition
Type: SAS Viya configuration property
Default: 20000
Component: drive
See: [“About This Dictionary ” on page 17](#)

Details

Note: The SAS Drive Service is new in 2023.12. These configuration settings allow you to tune the SAS Drive Service caches based on performance or memory issues.

The valid range is 0 to 1,000,000,000.

The label for this property is **Maximum Cached Resource Records**.

drive.service - maxNumInFolderCacheRecords

The maximum number of resource-specific records per 'in folder' cache.

Valid in:	sas.drive.service configuration definition
Type:	SAS Viya configuration property
Default:	1000
Component:	drive
See:	“About This Dictionary ” on page 17

Details

Note: The SAS Drive Service is new in 2023.12. These configuration settings allow you to tune the SAS Drive Service caches based on performance or memory issues.

An 'in folder' cache identifies which resources are in a specific folder and its subfolders. The valid range is 0 to 100,000.

The label for this property is **Maximum Cached 'In Folder' Resource Records**.

environmentmanager - logsPageAppURL

The full URL for the logs application.

Valid in:	sas.environmentmanager configuration definition
Type:	SAS Viya configuration property
Default:	-
Component:	SAS Environment Manager
See:	“About This Dictionary ” on page 17

Details

The label for this property is **Logs application URL**.

environmentmanager - metricsAppURL

The full URL for the metrics application.

Valid in:	sas.environmentmanager configuration definition
Type:	SAS Viya configuration property
Default:	-
Component:	SAS Environment Manager
See:	“About This Dictionary ” on page 17

Details

The label for this property is **Metrics application URL**.

healthaddinmgrservice.administrators - administrators

The comma-separated list of groups that are administrators for SAS Health: Add-in Manager.

Valid in:	sas.healthaddinmgrservice.administrators configuration definition
Type:	SAS Viya configuration property
Default:	SASAdministrators, sasapp
Component:	SAS Health Add-in Manager
See:	“About This Dictionary ” on page 17

healthcohort - healthLanguage.server

URL of the Health Language Server used to search for health care codes.

Valid in:	sas.healthcohort configuration definition
Type:	SAS Viya configuration property
Default:	(see details)

Component: SAS Health Cohort Builder Service
See: [“About This Dictionary ” on page 17](#)

Details

The default value is: `https://h1srd55au.ondemand.sas.com/api/v1.`

healthcohort - healthLanguage.token

Health Language authorization token.

Valid in: sas.healthcohort configuration definition
Type: SAS Viya configuration property
Default: **(see details)**
Component: SAS Health Cohort Builder Service
See: [“About This Dictionary ” on page 17](#)

Details

The default health Language authorization token is:
`eyJhbGciOiJIUzI1NiJ9.eyJqdGkiOiJ4azc0dJubFVVZz0ifQ.XGtJ3ulqKNovrl8beqq8gQiqhx5f31cYAL-d4MeLC64`

intelligent.decisioning -

SAS Data Intelligent Decisioning service contains general administrative properties that are listed in SAS Intelligent Decisioning: Administrator's Guide.

Valid in: sas.intelligent.decisioning configuration definition
Type: SAS Viya configuration property
Component: SAS Intelligent Decisioning
See: [“SAS Intelligent Decisioning Service Properties” in SAS Intelligent Decisioning: Administrator's Guide](#)

jobexecapp

These configuration properties control the default behavior of the SAS Job Execution Web Application.

Valid in:	sas.jobexecapp configuration definition
Type:	SAS Viya configuration property
Default:	(see details)
Component:	SASJobExecution
Security critical category:	WEB
See:	“Setting Configuration Properties” in SAS Job Execution Web Application: User’s Guide “About This Dictionary ” on page 17

Details

The SAS Job Execution Web Application is a web-based client that is written in Go and it is used to create, manage, and execute jobs. For more information about the properties for the SAS Job Execution Web Application, see [“Setting Configuration Properties” in SAS Job Execution Web Application: User’s Guide](#).

Note: SCRIPT tags are disabled in order to prevent Cross-Site Scripting (XSS) attacks for the Content-Security-Policy setting for jobs. See [“Setting the Content Security Policy” in SAS Job Execution Web Application: User’s Guide](#) for more information.

file.polling.interval

The polling interval checks the status of the file used in a file-event trigger.

Valid in:	sas.file.polling.interval configuration definition
Type:	SAS Viya configuration property
Default:	30s
Component:	SASJobFlowScheduling
See:	“Adjust the File-Status Polling Interval” in SAS Viya Platform: Jobs and Flows “About This Dictionary ” on page 17

Details

Set the interval between 30 seconds and one hour. The default is 30 seconds. The format is a duration string. Duration string is a signed sequence of decimal numbers with optional fraction and unit suffix. Here are examples: "100ms", "2.3h" or "4h35m".

commons.rest.jpa.expiration - batchSize

The number of records to retrieve as a group when checking for expired records.

Valid in:	<code>sas.commons.rest.jpa.expiration</code> configuration definition
Type:	SAS Viya configuration property
Default:	50
Components:	(GLOBAL) <code>sas.commons.jpa.expiration</code> , scheduler
See:	"About This Dictionary " on page 17

commons.rest.jpa.expiration - enabled

Turn expiration of scheduler history on or off.

Valid in:	<code>sas.commons.rest.jpa.expiration</code> configuration definition
Type:	SAS Viya configuration property
Default:	true
Component:	scheduler
See:	"About This Dictionary " on page 17

commons.rest.jpa.expiration - reaperInterval

The interval of time to check for expired records - (m)inutes, (h)ours, (d)ays.

Valid in:	<code>sas.commons.rest.jpa.expiration</code> configuration definition
Type:	SAS Viya configuration property
Default:	1d
Component:	scheduler
See:	"About This Dictionary " on page 17

commons.rest.jpa.expiration - retention

The period of time to keep records.

Valid in:	<code>sas.commons.rest.jpa.expiration</code> configuration definition
Type:	SAS Viya configuration property
Default:	30d
Component:	scheduler
See:	“About This Dictionary ” on page 17

scheduler - acquireTriggersWithinLock

Provide additional locking when assigning jobs to clustered schedulers.

Valid in:	<code>sas.scheduler</code> configuration definition
Type:	SAS Viya configuration property
Default:	false
Component:	scheduler
See:	“About This Dictionary ” on page 17

scheduler - allowAbsoluteJobURIs

Allow the scheduler to run external URIs.

Valid in:	<code>sas.scheduler</code> configuration definition
Type:	SAS Viya configuration property
Default:	false
Component:	scheduler
Security critical category:	AUTHORIZATION
See:	“About This Dictionary ” on page 17

scheduler - dstEnabled

Allow Daylight Savings Time functionality in the scheduler.

Valid in: sas.scheduler configuration definition
Type: SAS Viya configuration property
Default: **false**
Component: scheduler
See: [“About This Dictionary ” on page 17](#)

scheduler - jobTimeOut

The maximum time a scheduled job is allowed.

Valid in: sas.scheduler configuration definition
Type: SAS Viya configuration property
Default: **30**
Component: scheduler
See: [“About This Dictionary ” on page 17](#)

scheduler - misfireThreshold

The maximum time a scheduled job is allowed to miss its scheduled execution time before being skipped.

Valid in: sas.scheduler configuration definition
Type: SAS Viya configuration property
Default: **60,000**
Component: scheduler
See: [“About This Dictionary ” on page 17](#)

scheduler - threadPoolMax

The maximum number of threads allocated to the scheduler thread pool.

Valid in:	sas.scheduler configuration definition
Type:	SAS Viya configuration property
Default:	100
Component:	scheduler
See:	“About This Dictionary ” on page 17

scheduler - threadPoolQueue

The number of jobs queued up waiting for available threads used by the scheduler thread pool.

Valid in:	sas.scheduler configuration definition
Type:	SAS Viya configuration property
Default:	25
Component:	scheduler
See:	“About This Dictionary ” on page 17

scheduler - threadPoolSize

The initial number of threads used by the scheduler thread pool.

Valid in:	sas.scheduler configuration definition
Type:	SAS Viya configuration property
Default:	5
Component:	scheduler
See:	“About This Dictionary ” on page 17

scheduler - timeZone

The default timeZone used by the scheduler.

Valid in:	sas.scheduler configuration definition
Type:	SAS Viya configuration property
Default:	-
Component:	scheduler
See:	“About This Dictionary ” on page 17

scoreexecution -

Score Execution service properties are documented in *SAS Intelligent Decisioning: Administrator's Guide*.

Valid in:	<code>sas.scoreexecution</code> configuration definition
Type:	SAS Viya configuration property
Component:	<code>scoreExecution</code>
See:	“Score Execution Service Properties” in <i>SAS Intelligent Decisioning: Administrator's Guide</i>

searchindex - annotationIndexingEnabled

Flag to Indicate whether annotations object indexing is currently enabled.

Valid in:	<code>sas.searchindex</code> configuration definition
Type:	SAS Viya configuration property
Default:	false
Component:	<code>searchIndex</code>
See:	“About This Dictionary ” on page 17

Details

The **AnnotationIndexingEnabled** is disabled by default to improve performance. A large number of annotations get indexed, which causes performance degradation.

If you want to index annotation objects, enable this feature by setting **AnnotationIndexingEnabled** to true in SAS Environment Manager. See [“Enable Annotation Object Indexing” in *SAS Environment Manager: User's Guide*](#).

searchindex - casExceptionTimeInterval

Interval in hours for delay in displaying detail description in log.

Valid in:	<code>sas.searchindex</code> configuration definition
Type:	SAS Viya configuration property
Default:	6

Component: searchIndex
See: [“About This Dictionary ” on page 17](#)

searchindex - casRecordPushSize

Number of records to be pushed to CAS for indexing in one go.

Valid in: sas.searchindex configuration definition
Type: SAS Viya configuration property
Default: 300
Component: searchIndex
See: [“About This Dictionary ” on page 17](#)

searchindex - indexingDelay

Interval in minutes to push the first feed when the service is running.

Valid in: sas.searchindex configuration definition
Type: SAS Viya configuration property
Default: 15
Component: searchIndex
See: [“About This Dictionary ” on page 17](#)

searchindex - maxAssociatedDataLimitPerRecord

Number of associated data per records to be pushed to CAS for indexing.

Valid in: sas.searchindex configuration definition
Type: SAS Viya configuration property
Default: 200
Component: searchIndex
See: [“About This Dictionary ” on page 17](#)

searchindex - newTypeIndexingExceptionInterval

Interval in hours for delay in displaying detail description in log if error occurs for new type full feed.

Valid in: sas.searchindex configuration definition
Type: SAS Viya configuration property
Default: 12
Component: searchIndex
See: [“About This Dictionary ” on page 17](#)

searchindex - newTypeIndexingInterval

Interval in minutes to detect any new indexable type and index the same.

Valid in: sas.searchindex configuration definition
Type: SAS Viya configuration property
Default: 20
Component: searchIndex
See: [“About This Dictionary ” on page 17](#)

searchindex - notificationCasExceptionInterval

Interval in hours for delay in sending notification for failure of CAS while indexing.

Valid in: sas.searchindex configuration definition
Type: SAS Viya configuration property
Default: 12
Component: searchIndex
See: [“About This Dictionary ” on page 17](#)

searchindex - pushInterval

Interval in minutes to push incremental data in CAS.

Valid in: sas.searchindex configuration definition

Type:	SAS Viya configuration property
Default:	5
Component:	searchIndex
See:	“About This Dictionary ” on page 17

searchindex - pushLimit

Numbers of records to be pulled from each indexable type in the REST API call to get indexable records in one go.

Valid in:	sas.searchindex configuration definition
Type:	SAS Viya configuration property
Default:	300
Component:	searchIndex
See:	“About This Dictionary ” on page 17

searchindex - scheduledEnabled

Flag to Indicate if scheduled indexing is enabled or not.

Valid in:	sas.searchindex configuration definition
Type:	SAS Viya configuration property
Default:	false
Component:	searchIndex
See:	“About This Dictionary ” on page 17

Details

Use the following steps to enable search indexing:

Enable scheduledEnabled Property

- 1 Navigate to the **Configuration** page of SAS Environment Manager.
- 2 Enter *Search Index* in the Search field and highlight **Search Index service**.
- 3 Click  to the right of the **sas.searchindex** configuration instance.
- 4 In the Edit sas.searchindex Configuration window scroll to the **scheduledEnabled** property and enable it by clicking the slider.
- 5 Click **Save**.

Once indexing is re-enabled, the incremental feed will restart. However, since the incremental feed is event-driven, it will only index data for which it receives events. Any data that was created, updated, or deleted when indexing was disabled is not indexed through this process. This can cause inconsistencies in search results. To address this issue, the recommended workaround is to initiate a full feed. This process pulls all indexable data and any associated data. During the full feed, any previously indexed content will be discarded to ensure that all relevant data is indexed.

Use the following steps to initiate a full feed:

Run the following command to obtain the access token for the user.

```
1 curl --location 'host-machine:443/SASLogon/oauth/token' \
  --header 'Authorization: Basic c2FzLmVjOg==' \
  --header 'Content-Type: application/x-www-form-urlencoded' \
  --header 'Origin: host-machine:443' \
  --data 'grant_type=password&username=username&password=password'
```

Replace *host-machine* with your environment host machine name.

Run the following command to re-index all objects. Use the access token that is output from the previous command.

```
2 curl --location --request POST 'host-machine/searchIndex/index/jobs' \
  --header 'Authorization: Bearer access-token' \
  --header 'Accept: application/vnd.sas.search.index.feed+json' \
  --header 'Origin: host-machine:443'
```

Replace:

- *host-machine* with your environment host machine name.
- *access-token* with the output from Step 1.

You can also re-index a specific object type. An example is if the object type was not indexed because of a bug or error in that object type's service. Use the following command to re-index an object type. Use the access token that is output from the command in Step 1.

```
3 curl --location --request POST 'host-machine/searchIndex/index/
typeJobs/object-type' \
  --header 'Authorization: Bearer access-token' \
  --header 'Accept: application/vnd.sas.search.index.feed+json' \
  --header 'Origin: host-machine:443'
```

Replace:

- *host-machine* with your environment host machine name.
- *access-token* with the output from Step 1.
- *object-type* with the object type that you want to re-index.

security

The set of properties that are used to configure Spring security.

Valid in:	security configuration definition
Type:	SAS Viya configuration property
Default:	
Component:	(SYSTEM) spring
Security critical category:	SESSION
See:	“About This Dictionary ” on page 17

Details

This is a Spring Boot property.

The `security` definition is a special system definition that does not have a list of individual properties and type constraints. The `allowUserProperties` is set to `true`, which allows for properties and values to be entered. The values for these keys must be expressed as strings and enclosed in quotation marks. However, if you use SAS Environment Manager to add or modify the values for a property, quotation marks are automatically added by the interface when you save the changes.

Disable Cross-Site Request Forgery (CSRF) Checking

CAUTION

SAS strongly recommends that CSRF is enabled. Disabling CSRF is a security risk and certain functionality of the SAS Viya system might become inoperable. For example, SAS Visual Analytics requires CSRF to be enabled.

- 1 To disable Cross-Site Request Forgery (CSRF) checking, create a new configuration for the **security** definition. On the Configurations page in SAS Environment Manager, highlight **security** from the **View: Definitions** list.
- 2 Click **New Configuration** at the top right of the page.
- 3 In the New security Configuration window, click **+ Add property**.
- 4 Enter the following:
 - **Name:** `enable-csrf`
 - **Value:** `false`
- 5 Click **Save**.
- 6 Modifying this property requires that you restart services. Some services restart automatically. If an impacted service does not restart after you save your changes, restart it manually. See [“Managing a Specific Server or Service” in SAS Viya Platform: General Management of Servers and Services](#).

See Also

[Spring Boot Properties](#)

server

The set of properties that are used to configure the embedded Spring server.

Valid in: server configuration definition

Type: SAS Viya configuration property

Default:

Component: (SYSTEM) spring

Security critical
category: SESSION

See: [“Configure the HTTP Session Time-out Interval” in SAS Viya Platform: Authentication](#)
[“Set Time-Out Interval for SAS Viya Platform Web Applications” in SAS Environment Manager: User’s Guide](#)
[“Set Time-Out Interval for SAS Viya Web Applications” in SAS Viya Platform: Configuration Properties](#)
[“About This Dictionary ” on page 17](#)

Details

This is a Spring Boot property.

The `server` definition is a special system definition that does not have a list of individual properties and type constraints. The `allowUserProperties` is set to `true`, which allows for properties and values to be entered. The values for these keys must be expressed as strings and enclosed in quotation marks. However, if you use SAS Environment Manager to add or modify the values for a property, quotation marks are automatically added by the interface when you save the changes.

See Also

[Spring Boot Properties](#)

server - servlet.session.timeout

Specifies the Spring Boot session time out interval.

Valid in: server configuration definition

Type: SAS Viya configuration property

Default: 1800

Component: (SYSTEM) spring

Security critical category: SESSION

See: [“Configure the HTTP Session Time-out Interval” in SAS Viya Platform: Authentication](#)
[“Set Time-Out Interval for SAS Viya Platform Web Applications” in SAS Environment Manager: User’s Guide](#)
[“Set Time-Out Interval for SAS Viya Web Applications” in SAS Viya Platform: Configuration Properties](#)
[“About This Dictionary ” on page 17](#)

Details

This is a Spring Boot property. The value should be expressed as an integer that represents the number of seconds. The default is 1800 seconds (30 minutes).

Note that the `servlet.session.timeout` and `http.session.maxAge` property values should be identical so that the time-out value is the same across all services.

The `server` definition is a special system definition that does not have a list of individual properties and type constraints. The `allowUserProperties` is set to `true`, which allows for properties and values to be entered. The values for these keys must be expressed as strings and enclosed in quotation marks. However, if you use SAS Environment Manager to add or modify the values for a property, quotation marks are automatically added by the interface when you save the changes.

See Also

[Spring Boot Properties](#)

server - http.session.maxAge

Specifies session time out interval for SAS Viya web applications.

Valid in:	server configuration definition
Type:	SAS Viya configuration property
Default:	1800
Component:	(SYSTEM) spring
Security critical category:	SESSION
See:	“Set Time-Out Interval for SAS Viya Platform Web Applications” in SAS Environment Manager: User’s Guide “Set Time-Out Interval for SAS Viya Web Applications” in SAS Viya Platform: Configuration Properties “About This Dictionary ” on page 17

Details

This is a Spring Boot property. The value should be expressed as an integer that represents the number of seconds. The default is 1800 seconds (30 minutes).

Note that the `servlet.session.timeout` and `http.session.maxAge` property values should be identical so that the time-out value is the same across all services.

Note: The `server` definition is a special system definition that does not have a list of individual properties and type constraints. The `allowUserProperties` is set to `true`, which allows for properties and values to be entered. The values for these keys must be expressed as strings and enclosed in quotation marks. However, if you use SAS Environment Manager to add or modify the values for a property, do not include quotation marks as they are automatically added by the interface when you save the changes.

See Also

[Spring Boot Properties](#)

sizeoptimization - casServerLibName

Cas server library name.

Valid in: sas.sizeoptimization configuration definition
Type: SAS Viya configuration property
Default: **PUBLIC**
Component: sizeOptimization
See: [“About This Dictionary ” on page 17](#)

sizeoptimization - casServerName

Cas server name.

Valid in: sas.sizeoptimization configuration definition
Type: SAS Viya configuration property
Default: **cas-shared-default**
Component: sizeOptimization
See: [“About This Dictionary ” on page 17](#)

sizeoptimization - computeServerPollSleepInterval

Poll sleep interval for compute server.

Valid in: sas.sizeoptimization configuration definition
Type: SAS Viya configuration property
Default: **15,000**
Component: sizeOptimization
See: [“About This Dictionary ” on page 17](#)

sizeoptimization - computeServerThreadCorePoolSize

Pool size.

Valid in: sas.sizeoptimization configuration definition
Type: SAS Viya configuration property
Default: 60
Component: sizeOptimization
See: [“About This Dictionary ” on page 17](#)

sizeoptimization - computeServerThreadMaxPoolSize

Max pool size.

Valid in: sas.sizeoptimization configuration definition
Type: SAS Viya configuration property
Default: 100
Component: sizeOptimization
See: [“About This Dictionary ” on page 17](#)

sizeoptimization - computeServerThreadQueueCapacity

Max thread queue capacity.

Valid in: sas.sizeoptimization configuration definition
Type: SAS Viya configuration property
Default: 500
Component: sizeOptimization
See: [“About This Dictionary ” on page 17](#)

sizeoptimization - jobTimeOut

Job time out period in milliseconds

Valid in: sas.sizeoptimization configuration definition
Type: SAS Viya configuration property
Default: 10,800,000

Component: sizeOptimization
See: [“About This Dictionary ” on page 17](#)

sizeoptimization - logTime

Logs time of executions in the debug logs.

Valid in: sas.sizeoptimization configuration definition
Type: SAS Viya configuration property
Default: **false**
Component: sizeOptimization
See: [“About This Dictionary ” on page 17](#)

sizeoptimization - packOptLogLevel

Set log levels to different values.

Valid in: sas.sizeoptimization configuration definition
Type: SAS Viya configuration property
Default: **0**
Component: sizeOptimization
See: [“About This Dictionary ” on page 17](#)

Details

The range is from 0 to 2. This is used to generate the detailed packopt logs

sizeoptimization - planningSchema

Planning service schema name.

Valid in: sas.sizeoptimization configuration definition
Type: SAS Viya configuration property
Default: **planning**
Component: sizeOptimization
See: [“About This Dictionary ” on page 17](#)

sizeoptimization - sasMacroLogLevel

Set the log levels to different values.

Valid in:	<code>sas.sizeoptimization</code> configuration definition
Type:	SAS Viya configuration property
Default:	0
Component:	sizeOptimization
See:	“About This Dictionary ” on page 17

Details

The range is from 0 to 1. This is used to generate the detailed SAS macro logs.

spring

The set of properties that are used to configure other Spring features.

Valid in:	spring configuration definition
Type:	SAS Viya configuration property
Default:	see details
Component:	(SYSTEM) spring
See:	“Spring Boot Properties” in SAS Viya Platform: Configuration Properties “About This Dictionary ” on page 17

Details

This is a Spring Boot property. By default, it is configured for:

- Identities service
- Planning Grid
- Planning Process
- Process Flow
- retailPricing
- sizeOptimization

spring - datasource.tomcat.maxActive

Spring Boot Property

Valid in:	spring configuration definition
Type:	SAS Viya configuration property
Default:	100
Components:	(SYSTEM) spring, planningGrid, planningProcess, processFlow, sizeOptimization
See:	“About This Dictionary ” on page 17

See Also

[Spring Boot Properties](#)

spring - datasource.tomcat.maxIdle

Spring Boot Property

Valid in:	spring configuration definition
Type:	SAS Viya configuration property
Default:	75
Components:	(SYSTEM) spring, planningGrid, planningProcess, processFlow, sizeOptimization
See:	“About This Dictionary ” on page 17

See Also

[Spring Boot Properties](#)

spring - datasource.tomcat.maxWait

Spring Boot Property

Valid in:	spring configuration definition
Type:	SAS Viya configuration property

Default:	30000
Components:	(SYSTEM) spring, planningGrid, planningProcess, processFlow, sizeOptimization
See:	“About This Dictionary ” on page 17

See Also

[Spring Boot Properties](#)

spring - profiles.active

The comma-separated list of active profiles.

Valid in:	spring configuration definition
Type:	SAS Viya configuration property
Default:	(see details)
Components:	(SYSTEM) spring, identities
Security critical category:	IDENTITY INFORMATION
See:	“About This Dictionary ” on page 17

Details

The default is: **identities-local,identities-ldap**. This is a Spring Boot property.

See Also

[Spring Boot Properties](#)

studio

The sas.studio configuration instance is applied to SAS Data and AI Studio Redirect service and Data and AI Studio service.

Valid in:	studio configuration definition
Type:	SAS Viya configuration property

Default:

Components: SASDataAIStudio, studio

See: [SAS Data and AI Studio: Administrator's Guide](#)
["About This Dictionary " on page 17](#)

Details

The `sas.studio` configuration instance applies to the following services:

- `sas-studio-app`, which is the web application.

The configuration name is *DataAIStudio*. It is displayed in SAS Environment Manager with the label of *Data and AI Studio service*.

- `sas-studio`, which is the midtier service for SAS Data and AI Studio.

The configuration name for this service is *studio* and the label that is displayed for this configuration in SASEnvironmentManager is *SAS Data and AI Studio*.

studio - abandonedSessionTimeout

When the server has not heard from the browser in the specified number of minutes, the session is timed out.

Valid in: studio configuration definition

Type: SAS Viya configuration property

Default: 5

Components: SASDataAIStudio, dataAIStudioRedirect

Security critical
category: SESSION

See: [SAS Data and AI Studio: Administrator's Guide](#)
["About This Dictionary " on page 17](#)

studio - allowCopyPasteData

Allows users to copy and paste from the table viewer.

Valid in: studio configuration definition

Type: SAS Viya configuration property

Default: **true**

Components: SASDataAIStudio, dataAIStudioRedirect

See: [SAS Data and AI Studio: Administrator's Guide](#)
["About This Dictionary " on page 17](#)

studio - allowDownload

Allows users to download data.

Valid in: studio configuration definition

Type: SAS Viya configuration property

Default: **true**

Components: SASDataAIStudio, dataAIStudioRedirect

Security critical
category: AUTHORIZATION

See: [SAS Data and AI Studio: Administrator's Guide](#)
["Security Options That Are Specific to SAS Data and AI Studio" in SAS Data and AI Studio: Administrator's Guide](#)
["About This Dictionary " on page 17](#)

Details

This property limits the ability to download code and data only within the context of SAS Studio functions. It does not prevent browsers or code from performing download tasks.

studio - allowExport

Allows administrators to restrict users from exporting data.

Valid in: studio configuration definition

Type: SAS Viya configuration property

Default: **true**

Components: SASDataAIStudio, dataAIStudioRedirect

Security critical
category: AUTHORIZATION

See: [SAS Data and AI Studio: Administrator's Guide](#)
["About This Dictionary " on page 17](#)

studio - allowGit

Allows users to use Git functionality.

Valid in:	studio configuration definition
Type:	SAS Viya configuration property
Default:	true
Components:	SASDataAISTudio, dataAISTudioRedirect
Security critical category:	AUTHORIZATION
See:	SAS Data and AI Studio: Administrator's Guide "Git Integration" in SAS Data and AI Studio: Administrator's Guide "About This Dictionary " on page 17

studio - allowGitKerberosAuthentication

Enables users to create Git Kerberos profiles.

Valid in:	studio configuration definition
Type:	SAS Viya configuration property
Default:	false
Components:	SASDataAISTudio, dataAISTudioRedirect
Security critical category:	AUTHENTICATION
See:	SAS Data and AI Studio: Administrator's Guide "Git Integration" in SAS Data and AI Studio: Administrator's Guide "About This Dictionary " on page 17

studio - allowGitPassword

Enables users to create Git profiles that require a password for HTTPS authentication.

Valid in:	studio configuration definition
Type:	SAS Viya configuration property
Default:	false
Components:	SASDataAISTudio, dataAISTudioRedirect

Security critical
category: AUTHENTICATION

See: [SAS Data and AI Studio: Administrator's Guide](#)
["Git Integration" in SAS Data and AI Studio: Administrator's Guide](#)
["About This Dictionary " on page 17](#)

studio - allowGitSSHPassword

Enables users to create Git profiles with password protected SSH authentication.

Valid in: studio configuration definition
Type: SAS Viya configuration property
Default: **false**
Components: SASDataAIStudio, dataAIStudioRedirect
Security critical
category: AUTHENTICATION

See: [SAS Data and AI Studio: Administrator's Guide](#)
["Git Integration" in SAS Data and AI Studio: Administrator's Guide](#)
["About This Dictionary " on page 17](#)

studio - allowGitSSLCertFilepath

Enables users to create Git HTTPS profiles with a specified TLS Certification.

Valid in: studio configuration definition
Type: SAS Viya configuration property
Default: **false**
Components: SASDataAIStudio, dataAIStudioRedirect
Security critical
category: AUTHENTICATION

See: [SAS Data and AI Studio: Administrator's Guide](#)
["Git Integration" in SAS Data and AI Studio: Administrator's Guide](#)
["About This Dictionary " on page 17](#)

studio - allowPrintData

Allows users to print from the table viewer.

Valid in:	studio configuration definition
Type:	SAS Viya configuration property
Default:	true
Components:	SASDataAIStudio, dataAIStudioRedirect
See:	SAS Data and AI Studio: Administrator's Guide "About This Dictionary " on page 17

studio - allowUpload

Allows users to upload data.

Valid in:	studio configuration definition
Type:	SAS Viya configuration property
Default:	true
Components:	SASDataAIStudio, dataAIStudioRedirect
Security critical category:	AUTHORIZATION
See:	SAS Data and AI Studio: Administrator's Guide "Security Options That Are Specific to SAS Data and AI Studio" in SAS Data and AI Studio: Administrator's Guide "About This Dictionary " on page 17

Details

This property limits the ability to upload code and data only within the context of SAS Studio functions. It does not prevent browsers or code from performing upload tasks.

studio - defaultTextEncoding

Specifies the encoding applied to SAS and text files.

Valid in:	studio configuration definition
Type:	SAS Viya configuration property
Default:	UTF-8
Components:	SASDataAIStudio, dataAIStudioRedirect
See:	SAS Data and AI Studio: Administrator's Guide "About This Dictionary " on page 17

studio - enableAllFeatureFlags

Allows administrators to enable all features under a feature flag.

Valid in:	studio configuration definition
Type:	SAS Viya configuration property
Default:	false
Components:	SASDataAISTudio, dataAISTudioRedirect
See:	SAS Data and AI Studio: Administrator's Guide "About This Dictionary " on page 17

studio - enableAutoCompleteLibraries

Allows administrators to control autocompletion of libraries when editing code.

Valid in:	studio configuration definition
Type:	SAS Viya configuration property
Default:	true
Components:	SASDataAISTudio, dataAISTudioRedirect
See:	SAS Data and AI Studio: Administrator's Guide "About This Dictionary " on page 17

studio - enableAutoCompleteTables

Allows administrators to control autocompletion of tables when editing code.

Valid in:	studio configuration definition
Type:	SAS Viya configuration property
Default:	true
Components:	SASDataAISTudio, dataAISTudioRedirect
See:	SAS Data and AI Studio: Administrator's Guide "About This Dictionary " on page 17

studio - fileNavigationCustomRootPath

Specifies custom path where file navigation starts.

Valid in:	studio configuration definition
Type:	SAS Viya configuration property
Default:	-
Components:	SASDataAISTudio, dataAISTudioRedirect
See:	SAS Data and AI Studio: Administrator's Guide "About This Dictionary " on page 17

studio - fileNavigationRoot

Specifies where file navigation starts.

Valid in:	studio configuration definition
Type:	SAS Viya configuration property
Default:	USER
Components:	SASDataAISTudio, dataAISTudioRedirect
See:	SAS Data and AI Studio: Administrator's Guide "About This Dictionary " on page 17

studio - flowColumnLimit

Specifies the maximum number of columns retrieved for a table node in a flow

Valid in:	studio configuration definition
Type:	SAS Viya configuration property
Default:	10,000
Components:	SASDataAISTudio, dataAISTudioRedirect
See:	SAS Data and AI Studio: Administrator's Guide "About This Dictionary " on page 17

studio - globalShortcuts

Specifies global shortcuts to display in the UI.

Valid in:	studio configuration definition
Type:	SAS Viya configuration property
Default:	-
Components:	SASDataAIStudio, dataAIStudioRedirect
See:	SAS Data and AI Studio: Administrator's Guide "About This Dictionary " on page 17

Details

The format for each shortcut is label, new line, path. Multiple global shortcuts can be specified.

studio - longPollingHoldTimeSeconds

Specifies the maximum number of seconds to wait for a message from the client.

Valid in:	studio configuration definition
Type:	SAS Viya configuration property
Default:	30
Components:	SASDataAIStudio, dataAIStudioRedirect
See:	SAS Data and AI Studio: Administrator's Guide "About This Dictionary " on page 17

studio - maxGitFileSize

Specifies the maximum size (bytes) allowed for Git files.

Valid in:	studio configuration definition
Type:	SAS Viya configuration property
Default:	30,000,000
Components:	SASDataAIStudio, dataAIStudioRedirect

See: [SAS Data and AI Studio: Administrator's Guide](#)
"About This Dictionary " on page 17

studio - maxUploadSize

Specifies the maximum size (bytes) allowed for uploading a file.

Valid in: studio configuration definition
Type: SAS Viya configuration property
Default: 104,857,600
Components: SASDataAIStudio, dataAIStudioRedirect
See: [SAS Data and AI Studio: Administrator's Guide](#)
"About This Dictionary " on page 17

studio - pwaSessionTimeout

When PWA-enabled application has not registered user activity in the specified duration, the session is timed out.

Valid in: studio configuration definition
Type: SAS Viya configuration property
Default: -
Components: SASDataAIStudio, dataAIStudioRedirect
Security critical category: SESSION
See: [SAS Data and AI Studio: Administrator's Guide](#)
"About This Dictionary " on page 17

Details

Expressed as a duration.

studio - serverDisplayName

Specifies an alternate display name for the server instead of using the host name.

Valid in: studio configuration definition

Type:	SAS Viya configuration property
Default:	-
Components:	SASDataAIStudio, dataAIStudioRedirect
See:	SAS Data and AI Studio: Administrator's Guide "About This Dictionary " on page 17

studio - showServerFiles

Allows administrators to show or hide the local file system.

Valid in:	studio configuration definition
Type:	SAS Viya configuration property
Default:	false
Components:	SASDataAIStudio, dataAIStudioRedirect
Security critical category:	AUTHORIZATION
See:	SAS Data and AI Studio: Administrator's Guide "About This Dictionary " on page 17

studio - validMemName

Specifies the rules for naming SAS data sets, SAS data views, and item stores.

Valid in:	studio configuration definition
Type:	SAS Viya configuration property
Default:	EXTEND
Components:	SASDataAIStudio, dataAIStudioRedirect
See:	SAS Data and AI Studio: Administrator's Guide "About This Dictionary " on page 17

studio - validVarName

Controls the type of SAS variable names that can be used or created during a SAS session.

Valid in:	studio configuration definition
Type:	SAS Viya configuration property
Default:	ANY

Components: SASDataAIStudio, dataAIStudioRedirect
See: [SAS Data and AI Studio: Administrator's Guide](#)
["About This Dictionary " on page 17](#)

subjectcontacts -

Configurable properties for Subject Contact service. See SAS Intelligent Decisioning documentation.

Valid in: sas.subjectcontacts configuration definition
Type: SAS Viya configuration property
Component: subjectContact
See: ["Decisions Service Properties" in SAS Intelligent Decisioning: Administrator's Guide.](#)

transfer - general.auth.enabled

Allow non-admin users to import and export.

Valid in: sas.transfer configuration definition
Type: SAS Viya configuration property
Default: **true**
Component: Transfer service
See: ["About This Dictionary " on page 17](#)

treatmentdefinitions -

Treatment Definition service properties are documented in SAS Intelligent Decisioning: Administrator's Guide.

Valid in: sas.treatmentdefinitions configuration definition
Type: SAS Viya configuration property
Component: treatmentDefinitions
See: ["Treatment Definition Service Properties" in SAS Intelligent Decisioning: Administrator's Guide](#)

visualanalytics - azureADApplicationClientID

The application client ID of the app registration that is created in the Azure Active Directory for SAS Visual Analytics integration with Microsoft services.

Valid in:	sas.visualanalytics configuration definition
Type:	SAS Viya configuration property
Default:	
Components:	SASVisualAnalytics, visualAnalyticsAdministration
See:	“About This Dictionary ” on page 17

Details

The label for this property is **Azure Active Directory Application Client ID**.

visualanalytics - azureADTenantID

The directory tenant ID of the customer organization in the Azure Active Directory, which is used for SAS Visual Analytics integration with Microsoft services.

Valid in:	sas.visualanalytics configuration definition
Type:	SAS Viya configuration property
Default:	
Components:	SASVisualAnalytics, visualAnalyticsAdministration
See:	“About This Dictionary ” on page 17

Details

The label for this property is **Azure Active Directory Tenant ID**.

visualanalytics - backgroundQueries

The extent to which background queries are used when loading reports.

Valid in:	sas.visualanalytics configuration definition
-----------	--

Type:	SAS Viya configuration property
Default:	0
Components:	SASVisualAnalytics, visualAnalyticsAdministration
See:	“About This Dictionary ” on page 17

Details

On a scale of 0 (no queries) to 5 (maximized use of queries).

The label for this property is **Backgroup Queries**.

visualanalytics - disableAutomaticOutlierDetection

Specifies that the Data pane does not calculate which data items have possible outlier values.

Valid in:	sas.visualanalytics configuration definition
Type:	SAS Viya configuration property
Default:	false
Components:	SASVisualAnalytics, visualAnalyticsAdministration
See:	“About This Dictionary ” on page 17

Details

The label for this property is **Disable Automatic outlier detection**.

visualanalytics - iframeSandbox

The value of the sandbox attribute for an IFrame element that is used by the web content and data-driven content objects.

Valid in:	sas.visualanalytics configuration definition
Type:	SAS Viya configuration property
Default:	(see details)
Components:	SASVisualAnalytics, visualAnalyticsAdministration
Security critical category:	WEB
See:	“About This Dictionary ” on page 17

Details

The default value is:

`allow-forms allow-presentation allow-same-origin allow-scripts`

The label for this property is **IFrame Sandbox Attribute Value**.

visualanalytics - relatedMeasuresLimit

The related measures query are not run for data sources that have a measure count that exceeds this limit.

Type:	SAS Viya configuration property
Default:	150
Components:	SASVisualAnalytics, visualAnalyticsAdministration

Details

The label for this property is **Related Measures Limit**.

SAS Visual Investigator

SAS Visual Investigator enables users to manage the end-to-end life cycle of an investigation.

Component:	SAS Visual Investigator
See:	SAS Visual Investigator: Administrator's Guide

Details

SAS Visual Investigator enables users to manage the end-to-end life cycle of an investigation. Areas of investigation might include alert management, search and discovery tasks, and review of various visualizations to uncover additional investigative details.

The SAS Visual Investigator solution includes the following services:

- SAS Visual Investigator
- SAS Visual Investigator Indexer
- SAS Visual Investigator Data Exporter service
- SAS Visual Investigator Data Hub service

- SAS Visual Investigator Document Generator Adapter
- SAS Visual Investigator Scenario Administration service
- SAS Visual Investigator Scorecard service
- SAS Visual Investigator Search and Discovery service
- SAS Visual Investigator Transport service

For information about these configurations, see [SAS Visual Investigator: Administrator's Guide](#).

visualanalytics.api.settings - defaultJobTimeoutSeconds

Default number of seconds before time-out on asynchronous request.

Valid in:	sas.visualanalytics.api.settings configuration definition
Type:	SAS Viya configuration property
Default:	600
Component:	visualAnalytics
See:	“About This Dictionary ” on page 17

Details

The set of configuration properties for the VA API service.

visualanalytics.api.settings - defaultSynchronousWaitSeconds

Default number of seconds to wait before redirecting back to client on an asynchronous request.

Valid in:	sas.visualanalytics.api.settings configuration definition
Type:	SAS Viya configuration property
Default:	30
Component:	visualAnalytics
See:	“About This Dictionary ” on page 17

Details

The set of configuration properties for the VA API service.

visualanalytics.api.settings - maximumJobTimeoutSeconds

Maximum number of seconds before time-out on asynchronous request.

Valid in:	sas.visualanalytics.api.settings configuration definition
Type:	SAS Viya configuration property
Default:	3600
Component:	visualAnalytics
See:	“About This Dictionary ” on page 17

Details

The set of configuration properties for the VA API service.

visualanalytics.api.settings - maximumSynchronousWaitSeconds

Maximum number of seconds to wait before redirecting back to client on a synchronous request.

Valid in:	sas.visualanalytics.api.settings configuration definition
Type:	SAS Viya configuration property
Default:	300
Component:	visualAnalytics
See:	“About This Dictionary ” on page 17

Details

The set of configuration properties for the VA API service.

visualanalytics.api.settings - minimumJobTimeoutSeconds

Minimum number of seconds before time-out on asynchronous request.

Valid in:	sas.visualanalytics.api.settings configuration definition
Type:	SAS Viya configuration property
Default:	60
Component:	visualAnalytics
See:	“About This Dictionary ” on page 17

Details

The set of configuration properties for the VA API service.

visualanalytics.api.settings - minimumSynchronousWaitSeconds

Minimum number of seconds to wait before redirecting back to client on a synchronous request.

Valid in:	sas.visualanalytics.api.settings configuration definition
Type:	SAS Viya configuration property
Default:	1
Component:	visualAnalytics
See:	“About This Dictionary ” on page 17

Details

The set of configuration properties for the VA API service.

webrenderer.properties - timeoutMillis

The number of milliseconds allowed before the rendering process times out.

Valid in:	<code>sas.webrender.properties</code> configuration definition
Type:	SAS Viya configuration property
Default:	<code>300,000</code>
Component:	<code>webRenderer</code>
See:	“About This Dictionary ” on page 17

webrender.properties - cacheDuration

The number of seconds allowed before rendered content is deleted from the cache.

Valid in:	<code>sas.webrender.properties</code> configuration definition
Type:	SAS Viya configuration property
Default:	<code>300</code>
Component:	<code>webRenderer</code>
See:	“About This Dictionary ” on page 17

webrender.properties - defaultBrowser

Override the default browser.

Valid in:	<code>sas.webrender.properties</code> configuration definition
Type:	SAS Viya configuration property
Default:	-
Component:	<code>webRenderer</code>
See:	“About This Dictionary ” on page 17

workflowhistory.eventlog - cleanup.schedule

The schedule for cleanup event log.

Valid in:	<code>sas.workflowhistory.eventlog</code> configuration definition
Type:	SAS Viya configuration property
Default:	<code>0 0 0 * * *</code>
Component:	<code>workflowHistory</code>
See:	“About This Dictionary ” on page 17

Details

Specified using Spring cron expression, '0 0 0 * * *' represents every day at midnight - 12am.

This definition is configured for the Workflow History service.

workflowhistory.eventlog - retention.days

The number of days that the event log is kept.

Valid in:	sas.workflowhistory.eventlog configuration definition
Type:	SAS Viya configuration property
Default:	30
Component:	workflowHistory
See:	“About This Dictionary ” on page 17

Details

This definition is configured for the Workflow History service.

workflow - administratorGroup

The name of the Workflow Administrator group.

Valid in:	sas.workflow configuration definition
Type:	SAS Viya configuration property
Default:	-
Components:	workflow, workflowHistory, SASWorkflowManager
See:	“About This Dictionary ” on page 17 “Configure the Default Workflow Administrator Group” in SAS Workflow Manager: Administrator’s Guide

workflow.client.sasmodelmanager - defaultServiceAccount

Account for executing service tasks.

Valid in:	<code>sas.workflow.client.sasmodelmanager</code> configuration definition
Type:	SAS Viya configuration property
Default:	-
Component:	workflow
See:	“About This Dictionary ” on page 17

workflow.engine - processDefinitionCacheLimit

Workflow process definition cache limit.

Valid in:	<code>sas.workflow.engine</code> configuration definition
Type:	SAS Viya configuration property
Default:	-
Component:	workflow
See:	“About This Dictionary ” on page 17

workflow.taskexecutor - taskExecutorCorePoolSize

Workflow task executor threads.

Valid in:	<code>sas.workflow.taskexecutor</code> configuration definition
Type:	SAS Viya configuration property
Default:	5
Component:	workflow
See:	“About This Dictionary ” on page 17

workflow.taskexecutor - taskExecutorMaxPoolSize

Workflow task executor maximum number of threads.

Valid in:	<code>sas.workflow.taskexecutor</code> configuration definition
Type:	SAS Viya configuration property
Default:	20
Component:	workflow
See:	“About This Dictionary ” on page 17

workflow.taskexecutor - taskExecutorQueueCapacity

Workflow task executor queue capacity.

Valid in: sas.workflow.taskexecutor configuration definition

Type: SAS Viya configuration property

Default: 50

Component: workflow

See: [“About This Dictionary ” on page 17](#)

