Enterprise Computing Solutions - Education Services

TRAINING OFFERING

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NetApp   ONTAP SAN Administration

CODE:	LENGTH:	PRICE:
NEP_OT-SANA	16 Hours (2 days)	€1,900.00

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
18 Dec 2025	Virtual Classroom (GMT / UTC)	GMT	English	Instructor Led Online		€1,900.00
26 Jan 2026	Virtual Classroom (GMT / UTC)	GMT	English	Instructor Led Online		€1,900.00
05 May 2026	Virtual Classroom (GMT / UTC)	BST	English	Instructor Led Online		€1,900.00
01 Sep 2026	Virtual Classroom (GMT / UTC)	BST	English	Instructor Led Online		€1,900.00
02 Nov 2026	Virtual Classroom (GMT / UTC)	GMT	English	Instructor Led Online		€1,900.00

Additional Information

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