



Enterprise Computing Solutions - Education Services

## OFERTA FORMATIVA

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### Detalles de contacto

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# ONTAP NFS Administration

<b>CÓDIGO:</b>	<b>DURACIÓN:</b>	<b>Precio:</b>
NEP_OT-NFS-A9.6	8 Hours (1 dia)	€950.00

## 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.

## Objetivos

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

## Público

Systems administrator, storage administrator, and enterprise architect

## Requisitos Previos

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

## Programa

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

## **Fechas Programadas**

A petición. Gracias por [contactarnos](#).

## **Información Adicional**

Esta formación también está disponible en modalidad presencial. Por favor contáctenos para más información.