



**Arrow ECS Finland Oy - Education Services**

## **TRAINING OFFERING**

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**You can reach us at:**

Arrow ECS Finland Oy, Lars Sonckin kaari 16, 02600 Espoo, Finland

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

Phone: 0870 251 1000



# ONTAP SAN Implementation

**CODE:**

NEP\_OT-SANI

**LENGTH:**

24 Hours (3 days)

**PRICE:**

€3,060.00

## 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.

## Objectives

- 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

## Audience

- Administrators
- Engineers
- Architects

## Prerequisites

- 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

## Programme

**Module 0: Introduction**

- Classroom logistics
- Course prerequisites
- Course agenda

**Module 1: ONTAP SAN fundamentals**

- Implementing iSCSI, FCP, FCoE, and NVMe-oF SAN in ONTAP software
- SAN architecture
- Interoperability Matrix Tool
- SAN scalability and maximums

**Module 2: ONTAP SAN resource provisioning**

- IP SAN configurations
- FC SAN configurations
- LUN provisioning

**Module 3: ONTAP iSCSI configuration concepts**

- iSCSI configuration recommendations

- iSCSI feature overview
- iSCSI configuration workflow

#### **Module 4: ONTAP FC configuration concepts**

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

#### **Module 5: NVMe-oF configuration**

- NVMe
- NVMe-oF
- NVMe integration into ONTAP software

#### **Module 6: Host integration**

- Host considerations
- Windows hosts
- Linux and UNIX hosts
- LUN offset

#### **Module 7: Microsoft Windows IP SAN connectivity**

- Configuring a Windows host for iSCSI
- iSCSI configuration

#### **Module 8: Linux IP SAN connectivity**

- Linux iSCSI configuration
- 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 WWNNs on a Linux host
- Implementing and verifying multipath FC connectivity between a Linux host and ONTAP software

## **Session Dates**

Date	Location	Time Zone	Language	Type	Guaranteed	PRICE
05 May 2026	Virtual Classroom (GMT / UTC)		English	Instructor Led Online		€3,060.00
01 Sep 2026	Virtual Classroom (GMT / UTC)		English	Instructor Led Online		€3,060.00
04 Nov 2026	Virtual Classroom (GMT / UTC)		English	Instructor Led Online		€3,060.00

## **Additional Information**

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