



Enterprise Computing Solutions - Education Services

TRAINING OFFERING

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ONTAP SAN Administration

| CODE: | LENGTH: | PRICE: |
|-------------|-------------------|-----------|
| NEP_OT-SANA | 16 Hours (2 days) | €2,040.00 |

Description

Explore block-level protocols, including FC, FCoE, iSCSI, NVMe over FCoE (NVMe/FC), and NVMe over TCP (NVMe/TCP), on Microsoft Windows Server, Linux, and VMware ESXi host operating systems. Examine how to administer, configure, and manage NetApp® ONTAP® data management software for a SAN environment. This course focuses on ONTAP 9 functionality and includes lectures and hands-on exercises.

Objectives

This course focuses on enabling you to do the following:

- Illustrate SAN configuration and LUN provisioning
- Explain ONTAP block protocol features and recommendations
- Demonstrate volume and LUN space efficiency configurations in a SAN environment
- Discover ONTAP availability strategies and data protection for LUNs
- Outline SAN performance considerations
- Perform SAN-specific manageability configurations
- Describe Foreign LUN Import and explore use cases

Audience

Administrator, engineer, and architect

Prerequisites

- Working knowledge of ONTAP 9 software and SAN
- *ONTAP Cluster Fundamentals*
- *ONTAP SAN Fundamentals*
- *ONTAP Cluster Administration*

Programme

This course includes the following modules, lessons, and exercises: Module 1: NetApp ONTAP SAN fundamentals review
• Introduction to SAN • SAN scalability and maximums Exercises:

- Configuring initial settings

Module 2: NetApp ONTAP SAN resource provisioning • Volume and LUN provisioning

- Additional ONTAP CLI considerations

Module 3: NetApp ONTAP storage VM administration

- Storage VM creation workflow
- LUN creation
- NVMe namespaces and subsystems
- iSCSI, FC, NVMe/FC, and NVMe/TCP recommended guidelines
- iSCSI security and networking

Exercises:

- Creating LUNs

- Managing iSCSI configurations
- Managing FC configurations
- Managing NVMe/TCP configurations

Module 4: SAN availability and data protection • High availability and host multipathing • Data protection in SAN environments

Exercises:

- Examining multipathing

Module 5: Management of NetApp ONTAP SAN environments • LUN mobility • Volume and LUN reconfiguration

- SAN performance recommendations

Exercises:

- Managing an ONTAP SAN environment

Appendix: SAN migration with Foreign LUN Import

Session Dates

| Date | Location | Time Zone | Language | Type | Guaranteed | PRICE |
|-------------|-------------------------------|-----------|----------|-----------------------|------------|-----------|
| 19 Jun 2025 | Virtual Classroom (GMT / UTC) | | English | Instructor Led Online | Yes | €2,040.00 |
| 15 Sep 2025 | Virtual Classroom (GMT / UTC) | | English | Instructor Led Online | | €2,040.00 |
| 15 Dec 2025 | Virtual Classroom (GMT / UTC) | | English | Instructor Led Online | | €2,040.00 |

Additional Information

This training is also available as onsite training. [Please contact us to find out more.](#)