ONTAP SAN Administration

Category: Infrastructure & IT Operations | **Vendor:** NetApp

Duration: 16.00 hours (2 days) **13.0 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format: Instructor Led - Online

Course Overview

Explore block-level protocols, including FC, FCoE, iSCSI, NVMe over FCoE (NVMe/FC), and NVMe over TCP (NVMe/TCP), on Microsoft Windows Server, Linux, and VMware ESXi host operating systems. Examine how to administer, configure, and manage NetApp® ONTAP® data management software for a SAN environment. This course focuses on ONTAP 9 functionality and includes lectures and hands-on exercises.

About This Course

Explore block-level protocols, including FC, FCoE, iSCSI, NVMe over FCoE (NVMe/FC), and NVMe over TCP (NVMe/TCP), on Microsoft Windows Server, Linux, and VMware ESXi host operating systems. Examine how to administer, configure, and manage NetApp® ONTAP® data management software for a SAN environment. This course focuses on ONTAP 9 functionality and includes lectures and hands-on exercises.

Who Should Attend

SAN storage administrators

Prerequisites & Entry Requirements

General Prerequisites:

- Working knowledge of ONTAP 9 software and SAN
- ONTAP Cluster Fundamentals
- ONTAP SAN Fundamentals
- ONTAP Cluster Administration ONTAP Cluster Administration (ONTAP9ADM)

Learning Outcomes

Upon successful completion of this course, participants will be able to:

This course focuses on enabling you to do the following:

- Illustrate SAN configuration and LUN provisioning
- Explain ONTAP block protocol features and recommendations
- Demonstrate volume and LUN space efficiency configurations in a SAN environment
- Discover ONTAP availability strategies and data protection for LUNs
- Outline SAN performance considerations
- Perform SAN-specific manageability configurations
- Describe Foreign LUN Import and explore use cases
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Detailed Course Outline

Module 1: NetApp ONTAP SAN fundamentals review\t

- Introduction to SAN
- SAN scalability and maximums

Module 2: NetApp ONTAP SAN resource provisioning\t

- Volume and LUN provisioning
- Additional ONTAP CLI considerations

Module 3: NetApp ONTAP storage VM administration\t

- Storage VM creation workflow

- LUN creation

- NVMe namespaces and subsystems

- iSCSI, FC, NVMe/FC, and NVMe/TCP recommended guidelines

- iSCSI security and networking

Module 4: SAN availability and data protection\t

- High availability and host multipathing

- Data protection in SAN environments

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Module 5: Management of NetApp ONTAP SAN environments\t

- LUN mobility

- Volume and LUN reconfiguration

- SAN performance recommendations

Skills You Will Learn:

This course focuses on enabling you to do the following:

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- Explain ONTAP block protocol features and recommendations
- Demonstrate volume and LUN space efficiency configurations in a SAN environment
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Frequently Asked Questions

Q: What delivery options are available for ONTAP SAN Administration?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: How many CPD hours does this course provide?

The 2-day ONTAP SAN Administration course provides up to 13.0 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the ONTAP SAN Administration training?

The training takes place over 2 day(s), with each day lasting approximately 16.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for ONTAP SAN Administration?

Yes, we provide corporate training, dedicated training, and closed classes for ONTAP SAN Administration. Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: What related terms do people search for?

Popular related searches include: ONTAP SAN Administration, NetApp SAN, SANADM

Q: Why choose Nexus Human for ONTAP SAN Administration?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your ONTAP SAN Administration training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

Nexus Human

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