

IBM Storage 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 Storage Scale storage cluster.

What we teach you

After completing this course, you should be able to:

- Summarize the key features of IBM Storage Scale
- Describe IBM ESS and Storage Scale RAID
- Install IBM Storage Scale and configure a cluster
- Manage a cluster
- Implement information lifecycle management (ILM)
- Configure IBM Storage 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.

Teaching materials

IBM guide book for this course.

Course outline

Day 1:

- (00:30) Welcome and course overview
- (01:15) Unit 1: IBM Storage Scale overview
- (01:00) Exercise 1: Cluster node preparation
- (01:30) Unit 2: Installation and cluster configuration

Day 2:

- (01:30) Exercise 2: Installation and cluster configuration
- (02:45) Unit 3: Cluster management
- (01:15) Exercise 3: Cluster management and configuration

Day 3:

- (01:00) Unit 4: Information Lifecycle Management (ILM)
- (01:00) Exercise 4: Storage pools, filesets, and policies
- (00:45) Unit 5: High availability and cluster data backups
- (01:00) Exercise 5: Replication and snapshots
- (00:30) Course wrap-up and evaluation