



**Enterprise Computing Solutions - Education Services**

## **TRAINING OFFERING**

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**You can reach us at:**

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

Email: [educationteam.ecs.uk@arrow.com](mailto:educationteam.ecs.uk@arrow.com)

Phone: 0870 251 1000



# 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
10 Apr 2025	Virtual Classroom	BST	English	Instructor Led Online	Yes	£1,735.00
06 May 2025	Virtual Classroom	BST	English	Instructor Led Online		£1,735.00
06 May 2025	Arrow ECS Harrogate	BST	English	Instructor Led Online		£1,735.00
19 Jun 2025	Virtual Classroom	BST	English	Instructor Led Online	Yes	£1,735.00
19 Jun 2025	Arrow ECS Harrogate	BST	English	Instructor Led Online		£1,735.00
15 Sep 2025	Virtual Classroom	BST	English	Instructor Led Online		£1,735.00
15 Sep 2025	Arrow ECS Harrogate	BST	English	Instructor Led Online		£1,735.00
15 Dec 2025	Virtual Classroom	GMT	English	Instructor Led Online		£1,735.00
15 Dec 2025	Arrow ECS Harrogate	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.