Course Code: H005G

Course Title: IBM Spectrum Scale Basic Administration for Linux and AIX

Description:

This course is intended for IT professionals tasked with administering an IBM Spectrum Scale storage cluster in environments running Linux and AIX nodes. The course includes information on installing, configuring, and monitoring an IBM Spectrum Scale cluster. Many Spectrum Scale features are described in lecture materials and then implemented in lab exercises. These features include: Storage management, high availability options, cluster management, and information lifecycle management (ILM) tools.

Note: Although the lab environment is running the Linux operating system, the differences in Spectrum Scale compared with an AIX environment are minor. Therefore, the skills acquired during the course can be applied in both Linux and AIX environments.

Objectives:

After completing this course, you should be able to:

• Summarize the key features of IBM Spectrum Scale• Describe IBM ESS and Spectrum Scale RAID• Install IBM Spectrum Scale and configure a cluster• Manage a cluster• Implement information lifecycle management (ILM)• Configure IBM Spectrum Scale high availability features• Back up critical cluster data

Prerequisites:

The student is expected to have a good understanding of UNIX/Linux, SAN, and Storage concepts.

Duration:

24 Hrs

Topics:

Day 1

- Welcome and course overview
- Unit 1 - IBM Spectrum Scale overview
- Exercise 1 - Cluster node preparation
- Unit 2 - Installation and cluster configuration

Day 2

- Exercise 2 - Installation and cluster configuration
- Unit 3 - Cluster management
- Exercise 3 - Cluster management and configuration

Day 3

- Unit 4 - Information Lifecycle Management (ILM)
- Exercise 4 - Storage pools, filesets, and policies
- Unit 5 - High availability and cluster data backups
- Exercise 5 - Replication and snapshots
- Course wrap-up and evaluation

Audience:

This lecture and exercise-based course is for individuals who want to understand how to install, configure, and manage an IBM Spectrum Scale storage cluster.