TRAINING OFFERING

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ONTAP SAN Implementation

NetApp

CODE:	LENGTH:	PRICE:
NEP_OT-SANI	24 Hours (3 days)	kr35,600.00

Description

Learn how to install NetApp® ONTAP® 9 data management software for a SAN environment. Explore block-level protocols on Microsoft Windows Server and Linux host operating systems, including FC, FCoE, NVMe, and iSCSI. Apply your knowledge through hands-on guided exercises in a lab environment and through an exercise workbook that serves as an on-the-job reference guide.

Objectives

• Discuss SAN fundamentals for ONTAP software
• Explain ONTAP SAN resource provisioning
• Describe iSCSI, FC, and FCoE configuration in ONTAP software
• Explain the NVMe over Fabrics (NVMe-oF) implementation in ONTAP software
• Discuss host configuration requirements
• Explain Windows and Linux configuration for iSCSI
• Describe Windows and Linux configuration for FC

Audience

- Administrators
- Engineers
- Architects

Prerequisites

• Certification as a NetApp Data Management Administrator
• Working knowledge of ONTAP 9 software and storage area networking
• ONTAP Cluster Fundamentals via NetApp Learning Centre
• ONTAP SAN Fundamentals via NetApp Learning Centre
• ONTAP Cluster Administration via NetApp Learning Centre

Programme

• Classroom logistics
• Course prerequisites
Module 0: Introduction • Course agenda   **Module 1: ONTAP SAN fundamentals**
• Implementing iSCSI, FCP, FCoE, and NVMe-oF SAN in ONTAP software
• SAN architecture
• Interoperability Matrix Tool
• SAN scalability and maximums   **Module 2: ONTAP SAN resource provisioning**
• IP SAN configurations   • iSCSI configuration recommendations
• FC SAN configurations   • iSCSI feature overview
• LUN provisioning   **Module 3:ONTAP iSCSI configuration concepts** • iSCSI configuration workflow
• FC configuration recommendations
• FC and FCoE zoning
• Cisco switches
Module 4: ONTAP FC configuration concepts • Brocade switches   **Module 5: NVMe-oF configuration**

• NVMe
• NVMe-oF
• NVMe integration into ONTAP software **Module 6:Host integration**

• Host considerations
• Windows hosts
• Linux and UNIX hosts
• LUN offset
• Configuring a Windows host for iSCSI

Module 7: Microsoft Windows IP SAN connectivity • iSCSI configuration

• Linux iSCSI configuration

Module 8: Linux IP SAN connectivity • Linux iSCSI implementation **Module 9: Windows FC SAN connectivity**

• Configuring a Windows host for FC
• Identifying the WWNN and WWPN on a Windows host
• Implementing and verifying multipath FC connectivity between a Wndows host and ONTAP software

Module 10:Linux FC SAN connectivity

• Configuring a Linux host for FC
• Identifying WWNPs on a Linux host
• Implementing and verifying multipath FC connectivity between a Linux host and ONTAP software

Session Dates

Date	Location	Time Zone	Language	Type	Guaranteed	PRICE
09 Sep 2024	Virtual Classroom (Timezone Stockholm)	CEDT	English	Instructor Led Online		kr35,600.00
09 Dec 2024	Virtual Classroom (Timezone Stockholm)	CET	English	Instructor Led Online		kr35,600.00

Ytterligare information

Denna utbildning finns också som utbildning på plats. Kontakta oss för mer information.