



Enterprise Computing Solutions - Education Services

## TRAINING OFFERING

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# IBM Spectrum Scale - Remote Data Access

| <b>CODE:</b> | <b>LENGTH:</b>    | <b>PRICE:</b> |
|--------------|-------------------|---------------|
| H008G        | 24 Hours (3 days) | kr24,285.00   |

## Description

Enterprises and organizations are creating, analyzing and keeping more data than ever before. An organization's 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 access
- Mount a Spectrum Scale file system from a remote cluster
- Implement Active File Management (AFM)
- Summarize AFM cache modes
- Describe AFM DR
- Differentiate AFM and AFM DR
- Implement AFM DR
- Describe and implement Clustered NFS (CNFS)
- Describe the Cluster Export Services (CES) architecture
- Implement 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

| Date        | Location                  | Time Zone | Language | Type                  | Guaranteed | PRICE                                  |
|-------------|---------------------------|-----------|----------|-----------------------|------------|--|
| 10 Jul 2023 | Virtual Classroom (GMT+1) | CEDT      | English  | Instructor Led Online |            | <del>kr24,285.00</del><br>kr218,565.00 |
| 25 Sep 2023 | Virtual Classroom (GMT+1) | CEDT      | English  | Instructor Led Online |            | <del>kr24,285.00</del><br>kr218,565.00 |

## Ytterligare information

[Denna utbildning finns också som utbildning på plats. Kontakta oss för mer information.](#)