



Enterprise Computing Solutions - Education Services

## TRAINING OFFERING

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**You can reach us at:**

Arrow ECS B.V., Kromme Schaft 5, 3991 AR Houten, The Netherlands

Email: [education.ecs.nl@arrow.com](mailto:education.ecs.nl@arrow.com)

Phone: +31 20 582 6109



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

Exercises: • Creating LUNs

**Module 3: NetApp ONTAP storage VM administration**

**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
12 Dec 2024	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.](#)