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## EMC Isilon Administration and Management

**Varighed: 5 Days    Kursus Kode: ISIAM**

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### Beskrivelse:

The course prepares students to perform Isilon cluster administration. Topics include the configuration of basic and advanced SmartConnect, SMB and NFS client access; HTTP configurations; data protection/replication in single and multi-cluster implementations, archive deployment, snapshots and replication, SNMP integration, data protection and caching, analytics and monitoring, auditing and the job engine. This training consists of 8 modules. The total time required to complete this course is approximately 5 days.

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### Agenda:

- **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
  - Configure cluster features
  - Utilize the tools to perform cluster monitoring
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### Forudsætninger:

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:

Networking fundamentals such as TCP/IP, DNS and routing

- An introduction to storage such as NAS/SAN differences and basic storage
  - principles and features
  - Installation process of an Isilon cluster.
  - Students should have completed the following EMC courses:
  - Isilon Fundamentals (e-learning)
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## Indhold:

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

- Introduction to Isilon clusters o Isilon cluster architecture

- Hardware nodes and disk types
- OneFS operating system
- Management access
- Auditing Data protection and layout
- Protection and overhead
- Sub pools, data layout, and actual protection
- Caching

- Networking

- External interface connections
- DNS and multi-tenancy
- Connectivity to cluster and SmartConnect

- Directory service integration
- Hadoop and HDFS
- Object storage in OneFS

- Access management

- Access control

- Directory service integration
- Hadoop and HDFS
- Object storage in OneFS

- Directory service integration
- Hadoop and HDFS
- Object storage in OneFS

- User authentication and file access

- Identity management
- Access utilizing multiple protocols
- SMB and NFS shares

- Storage administration

- SmartQuotas
- SnapShotIQ
- SyncIQ
- Deduplication

- Directory service integration
- Hadoop and HDFS
- Object storage in OneFS

- Job Engine

- Job engine architecture
- Built-in jobs
- Jobs and job management

- Monitoring

- Installing InsightIQ
- Using InsightIQ and FSA
- ESRS

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## Flere Informationer:

For yderligere informationer eller booking af kursus, kontakt os på tlf.nr.: 44 88 18 00

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