Enterprise Computing Solutions - Education Services

TRAINING OFFERING

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Isilon Administration and Management

CODE:	LENGTH:	PRICE:
EMC_ISIAM	40 Hours (5 days)	kr43,500.00

Description

This course provides you with a foundation in Isilon storage cluster administration. Highlighted are topics related to network configuration, physical and logical layout, access and authentication, integration with various applications, system monitoring and troubleshooting. This training consists of 7 modules. The total time required to complete this course is approximately 5 days.

Objectives

Upon successful completion of this course, participants will be able to:

- Understand the overall Isilon cluster architecture
- Explain the cluster layout and different types of access
- Navigate the details of file access
- Demonstrate an understanding of storage management
- Execute application integration
- Utilize the tools to perform cluster monitoring
- Identify the situations, symptoms, and resolutions to troubleshooting a cluster

Audience

This course is intended for customers.

Prerequisites

To understand the content and successfully complete this course, a student must have a suitable knowledgebase/skill set.
The student must have an understanding of:

- The Isilon scale-out storage platform
- A working knowledge of the Isilon cluster core feature set (SmartConnect, SMB, NFS, iSCSI, security, SmartQuotas, InsightIQ, SnapShotIQ, SyncIQ, and SmartPools)
- Installation process of an Isilon Cluster.
- Students must have completed the following EMC courses:
  - - Isilon Fundamentals (e-learning)
  - - Isilon Installation and Initial Configuration (e-learning)
  - - EMC Information Storage and Maintenance (V-ILT)

Programme

The content of this course is designed to support the course objectives.**The following focus areas are included in this course:**

- **Isilon cluster**
  - - Isilon cluster architecture
  - - Interfaces to the cluster
  - - Data protection
  - - Networking the cluster
  - - File access control

- **Cluster layout and access**

- - Data layout and protection
  - - Caching
  - - Data integrity, metadata, and disk pools
  - - Network configuration
  - - Environmental integration
  - - Management access

- **File access**
  - - Access
  - - Permissions and access zones
  - - Identity management overview
  - - Combined permissions
  - - Advanced cross platform permissions
  - - Alternative platform access

- **Storage management**
  - - Cluster arrangement
  - - File pools
  - - SmartQuotas
  - - SnapShotIQ
  - - SyncIQ
  - - NDMP
  - - SmartLock

- **Application integration**
  - - Isilon VMware support
  - - VAAI and VASA
  - - Database and anti-virus

- **Monitoring**
  - - Installing InsightIQ
  - - Using Insight!Q
  - - SNMP monitoring
  - - SupportIQ

- **Troubleshooting**
  - - File access
  - - Cluster setup
  - - Performance

In addition to lecture and demonstrations, this course includes labs designed to allow practical experience for the participant.

Session Dates

Ved forespørsel. Vennligst kontakt oss

Tilleggsinformasjon

Denne treningen er også tilgjengelig som trening på stedet. Kontakt oss for å finne ut mer.