

ONTAP Security and Compliance Solutions Administration

Duration: 2 Days Course Code: NEP_OCSA

Overview:

English - Please note this course is only available in English.

Nederlands - Let op: deze training is alleen in het Engels beschikbaar.

Français - Veuillez noter que ce cours est uniquement disponible en anglais.

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.

Target Audience:

NetApp Customers, Partners and Employees

Objectives:

- 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
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Prerequisites:

The 3 day ONTAP Cluster Administration class is required

Content:

Module 1: Security concepts	<ul style="list-style-type: none">• NVMe security	<ul style="list-style-type: none">• NFS permissions
<ul style="list-style-type: none">• Security threats	Segregating network traffic ; Securing data in flight	<ul style="list-style-type: none">• Securing in-flight SMB data
<ul style="list-style-type: none">• Security standards and regulations	Module 4: NetApp ONTAP storage security	<ul style="list-style-type: none">• SMB user authentication
<ul style="list-style-type: none">• Security defenses	<ul style="list-style-type: none">• Encrypting data at rest	<ul style="list-style-type: none">• SMB user authorization
<ul style="list-style-type: none">• Zero Trust	<ul style="list-style-type: none">• NSE	<ul style="list-style-type: none">• Active Directory features
Using the Active IQ Unified Manager security dashboard	<ul style="list-style-type: none">• NVE	<ul style="list-style-type: none">• Storage-Level Access Guard
Module 2: NetApp ONTAP management security	<ul style="list-style-type: none">• Key management	<ul style="list-style-type: none">• User name-mapping
<ul style="list-style-type: none">• ONTAP authentication	Encrypting a volume ; deleting data securely	<ul style="list-style-type: none">• Auditing and logging
<ul style="list-style-type: none">• Role-based access control	Module 5: NetApp ONTAP data retention	Managing access to NAS shares ; configuring Storage-Level Access Guard
<ul style="list-style-type: none">• Multifactor authentication	<ul style="list-style-type: none">• SnapLock compliance software	Module 7: Protecting NAS data integrity
Applying least privilege access control and Configuring MAV	<ul style="list-style-type: none">• Managing SnapLock volumes	<ul style="list-style-type: none">• NAS data integrity
Module 3: NetApp ONTAP network security	<ul style="list-style-type: none">• Protecting SnapLock volumes	<ul style="list-style-type: none">• Malware and antivirus protection
<ul style="list-style-type: none">• NAS network security	<ul style="list-style-type: none">• Advanced SnapLock features	<ul style="list-style-type: none">• FPolicy
<ul style="list-style-type: none">• Securing data in flight	Configuring SnapLock compliance software for file retention ; using the privileged delete feature	<ul style="list-style-type: none">• ONTAP anti-ransomware
<ul style="list-style-type: none">• LIFs	Module 6: NetApp ONTAP NAS security	<ul style="list-style-type: none">• Cloud Secure
<ul style="list-style-type: none">• SAN security	<ul style="list-style-type: none">• NFS user authentication	Blocking the storage of unwanted data, creating frequent recovery points, enabling anti-ransomware protection and recovering from a ransomware attack
<ul style="list-style-type: none">• iSCSI security	<ul style="list-style-type: none">• NFS user authorization	

Further Information:

For More information, or to book your course, please call us on 0800/84.009

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