SAS® Viya™ 3.2 Administration: Using CAS Server Monitor

About CAS Server Monitor

What Is CAS Server Monitor?
CAS Server Monitor is a web application that you use to monitor your CAS Server and to perform some administration tasks.

Monitor Cheat Sheet
In addition to providing information, CAS Server Monitor supports the following tasks:

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<td>Add or remove nodes**</td>
<td>System State ⇒ Grid Nodes</td>
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<tr>
<td>Terminate your sessions</td>
<td>System State ⇒ User Sessions</td>
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* In addition, any user who has the ManageAccess permission for a global caslib can set permissions on that caslib.
** On Cloud Foundry, do not attempt to add nodes, remove nodes, or terminate a server instance from the CAS Server Monitor (or with the addNode and removeNode CAS actions). Instead, use the appropriate BOSH command.

Access the Monitor
1. Before you can access the monitor, you must have an active CAS server session.
If you already have a CAS server session, skip to Step 2. Otherwise, perform the following steps:

a. Open a web browser and sign in to SAS Studio with administrator privileges.
   Here is an example:
   
   http://mysasserver.example.com/SASStudio

b. In the Code tab, start a CAS Server session by entering the following:
   
   cas my_session;

c. Click 

   You should see output similar to the following:

   ```
   56         cas my_session;
   NOTE: The session MY_SESSION connected successfully to Cloud Analytic Services 10.120.9.159 using port 5570.
   The UUID is
   5120ebff-ca06-8c44-9f93-2dd2e557b1cb. The user is myacct and the active caslib is CASUSER(myacct).
   NOTE: The SAS option SESSREF was updated with the value MY_SESSION.
   NOTE: The SAS macro _SESSREF_ was updated with the value MY_SESSION.
   NOTE: The session is using 0 workers.
   ```

2. Open a web browser and enter the following URL in the address field:

   http://controller-machine:HTTP-port

   Here is an example:

   http://my_controller.example.com:8777

   **TIP** You can locate the CAS Server Monitor HTTP or HTTPS port by running the following code in SAS Studio:

   ```
   %put %sysfunc(getcasurl());
   ```

   **TIP** To designate administrators, select Configuration ⇒ Administrators, click Add, and select CAS (Superuser).

Usage notes:

- When the CAS Server terminates, the CAS Server Monitor also terminates.
- The session view remains displayed even if the session is terminated. A session view is displayed until you close it.
- You can also access CAS Server Monitor from SAS Studio.
- CAS Server Monitor does not use a session time-out. You must click in the top right corner of the window and select Sign Out to exit.

**Set Monitor Preferences**

To control the view that you see by default, click in the top right corner of the window and select Settings.