



ONTAP SMB Administration (CIF SAD)

ID CIF SAD Price 1,800.— €(excl. tax) Duration 2 days

Course Overview

Configure NetApp® ONTAP® software for file access by using the SMB protocol and configure multiprotocol NAS access to seamlessly manage datasets by using the NFS and SMB protocols. Explore SMB shares and sessions. Create dynamic home directories and implement auditing of SMB file access.

Who should attend

Administrator, architect, and operator

Prerequisites

- [ONTAP Cluster Administration \(ONTAP9ADM\)](#)
- ONTAP NAS Fundamentals
- Familiarity with Microsoft Windows Server 2012
- Familiarity with Microsoft Active Directory

Course Objectives

This course focuses on enabling you to do the following:

- Explore the SMB protocol
- List the interfaces that you use to manage ONTAP software
- Configure ONTAP for file access by using the SMB protocol
- Manage data access control through permissions and authorizations
- Configure multiprotocol NAS access
- Configure home directories automatically
- Implement auditing of SMB file access events by using ONTAP functionality

Detailed Course Outline

[h4Module 1: Introduction to SMB[/h4]

- SMB basics
- Interfaces for managing ONTAP based storage systems

Module 2: SMB Setup

- Setting up and implementing SMB

Module 3: SMB shares

- Share configuration
- Working with share properties
- Client share access

Module 4: Manage SMB sessions

- Session management and authentication
- Session signing and encryption

Module 5: Access control

- Authentication
- Authorization and permissions
- Addendum: Dynamic access control
- Addendum: Local users and groups

Module 6: Multiprotocol NAS in ONTAP software

- Setting up multiprotocol access

Module 7: Advanced topics

- Home shares
- Group Policy Objects
- Symlinks and widelinks
- FPolicy
- Vscan for SMB data protection
- ONTAP SMB auditing

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Germany

**Fast Lane Institute for Knowledge
Transfer GmbH**
Tel. +49 40 25334610
info@flane.de / www.flane.de

Austria

ITLS GmbH
(Partner of Fast Lane)
Tel. +43 1 6000 8800
info@itls.at / www.itls.at

Switzerland

**Fast Lane Institute for Knowledge
Transfer (Switzerland) AG**
Tel. +41 44 8325080
info@flane.ch / www.flane.ch