∧∧⊓∿

TRAINING OFFERING

You can reach us at:

Arrow Enterprise Computing Solutions Ltd, Part 1st Floor, Suite 1D/1, Central House, Otley Road, Harrogate, HG3 1UG

Email: education.ecs.baltic@arrow.com
Phone: 0870 251 1000

ONTAP SAN Implementation

CODE:	LENGTH:	PRICE:
NEP_OT-SANI	24 Hours (3 days)	€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

• Classroom logistics
• Course prerequisites
Module 0: Introduction • 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   • iSCSI configuration recommendations
• FC SAN configurations   • iSCSI feature overview
• LUN provisioning   **Module 3:ONTAP iSCSI configuration concepts** • iSCSI configuration workflow
• FC configuration recommendations
• FC and FCoE zoning
• Cisco switches
Module 4: ONTAP FC configuration concepts • 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

• Configuring a Windows host for iSCSI

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 Wndows 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

Session Dates

Date	Location	Time Zone	Language	Type	Guaranteed	PRICE
13 Oct 2025	Virtual Classroom (GMT / UTC)		English	Instructor Led Online		€3,060.00
15 Dec 2025	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.