



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
05 May 2026	Virtual Classroom (GMT / UTC)	BST	English	Instructor Led Online		€2,000.00
01 Sep 2026	Virtual Classroom (GMT / UTC)	BST	English	Instructor Led Online		€2,000.00
04 Nov 2026	Virtual Classroom (GMT / UTC)	GMT	English	Instructor Led Online		€2,000.00

### Additional Information

This training is also available as onsite training. [Please contact us to find out more.](#)