Exam Content Guide

SAS Certified Deployment and Implementation Specialist for SAS Grid Manager 9.4

Grid Architecture Definition

Review the architecture and design to interpret its impact on deployment.

Planning

Interpret the SAS Architecture hardware and software based on documented diagrams to validate the desired installation architecture.

Interpret plan file for deployment.

Describe and validate the preinstall requirements.

Interpret and validate information from the SAS Software Order E-mail.

Software Deployment

Set up proper load-balancing for SAS server processes for grid.

Launch, execute, and interpret the SAS Deployment Tools in order to install and configure the licensed SAS software including High Availability environment.

Define grid resources for multiple SAS Application Servers in SAS metadata.

Successfully deploy Platform Suite for SAS on any supported operating system.

Interpret and modify LSF and SAS configuration settings and options to provide an optimized and tailored environment based on requirements.

Perform a deployment with shared binaries or shared configuration folders.

Grid Client Enablement

Configure interactive clients to work on the Grid and validate that the observed behavior is as expected.

Configure batch clients to work on the Grid and validate that the observed behavior is as expected.

System Management

Monitor and manage the grid.

Understand SAS metadata related to Grid.

Evaluate status of grid services.

Add and remove nodes from a grid cluster.

Configure LSF attributes.

Understand OS differences that impact LSF (lspassword) especially from a user management point of view.

Update licenses for SAS Grid Manager and Platform suite.

High Availability

Demonstrate working knowledge of PSS failover.

Create, manage, and test High Availability services.

Troubleshooting

Identify and interpret log files for troubleshooting problems.

Fix errors.

Validate that the grid is properly configured and deployed.