

## ONTAP Security and Compliance Solutions Administration

Cursusduur: 2 Dagen    Cursuscode: NEP\_OCSA

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### Beschrijving:

**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.

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### Doelgroep:

NetApp Customers, Partners and Employees

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### Doelstelling:

- 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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### Vereiste kennis en vaardigheden:

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## Cursusinhoud:

### Module 1: Security concepts

- Security threats
- Security standards and regulations
- Security defenses
- Zero Trust

Using the Active IQ Unified Manager security dashboard

### Module 2: NetApp ONTAP management security

- ONTAP authentication
- Role-based access control
- Multifactor authentication

Applying least privilege access control and Configuring MAV

### Module 3: NetApp ONTAP network security

- NAS network security
- Securing data in flight
- LIFs
- SAN security
- iSCSI security

- NVMe security

Segregating network traffic ; Securing data in flight

### Module 4: NetApp ONTAP storage security

- Encrypting data at rest
- NSE
- NVE

- Key management

Encrypting a volume ; deleting data securely

### Module 5: NetApp ONTAP data retention

- SnapLock compliance software
- Managing SnapLock volumes
- Protecting SnapLock volumes
- Advanced SnapLock features

Configuring SnapLock compliance software for file retention ; using the privileged delete feature

### Module 6: NetApp ONTAP NAS security

- NFS user authentication
- NFS user authorization

- NFS permissions
- Securing in-flight SMB data

- SMB user authentication
- SMB user authorization
- Active Directory features
- Storage-Level Access Guard

- User name-mapping

- Auditing and logging

Managing access to NAS shares ; configuring Storage-Level Access Guard

### Module 7: Protecting NAS data integrity

- NAS data integrity
- Malware and antivirus protection
- FPolicy
- ONTAP anti-ransomware
- Cloud Secure

Blocking the storage of unwanted data, creating frequent recovery points, enabling anti-ransomware protection and recovering from a ransomware attack

## Nadere informatie:

Neem voor nadere informatie of boekingen contact op met onze Customer Service Desk 030 - 60 89 444

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