



SAS[®] Viya[®] 3.4 Administration: Orientation

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SAS Viya Administration: Orientation

Documentation

This documentation supports administration of the SAS Viya 3.4 components of the SAS platform and the following products:

- SAS Visual Analytics 8.3
- SAS Visual Statistics 8.3
- SAS Visual Data Mining and Machine Learning 8.3

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

Note: If this document is titled **SAS Viya 3.4 Administration: Orientation**, [access the entire collection](#) before you search.

Note: This document does not include the deployment guides for SAS Viya: [SAS Viya for Linux: Deployment Guide](#) and [SAS Viya for Windows: 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.
Programming-only	Excludes SAS Drive, most graphical user interfaces, and most services. This is the simplest and smallest type of deployment. Note: If SAS Drive is available (at your equivalent of <code>http://host/SASDrive</code>), 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 relies on a subset of SAS Viya components to provide programmatic access to SAS Cloud Analytic Services for high-performance analytical processing of in-memory data. Convenient for sites that choose to install and use a minimal 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	✓	✓		✓

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

* 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](#)

