

ONTAP SAN Foundations



Delivery: Instructor-led training (ILT)

Duration: 1 day

Course Description

Learn how to administer, configure, and manage a NetApp® ONTAP® cluster by using the CLI and UIs such as NetApp ONTAP System Manager. Explore REST API automation for your cluster. Configure, manage, and protect block storage by using iSCSI, FC, and NVMe protocols for symmetric and asymmetric environments.

Role

Administrator

Prerequisites

None

Objectives

This course focuses on enabling you to do the following:

- Identify the components of an ONTAP cluster and its features
- Examine how to manage storage provisioning and data protection
- Describe how to administratively manage an ONTAP cluster
- List ONTAP network components
- Explain storage VMs (storage virtual machines, also known as SVMs)
- Learn how SAN works in asymmetric and symmetric environments
- Configure SAN workloads in an ONTAP cluster
- Manage and protect block workloads by using ONTAP features
- Discover how to continue your ONTAP educational journey

Course Content

This course includes the following modules, lessons, and exercises:

Module	Lessons	Exercises
Module 1: SAN introduction	<ul style="list-style-type: none">• ONTAP and SAN• Storage protocols• SAN architecture• SAN paths	
Module 2: SAN access	<ul style="list-style-type: none">• Initiator setup• Target configuration	Configuring SAN access
Module 3: SAN management	<ul style="list-style-type: none">• SAN mobility• SAN resize• SAN data protection• SAN performance monitoring	Managing block workloads
Module 4: Next steps	<ul style="list-style-type: none">• Documentation• Learning paths	
Appendix 1: NVMe details	Advantages of the NVMe protocols over the SCSI protocols	

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