



SAS[®] Viya[®] 3.3 Administration: Orientation

SAS Viya Administration: Orientation

Documentation

The documents in this collection primarily pertain to SAS Viya on native Linux operating systems. For information specific to SAS Viya on Cloud Foundry see [Cloud Foundry: Operations](#).

This documentation supports administration of the SAS Viya 3.3 components of the SAS platform and the following products:

- SAS Visual Analytics 8.2
- SAS Visual Statistics 8.2
- SAS Visual Data Mining and Machine Learning 8.2

Other products supplement this documentation with their own product-specific administrative information, as needed.

To search this collection of documents, click . For search tips, click , and select **Help Tips**.

Note: If you see only **Orientation** in the left navigation pane, [access the entire collection](#) before you search.

Note: As a convenience, this collection includes the deployment guides for SAS Viya: [SAS Viya for Linux: Deployment Guide](#) and [SAS Viya for Cloud Foundry: Deployment Guide](#). See also the [SAS Viya Deployment Guides](#) page on the SAS support site.

Deployment Types

Some SAS Viya administrative tasks and tools vary by deployment type. Here is a brief description of each type:

Deployment Type	Description
Full	Includes all of the software to which you are entitled. This is the default type of deployment.

Deployment Type	Description
Programming-only	Excludes SAS Home, most graphical user interfaces, and most services. This is the simplest and smallest type of deployment. Note: If SAS Home is available (at your equivalent of http://host/SASHome), you do not have a programming-only deployment.

For details, see [“Diagrams by Deployment Type” in SAS Viya: Overview](#).

Note: The programming-only deployment type is a convenience for sites that choose to install and use only a subset of the software. The programming-only deployment type does not correspond to a limitation in software licensing or entitlement.

Administrative Tools

Here are the main administrative tools:

Tool	Deployment Type	
	Full	Programming-Only
SAS Environment Manager	✓	
Command-Line Interface	✓	
CAS Server Monitor	✓	✓

Routine Ongoing Tasks

Here is a summary of routine administrative tasks:

Task	Deployment Type:		<i>Multi-tenant</i> Scope:	
	Full	Programming-Only	Provider-Level*	Intra-tenant**
View logs	✓	✓	✓	
Monitor services	✓	✓	✓	
Start and stop CAS	✓	✓	✓	
Update your software***	✓	✓	✓	
Renew your license	✓	✓	✓	
Create backups	✓	✓	✓	✓
Add caslibs	✓	✓		✓
Manage access to data	✓	✓		✓
Manage access to content	✓			✓

Task	Deployment Type:		Multi-tenant Scope:	
	Full	Programming-Only	Provider-Level*	Intra-tenant**
<i>Manage access to functionality</i>	✓			✓
<i>Promote content</i>	✓			✓
<i>Assign users to custom groups</i>	✓			✓
<i>Manage mobile devices</i>	✓			✓
<i>Schedule jobs</i>	✓			✓
<i>Start and stop microservices</i>	✓	Not applicable†	✓	
<i>Manage tenants</i>			✓	

* These are the most common tasks that the provider in a *multi-tenant* deployment performs.

** An administrator within a tenant can perform these tasks for that tenant.

*** See your deployment guide (for example, *SAS Viya for Linux: Deployment Guide*).

† SAS Viya microservices are not installed on programming-only deployment types. However, you must still restart CAS and SAS Object Spawner.

See Also

- [SAS Viya Administration: Initial Tasks](#)

