



Enterprise Computing Solutions - Education Services

## OFERTA FORMATIVA

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# ONTAP SAN Implementation

<b>CÓDIGO:</b>	<b>DURACIÓN:</b>	<b>Precio:</b>
NEP_OT-SANI	24 Hours (3 días)	€2,850.00

## Description

Learn how to install NetApp® ONTAP® 9 data management software for a SAN environment. Explore block-level protocols on Microsoft Windows Server and Linux host operating systems, including FC, FCoE, NVMe, and iSCSI. Apply your knowledge through hands-on guided exercises in a lab environment and through an exercise workbook that serves as an on-the-job reference guide.

## Objetivos

- Discuss SAN fundamentals for ONTAP software
- Explain ONTAP SAN resource provisioning
- Describe iSCSI, FC, and FCoE configuration in ONTAP software
- Explain the NVMe over Fabrics (NVMe-oF) implementation in ONTAP software
- Discuss host configuration requirements
- Explain Windows and Linux configuration for iSCSI
- Describe Windows and Linux configuration for FC

## Público

- Administrators
- Engineers
- Architects

## Requisitos Previos

- Certification as a NetApp Data Management Administrator
- Working knowledge of ONTAP 9 software and storage area networking
- ONTAP Cluster Fundamentals via NetApp Learning Centre
- ONTAP SAN Fundamentals via NetApp Learning Centre
- ONTAP Cluster Administration via NetApp Learning Centre

## Programa

- Classroom logistics
- Course prerequisites

### Module 0: Introduction • Course agenda

- Implementing iSCSI, FCP, FCoE, and NVMe-oF SAN in ONTAP software
- SAN architecture
- Interoperability Matrix Tool
- SAN scalability and maximums
- IP SAN configurations
- FC SAN configurations
- LUN provisioning

### Module 1: ONTAP SAN fundamentals

- FC configuration recommendations
- FC and FCoE zoning
- Cisco switches

### Module 3: ONTAP iSCSI configuration concepts

- Brocade switches

### Module 2: ONTAP SAN resource provisioning

- iSCSI configuration recommendations
- iSCSI feature overview

### Module 4: ONTAP FC configuration concepts

- iSCSI configuration workflow

### Module 4: ONTAP FC configuration concepts

### Module 5: NVMe-oF configuration

- NVMe
- NVMe-oF
- NVMe integration into ONTAP software
- Host considerations
- Windows hosts
- Linux and UNIX hosts
- LUN offset
- Configuring a Windows host for iSCSI
- Module 6: Host integration**
- Module 7: Microsoft Windows IP SAN connectivity**
- iSCSI configuration
  - Linux iSCSI configuration
- Module 8: Linux IP SAN connectivity**
- Linux iSCSI implementation
- Module 9: Windows FC SAN connectivity**
- Configuring a Windows host for FC
- Identifying the WWNN and WWPN on a Windows host
- Implementing and verifying multipath FC connectivity between a Windows host and ONTAP software
- Module 10: Linux FC SAN connectivity**
- Configuring a Linux host for FC
- Identifying WWNPs on a Linux host
- Implementing and verifying multipath FC connectivity between a Linux host and ONTAP software

## **Fechas Programadas**

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

## **Información Adicional**

[Esta formación también está disponible en modalidad presencial. Por favor contáctenos para más información.](#)