IBM Spectrum Scale Advanced Administration for Linux

Course code: H006G

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.

Who is the course for

This lecture and exercise-based course is for individuals who want to expand their knowledge of Spectrum Scale

advanced installation and management capabilities.

What we teach you

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

Required skills

You should have taken:

IBM Spectrum Scale Basic Administration for Linux (H005G)

Course outline
- 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

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