Software Deployment

The details of how to deploy SAS Viya depend on whether you are installing on a native Linux operating system, or onto Cloud Foundry.

- **Linux**: [SAS Viya: Deployment Guide](#)
- **Cloud Foundry**: [SAS Viya for Cloud Foundry: Deployment Guide](#)

Initial Tasks in SAS Viya Administration

Here is a recommended sequence of initial administrative tasks in a new deployment. You might find that some of these steps were completed during installation.

1. Designate administrators.
   - In a programming-only deployment, use CAS Server Monitor to assign CAS administrators (Superusers).
   - In a full or visual-only deployment, use SAS Environment Manager to assign members to SAS Administrators. SAS Administrators is a member of the Superuser role, so you do not need to explicitly designate additional CAS administrators.
     
     **Note:** Visual-only deployments are possible on Linux, but not on Cloud Foundry.

     For details and instructions, see [SAS Viya Administration: Identity Management](#).

2. In a full or visual-only (Linux) deployment, use SAS Environment Manager to assign members to other predefined custom groups as needed.

3. In a full deployment, accommodate any programmers who access CAS from both programming and visual interfaces. See [Host Access in a Full Deployment](#).

4. Secure your data in motion using TLS. See [Configure TLS](#).

5. Perform an ad hoc backup.
   - In a programming-only deployment, manually back up CAS information and configuration files.
In a full or visual-only (Linux) deployment, use the backup service. For details and instructions, see SAS Viya Administration: Backup and Recovery.


7. In a full or visual-only (Linux) deployment, make any SAS Visual Analytics 7.3 content available. See SAS Viya Administration: Promotion (Import and Export).

8. Send the following introductory information to your SAS Viya users:

   **Links for Programmers**

   - SAS Viya Quick Start
   - SAS Studio: User’s Guide
   - An Introduction to SAS Viya Programming for SAS 9 Programmers

   **Links for Visual Interface Users**

   - SAS Visual Analytics: Overview
   - SAS Visual Analytics: Working with SAS Visual Data Mining and Machine Learning

**Note:** For other solutions, refer visual interface users to the appropriate user’s guide.