

ONTAP Advanced Networking

Duration: 2 Days Course Code: NEP_OT-AN

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.

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.

Target Audience:

Administrator Architect Operator

Objectives:

- • 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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Prerequisites:

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Content:

Module 1: ONTAP Networking	Exercises	• Manage routing in an SVM
Lessons	Managing local network traffic	• Virtual LIFs
• ONTAP networks	Module 4: Network Layer	Exercises
• Networking hardware components	Lessons	Directing network traffic
• Networking software components	• Network layer	Module 7: Network Security
• Network configuration workflow	• ONTAP logical network interfaces (LIF)	Lessons
• Network protocol model layers	• Hostname resolution	• Securing network connections
Exercises	• LIF traffic load balancing	• LIF firewall
Identifying ONTAP network components	Exercises	Exercises
Module 2: Physical Network Layer	• Managing logical network interfaces	Securing data in flight
Lessons	• Balancing network resource use	Module 8: ONTAP Network Management
ONTAP physical network components	Module 5: Transport and Session Layers	Lessons
Exercises	Lessons	• Network troubleshooting
Managing physical network ports	• Transport layer	• Troubleshooting packet loss
Module 3: Data Link Layer	• Session layer	• Monitoring ONTAP systems with SNMP
Lessons	• LIF failover	• Network performance
• The Ethernet protocol	Exercises	Exercises
• Troubleshooting the network access layer	Managing network connections	Monitoring ONTAP using SNMP
• Network packet trace and analysis	Module 6: ONTAP Routing	
• Neighbor discovery	Lessons	

Further Information:

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

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