



ONTAP SAN Fundamentals

Delivery: Web-based training (WBT)

Duration: 1 hour

Course Description

Learn how NetApp® ONTAP® software supports modern SAN environments. Explore the architecture and functionality of supported SAN protocols, including iSCSI, FC, and NVMe. Discover storage provisioning methods and learn about multipathing protocols and policies.

Role

Administrator and operator

Prerequisites

- *Introduction to ONTAP*
- *ONTAP Cluster Fundamentals*
- *Introduction to SAN*
- A basic knowledge of SAN

Objectives

This course focuses on enabling you to do the following:

- Recognize how ONTAP software provides block access to a host
- Explore multipathing between the host and a cluster
- Identify storage provisioning methods for ONTAP SAN
- Discover how SAN protocols transfer data between a host and a storage system

Course Content

This course includes the following modules and lessons:

Modules	Lessons
Module 1: ONTAP SAN introduction	<ul style="list-style-type: none">• ONTAP data management software• NetApp SAN storage portfolio• Benefits of ONTAP for SAN• ONTAP SAN protocols
Module 2: SAN basics	<ul style="list-style-type: none">• SAN concepts and terminology• FC SAN architecture and configurations• IP SAN architecture and configurations• SAN multipathing• ONTAP logical network interfaces
Module 3: SAN storage provisioning	<ul style="list-style-type: none">• ONTAP SAN storage• Storage access control
Module 4: FC SAN	<ul style="list-style-type: none">• FC and NVMe/FC SAN nodes and ports• FC and NVMe/FC SAN conventions• FC zoning• FC LUN access• NVMe/FC namespace access
Module 5: IP SAN	<ul style="list-style-type: none">• iSCSI concepts and terminology• iSCSI LUN access• NVMe/TCP introduction• NVMe/TCP frame structure and architecture• NVMe/TCP namespace access

Course ID: STRSW-WBT-SANFUND-REV01
28 February 2025