Enterprise Computing Solutions - Education Services

TRAINING OFFERING

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ONTAP AFX Administration

CODE:	LENGTH:	PRICE:
NEP_OT-AFX	8 Hours (1 day)	€1,020.00

Description

Learn how to deploy a NetApp® AFX cluster with ONTAP® 9.17. Rapidly prepare your AFX cluster to serve data to NAS client hosts. Optimize the performance of your NAS workloads by implementing the latest technologies. Use the clustershell and NetApp ONTAP System Manager to manage cluster storage and network resources. Discover how to configure basic data protection and data efficiency functions and perform common cluster maintenance tasks.

Objectives

This course focuses on enabling you to do the following:

• Define AFX cluster components
• Understand the role of a storage VM in the NetApp storage architecture
• Configure an AFX cluster
• Configure and manage both networking and storage resources
• Create and configure a storage VM
• Create, manage, and protect NetApp FlexVol® and FlexGroup volumes

Audience

Systems administrator and technical support engineer

Prerequisites

• Fundamental knowledge of storage systems
• AFX Fundamentals
• ONTAP Cluster Fundamentals

Programme

This course includes the following modules, lessons, and exercises:

Module 1: AFX clusters

Lessons

• AFX cluster
• ONTAP hybrid multicloud
• AFX cluster components
• Storage VMs
• Administration interfaces

Exercises

Exploring ONTAP management UIs

Module 2: AFX network management

Lessons

• AFX network review
• Network ports
• Network traffic segregation
• Logical network interfaces
• Nondisruptive LIF configuration

Exercises

• Managing physical and logical network resources
• Managing virtual network resources

Module 3: AFX storage management

Lessons

• Physical storage layer
• Logical storage layer
• FlexGroup volumes
• FlexCache volumes

Exercises

• Configuring a storage VM
• Managing data volumes

Module 4: NAS data access

Lessons

• Use NAS protocols to access data
• Use the NFS protocol to access data
• Use the SMB protocol to access data
• Use the S3 protocol to access data
• Maximizing I/O throughput

Exercises

• Configuring the NFS protocol in a storage VM
• Maximizing NAS I/O

Module 5: Data management

Lessons

• Administrator access control
• Manage Snapshot copies
• Storage efficiency
• Back up and replicate data

Exercises

• Managing ONTAP administrators
• Managing Snapshot copies

Session Dates

On request. Please Contact Us

Additional Information

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