

IBM Spectrum Scale Basic Administration for Linux and AIX

Course code: H005G

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.

Who is the course for

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.

What we teach you

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

Required skills

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

Course outline

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

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