SAS Platform Administration: Fast Track

Duration: 4 Days

This intensive training course provides accelerated learning for those students who will administer the platform for SAS Business Analytics. This course is for individuals who are comfortable with learning large amounts of information in a short period of time. The *SAS Platform Administration: Metadata Administration* and *SAS Platform Administration: System Administration* courses are available to provide the same type of information in a more detailed approach over a longer period of time.

Learn how to

- administer the SAS environment
- identify and report about the state of the SAS environment
- back up the SAS environment
- monitor and log SAS servers
- administer client applications
- administer users
- administer data access
- recognize and establish various security techniques
- secure data and other shared content
- troubleshoot metadata security
- move and promote metadata
- administer SAS middle tier
- monitor the SAS middle tier with SAS Environment Manager.

Who should attend
SAS Platform Administrators

Prerequisites
Before attending this course, it is useful but not required to have experience with the Platform for SAS Business Analytics. You can gain this experience by attending the *Getting Started with the Platform for SAS Business Analytics* course.

Course Materials
Registered students will be able to download the course materials from the Web prior to the class. These materials may include a .pdf copy of the course notes, a .pdf copy of the course workbook, and exercise files.

Software Addressed
SAS Analytics Platform, SAS Management Console

Course Contents

Reviewing the Platform for SAS Business Analytics

- exploring the platform for SAS Business Analytics overview
- exploring the platform architecture
- reviewing platform administration tasks
- exploring SAS Environment Manager

Understanding SAS Metadata and the Metadata Server

- exploring the SAS metadata server and metadata repositories
- exploring SAS metadata objects
- implementing a SAS metadata server cluster
- backing up the SAS metadata server
- backing up the SAS environment

Understanding Initial Authentication and Administering Users, Groups, and Roles

- exploring initial authentication to the Metadata Server
- administering users and groups
- exploring other authentication mechanisms and managing credentials
- administering roles and administrative identities
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Securing Metadata

- reviewing metadata security
- exploring metadata permissions and ACTs
- customizing SAS folders
- exploring ACTs

Establishing Connectivity to Data Sources

- registering libraries and tables in metadata
- setting up data access

Monitoring the SAS Environment with SAS Environment Manager

- operating SAS servers and spawners
- monitoring a SAS Environment with SAS Environment Manager
- exploring SAS Environment Manager service architecture

Managing SAS Compute Servers and Spawners

- understanding SAS compute servers

- administering server logging

Exploring SAS Middle Tier

- reviewing SAS middle-tier architecture
- monitoring SAS middle-tier servers
- high availability, authentication, and secure communication

Exploring Ongoing Administration Tasks

- updating SAS software
- finding resources for SAS administrators