ONTAP Security and Compliance Solutions 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

Learn how to administer NetApp ONTAP® 9 data-management software integrated security and compliance features. Learn how to create a secure IT environment according to Zero Trust principals such as ‘least privilege access’ and ‘encrypt everything’.

This course comprehensively describes the administration, configuration, and management of the integrated data security and compliance features in ONTAP 9, including data retention using SnapLock software and data integrity with autonomous ransomware protection.

About This Course

In this course, you learn how to administer NetApp® ONTAP® 9 data management software-integrated security and compliance features. You learn how to create a secure IT environment according to Zero Trust principals such as “least privilege access” and “encrypt everything.” You also administer, configure, and manage the integrated data security and compliance features in ONTAP 9, which include data retention with SnapLock software and data integrity with autonomous ransomware protection.

Who Should Attend

Customers, partners, and/or employees.

Prerequisites & Entry Requirements

General Prerequisites:

ONTAP Security and Compliance Solutions Administration is intended for data protection administrators of any experience level.

- ONTAP Cluster Administration (ONTAP9ADM) And ONTAP Data Protection Administration (DATAPROT9)

Or,

- ONTAP Cluster Administration and Data Protection Bundle (CDOTDP9)

Learning Outcomes

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

This course focuses on enabling you to do the following:

- Secure an ONTAP based storage system according to Zero Trust principles
- Apply least privilege access control to ONTAP administrators and users
- Secure data in flight
- Secure data at rest
- Enforce compliance with data privacy and retention regulations
- Secure access to data by NAS protocols
- Protect data from corruption by ransomware or malware

Detailed Course Outline

Module 1: Compliance Solutions

- Data Compliance
- Challenges
- High availability
- Backup and archive
- Disaster recovery
- Compliance
- Cloud integration
- Data compliance types
- Data retention
- Data encryption
- Data protection solutions
- Compliance features

Module 2: ONTAP Data Retention

- SnapLock compliance software
- SnapLock Compliance
- SnapLock Enterprise
- SnapLock architecture
- Compliance clock
- Clock architecture
- SnapLock compliance volume
- SnapLock enterprise volume
- File types
- Regular
- WORM
- WORM appendable
- SnapLock settings verification
- Protecting SnapLock volumes
- Snapshot copies
- Replication
- SnapVault
- Advanced SnapLock features
- Privileged delete feature
- Audit log
- Compliance administrator account
- SnapLock APIs

Module 3: ONTAP Key Management

- Key management
- Centralized key management
- Compliance with mandates
- Investment protection
- OKM
- External Key Server (KMIP)
- Setup wizard

Module 4: ONTAP Data Encryption

- Storage encryption solutions
- ONTAP 9.1
- NetApp storage encryption (NSE)
- NetApp volume encryption (NVE)
- NetApp SANtricity full disk encryption (FDE)
- FIPS security levels
- Volume encryption demonstration
- License
- OKM setup
- OKM backup
- Node keys
- Create encrypted volume
- SVM key
- Volume key
- Encrypt existing volume
- Decrypt volume
- Move encrypted volume
- Re-key encrypted volume
- Delete

LABS:

- Configure SnapLock for file retention
- Create aggregates that are compatible with SnapLock software
- Create SnapLock volumes
- Create SnapLock volume shares
- Manage a SnapLock enterprise volume
- Manage a SnapLock compliance volume

- Create a cluster peer relationship
- Create an SVM on cluster2
- Create an SVM peer relationship
- Create a SnapLock for SnapVault protection relationship
- Manage source and destination volumes
- Manage a SnapLock for SnapVault relationship
- Create an audit log
- Create a compliance administrator account
- Enable the privileged delete feature
- Delete WORM files by using the privileged delete feature
- Configure the onboard key manager
- Display the key management backup information
- Verify the creation of encryption keys for each node

Skills You Will Learn:

This course focuses on enabling you to do the following:

- Secure an ONTAP based storage system according to Zero Trust principles
- Apply least privilege access control to ONTAP administrators and users
- Secure data in flight
- Secure data at rest
- Enforce compliance with data privacy and retention regulations
- Secure access to data by NAS protocols
- Protect data from corruption by ransomware or malware

Frequently Asked Questions

Q: What delivery options are available for ONTAP Security and Compliance Solutions 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 Security and Compliance Solutions 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 Security and Compliance Solutions 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 Security and Compliance Solutions Administration?

Yes, we provide corporate training, dedicated training, and closed classes for ONTAP Security and Compliance Solutions 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 Security and Compliance Solutions Administration, NetApp Data Protection Software, OCSA

Q: Why choose Nexus Human for ONTAP Security and Compliance Solutions 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 Security and Compliance Solutions Administration training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

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