

## ONTAP Advanced Networking

Cursusduur: 2 Dagen    Cursuscode: NEP\_OT-AN

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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.**

Learn how to configure and manage networking in NetApp® ONTAP® clusters. The ONTAP Advanced Networking course is a comprehensive, hands-on training program designed for technical professionals who need to understand, configure, and manage networking in ONTAP environments. Whether you are new to ONTAP or looking to deepen your expertise, this course provides a structured and layered approach to mastering ONTAP networking—from foundational concepts to advanced configuration and troubleshooting.

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### Doelgroep:

Administrator Architect Operator

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### Doelstelling:

- • Describe the ONTAP networking architecture
  - • Identify and configure ONTAP network components
  - • Implement and manage ONTAP network services
  - • Secure ONTAP network traffic
  - • Optimize network performance and reliability
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### Vereiste kennis en vaardigheden:

3 day ONTAP Cluster Administration (ILT) class

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## Cursusinhoud:

### Module 1: ONTAP Networking

#### Lessons

- ONTAP networks
- Networking hardware components
- Networking software components
- Network configuration workflow
- Network protocol model layers

#### Exercises

#### Identifying ONTAP network components

### Module 2: Physical Network Layer

#### Lessons

#### ONTAP physical network components

#### Exercises

#### Managing physical network ports

### Module 3: Data Link Layer

#### Lessons

- The Ethernet protocol
- Troubleshooting the network access layer
- Network packet trace and analysis
- Neighbor discovery

#### Exercises

#### Managing local network traffic

### Module 4: Network Layer

#### Lessons

- Network layer
- ONTAP logical network interfaces (LIF)
- Hostname resolution
- LIF traffic load balancing

#### Exercises

- Managing logical network interfaces
- Balancing network resource use

### Module 5: Transport and Session Layers

#### Lessons

- Transport layer
- Session layer
- LIF failover

#### Exercises

#### Managing network connections

### Module 6: ONTAP Routing

#### Lessons

- Manage routing in an SVM

- Virtual LIFs

#### Exercises

#### Directing network traffic

### Module 7: Network Security

#### Lessons

- Securing network connections
- LIF firewall

#### Exercises

#### Securing data in flight

### Module 8: ONTAP Network Management

#### Lessons

- Network troubleshooting
- Troubleshooting packet loss
- Monitoring ONTAP systems with SNMP
- Network performance

#### Exercises

#### Monitoring ONTAP using SNMP

## Nadere informatie:

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

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[www.globalknowledge.com/nl-nl/](http://www.globalknowledge.com/nl-nl/)

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