Enterprise Computing Solutions - Education Services

TRAINING OFFERING

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ONTAP NFS Administration

CODE:	LENGTH:	PRICE:
NEP_OT-NFS-A	8 Hours (1 day)	€1,000.00

Description

Explore and understand the core NFS protocol features and functionality in NetApp® ONTAP ® environments. Learn to use ONTAP management interfaces, configure and set up NFS, and understand NFS access workflows. Perform administration tasks for NFSv3 and NFSv4, enable multiprotocol data access, and use tools to monitor and manage NFS operations. Hands-on exercises are included to reinforce key concepts and practical skills.

Objectives

This course focuses on enabling you to do the following:

• Describe the core features and functionality of the NFS protocol
• Identify and use the interfaces for managing ONTAP software
• Set up and configure NFS in the ONTAP environment
• Illustrate the workflow to access NFS files and folders
• Administer and manage both NFSv3 and NFSv4 protocols
• Configure ONTAP software to enable multiprotocol data access
• Monitor and manage NFS operations

Audience

Role

Systems administrator, storage administrator, and enterprise architect

Prerequisites

• ONTAP Cluster Fundamentals
• ONTAP Cluster Administration
• ONTAP NAS Fundamentals
• Working knowledge of UNIX and Linux operating systems of NFS

Programme

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

Module 1: Getting started

Lessons
• Introduction to NFS
• NFS access flow
• Authentication and authorization
• Basic storage VM configuration
• Interfaces for managing ONTAP based systems
Exercises
Configuring a storage VM

Module 2: Log in to Linux client

Lessons
• UNIX user concepts
• User authentication mechanisms
Exercises
Logging in to Linux client

Module 3: Mount NFS volume

Lessons
• NFS service and networking
• Volumes, qtrees, and namespaces
• Export policies, DNS, and NIS
Exercises
• Configuring networking and NFS service
• Creating volumes and junction paths
• Creating export policies and rules for volumes

Module 4: Access files and folders

Lessons
UNIX user authorization concepts
Exercises
Applying permissions and accessing files

Module 5: Advanced NFS configuration

Lessons
• Managing NFSv4 configuration
• Centralized name services
• File locking
• AUTH_SYS extended groups
• NFSv4 ACLs
Exercises
Managing NFSv4

Module 6: Multiprotocol configuration

Lessons
• Multiprotocol configuration
• Name mapping
Exercises
Configuring a storage VM for multiprotocol access

Appendix: Monitoring and managing NFS

Lessons
• Monitor NFS active clients
• Collecting NFS statistics and data
Exercises
Monitoring NFS performance

Session Dates

Date	Location	Time Zone	Language	Type	Guaranteed	PRICE
25 Jan 2027	Virtual Classroom (CET / UTC+1)	CET	English	Instructor Led Online		€1,000.00
19 Apr 2027	Virtual Classroom (CET / UTC+1)	CEDT	English	Instructor Led Online		€1,000.00
05 Jul 2027	Virtual Classroom (CET / UTC+1)	CEDT	English	Instructor Led Online		€1,000.00
25 Oct 2027	Virtual Classroom (CET / UTC+1)	CEDT	English	Instructor Led Online		€1,000.00

Additional Information

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