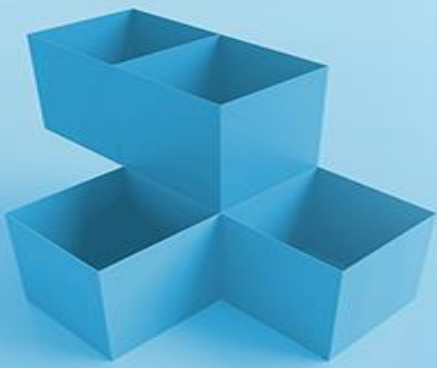


ONTAP SMB Administration



Delivery: Instructor-led training

Duration: 2 days

Course Description

This course extends the SMB information that is discussed in the *ONTAP Cluster Administration* course. Learn how to configure the SMB client for NetApp® ONTAP® 9.9.1 software. Also learn about advanced ONTAP 9 features that support the SMB protocol. The exercises in this course use ONTAP 9.9.1 software.

Audience

Systems administrators, enterprise architects

Prerequisites

- *ONTAP Cluster Administration*
- *ONTAP NAS Fundamentals*
- Familiarity with Microsoft Windows Server 2012
- Familiarity with Microsoft Active Directory

Objectives

This course focuses on enabling you to do the following:

- Explain the CIFS and SMB protocols
- List the interfaces that you use to manage NetApp ONTAP software
- Configure SMB features in ONTAP 9 software
- Create and manage SMB shares and sessions
- Configure ONTAP software for multiprotocol data access
- Comprehend advanced SMB topics, such as Group Policy, automatic home shares, symbolic links (symlinks), and wide links

Course Content

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

Module 0: Welcome	None	Checking the equipment setup
Module 1: SMB overview	<ul style="list-style-type: none">• SMB basics• Interfaces for managing ONTAP based systems	Exploring the ONTAP System Manager UI
Module 2: SMB setup	<ul style="list-style-type: none">• SMB implementation• Addendum: Create a FlexGroup volume	Creating storage VMs and configuring SMB access
Module 3: SMB shares and sessions	<ul style="list-style-type: none">• Share configuration• Continuously available shares• Client share access• Session management	Configuring SMB share properties and managing sessions
Module 4: Access control	<ul style="list-style-type: none">• Permissions• Local authorization• Additional access-control features• Multiprotocol NAS in ONTAP software• Addendum: Dynamic Access Control	Configuring access controls
Module 5: Advanced topics	<ul style="list-style-type: none">• Home shares• Group Policy Objects• Symlinks and wide links• Addendum: Auditing• Addendum: Opportunistic locks• Addendum: BranchCache• Addendum: FlexCache volumes	Configuring home directories and symbolic links

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