Enterprise Computing Solutions - Education Services

TRAINING OFFERING

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ONTAP Advanced Networking

CODE:	LENGTH:	PRICE:
NEP_OT-AN	16 Hours (2 days)	€2,000.00

Description

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.

Objectives

This course focuses on enabling you to do the following:

• 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

Audience

- Administrator
- Architect
- Operator

Prerequisites

ONTAP Cluster Administration (ILT)

Programme

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

Session Dates

Date	Location	Time Zone	Language	Type	Guaranteed	PRICE
15 Mar 2027	Virtual Classroom (CET / UTC +1)	CET	English	Instructor Led Online		€2,000.00
21 Jun 2027	Virtual Classroom (CET / UTC +1)	CEDT	English	Instructor Led Online		€2,000.00
20 Sep 2027	Virtual Classroom (CET / UTC +1)	CEDT	English	Instructor Led Online		€2,000.00
06 Dec 2027	Virtual Classroom (CET / UTC +1)	CET	English	Instructor Led Online		€2,000.00

Additional Information

This training is also available as onsite training. Please contact us to find out more.