



**Enterprise Computing Solutions - Education Services**

## **TRAINING OFFERING**

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# ONTAP SAN Administration

CODE:	LENGTH:	PRICE:
NEP_OT-SANA	16 Hours (2 days)	£1,735.00

## 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	English	Instructor Led Online		£1,735.00
18 Dec 2025	Arrow ECS Harrogate	GMT	English	Instructor Led Online		£1,735.00
26 Jan 2026	Virtual Classroom	GMT	English	Instructor Led Online		£1,735.00
05 May 2026	Virtual Classroom	BST	English	Instructor Led Online		£1,735.00
01 Sep 2026	Virtual Classroom	BST	English	Instructor Led Online		£1,735.00
02 Nov 2026	Virtual Classroom	GMT	English	Instructor Led Online		£1,735.00

**Additional Information**

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