Enterprise Computing Solutions - Education Services

TRAINING OFFERING

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IBM Spectrum Scale - Remote Data Access

CODE:	LENGTH:	PRICE:
H008G	24 Hours (3 days)	£1,950.00

Description

Enterprises and organizations are creating, analyzing and keeping more data than ever before. An organizations underlying storage must support new-era big data and artificial intelligence workloads along with traditional applications while ensuring security, reliability and high performance. IBM Spectrum Scale meets these challenges as a high-performance solution for managing data at scale. This new course covers IBM Spectrum Scale features that enable data-anywhere access that spans storage and locations to accelerate applications across the data center or around the world. Attendees should already know the basics of installing, configuring and managing a Spectrum Scale clustered file system and how to use the installer toolkit.
This course is intended for IT professionals tasked with administering a Spectrum Scale storage cluster consisting of Linux nodes. The course includes information on various Spectrum Scale features that enable remote access to the data that is stored in a cluster file system. This includes: multi-cluster support, clustered NFS, cluster export services (CES) and protocol support (NFS, SMB, Object, and block), Active File Management (AFM), and AFM-based Asynchronous Disaster Recovery (AFM DR). The features are described in lecture materials and implemented in lab exercises.

Objectives

Configure a cluster to allow remote file system accessMount a Spectrum Scale file system from a remote clusterImplement Active File Management (AFM)Summarize AFM cache modesDescribe AFM DRDifferentiate AFM and AFM DRImplement AFM DRDescribe and implement Clustered NFS (CNFS)Describe the Cluster Export Services (CES) architectureImplement CES protocols (NFS, SMB, Object, and block)Differentiate CNFS and CES NFS

Audience

This lecture and exercise-based course is for individuals who want to configure a Spectrum Scale cluster to allow remote data access.

Prerequisites

Students must already know the basics of installing, configuring and managing a Spectrum Scale clustered file system. This prerequisite can be met by attending the following courses:
H005G - IBM Spectrum Scale Basic Administration for Linux and AIX
H006G - IBM Spectrum Scale Advanced Administration for Linux

Programme

- Welcome and course introduction
- Unit 1: Spectrum Scale multi-cluster support
- Exercise 1: Configuring multi-cluster file system access
- Unit 2: Active File Management (AFM)
- Exercise 2: Configuring Active File Management (AFM)
- Unit 3: AFM-based Asynchronous Disaster Recovery (AFM DR)

Session Dates

On request. Please Contact Us

Additional Information

This training is also available as onsite training. Please contact us to find out more.