Course Code: H006G

Course Title: IBM Spectrum Scale Advanced Administration for Linux

Description:

The course includes information on the Spectrum Scale installer toolkit, installer GUI, cluster upgrade scenarios, cluster health monitoring, cluster performance data collection and monitoring, management GUI, file system encryption, cluster security, and call home features. Many of the features are described in lecture materials and implemented in lab exercises.

Objectives:

After completing this course, you should be able to:• Use advanced installer tools to install Spectrum Scale• Upgrade a cluster to a newer level of Spectrum Scale• Monitor cluster health• Configure cluster performance data collection• Monitor cluster performance• Configure cluster security options• Encrypt file system data• Configure the Spectrum Scale call home feature

Prerequisites:

You should have taken:

- IBM Spectrum Scale Basic Administration for Linux *(H005G)*

Duration:

24 Hrs

Topics:

Migrating to IBM Spectrum Scale 5.0

Spectrum Scale 5.0 GUI

Multi-cluster

Clustered NFS

Cluster Export Services for multi-protocol support

SMB Protocol Support

NFS Support in CES; Ganesha overview/performance

Active File Management

AFM-Based Disaster Recovery (DR) and Asynchronous DR

Planning LTFS and GPFS environment for data archiving

File Placement Optimizer

IBM GPFS-FPO and integration with GPFS Hadoop connector

IBM Spectrum Scale Call Home

Monitoring and performance tuning

Flash Cache metadata migration

Audience:

This lecture and exercise-based course is for individuals who want to expand their knowledge of Spectrum Scale advanced installation and management capabilities.