

SAS® Viya® Administration Operations

Course Description

This hands-on workshop provides a look at the high-impact tasks and responsibilities of administering SAS Viya on Kubernetes. The focus is on traditional administrative tasks that are impacted by running on Kubernetes.

Learn how to

- Configure and initialize a freshly installed deployment.
- Modify, add, and remove CAS servers.
- Monitor and maintain storage capacity.
- Adjust programming run-time performance.
- Apply updates to an existing deployment. Troubleshoot problems

Course Prerequisites

Before taking this workshop, you should have completed

- SAS Viya Administration Fast Track.
- SAS Viya Overview.
- Overview of SAS Viya Deployment.

Who Should Attend?

SAS Administrators

Course Outline

Kubernetes for Administrators

- Administering SAS Viya on Kubernetes.
- Common work patterns.
- Kustomize basics.

Initial Configuration

- Identities configuration.
- Shared storage configuration.
- Operating system permissions.
- Automating administration tasks.

Backup and Restore

- Identities configuration.
- Shared storage configuration.
- Operating system permissions.
- Automating administration tasks.

Programming Run-time

- Configure reusable compute contexts.
- Open source configuration

Workload Management

- Workload management administration.
- Queue configuration.

CAS Server Management

- CAS on Kubernetes.
- Adding a CAS server.
- CAS server life cycle.
- CAS server configuration.
- Changing topology.
- Configuring external access.
- Removing a CAS server.

Deployment Management

- Applying patch updates.
- Updating SAS software.
- Updating licenses.
- Updating certificates.
- Storage management.

Tuning and Performance

- Tuning and performance guidance.
- Configure compute CPU and memory.

Alerting

- Alerting.

Troubleshooting Issues

- Troubleshooting issues.

Course Duration

1 day

SAS Products Covered

SAS Viya

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