



Enterprise Computing Solutions - Education Services

## TRAINING OFFERING

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# ONTAP Cluster Fundamentals

| CODE:     | LENGTH:         | PRICE:      |
|-----------|-----------------|-------------|
| NEP_OT-CF | 8 Hours (1 day) | kr11,600.00 |

## Description

Identify the features and benefits of NetApp® ONTAP® 9 data management software. Understand the architecture and functionality of an ONTAP cluster. Learn the basics of how to configure and manage an ONTAP cluster by using the CLI, NetApp ONTAP System Manager, and NetApp BlueXP™.

## Objectives

This course focuses on enabling you to do the following:

- Outline the components of a cluster and its features
- Articulate how to manage storage provisioning and data protection
- Identify the networks, ports, IPspaces, broadcast domains, and network interfaces that clusters use
- Explain storage VMs (storage virtual machines, also known as SVMs) and how FlexVol® volumes provide flexibility in managing data
- Use tools and features to identify and resolve cluster issues

## Audience

Administrator, engineer, architect, and operator

## Prerequisites

No course pre-requisites

## Programme

### Module 0: Welcome

- Welcome
- Introduction
- Course agenda

Exercises:

- Checking the exercise equipment

### Module 1: Introduction

- Storage essentials
- Storage and data management solutions
- BlueXP

## **Module 2: NetApp storage system architecture**

- Key ONTAP terms
- Cluster configurations
- ONTAP software architecture
- WAFL
- ONTAP in a hybrid cloud

Exercises:

- Exploring ONTAP architecture

## **Module 3: Management**

- Administrative roles
- Administrative interfaces
- ONTAP System Manager
- Active IQ Unified Manager
- SnapCenter
- ONTAP RESTful APIs and toolkits
- BlueXP

Exercises:

- Exploring ONTAP architecture using the CLI
- Exploring NetApp BlueXP

## **Module 4: ONTAP networks**

- Storage networks
- Types of ports
- Multitenancy networks
- Logical interfaces

Exercises:

- Managing network resources

### Module 5: Storage VMs

- Storage VMs
- Volumes
- Efficiency features
- Create and configure
- Data protection techniques
- NAS client access

Exercises:

- Introducing storage VMs

### Session Dates

| Date        | Location                | Time Zone | Language | Type                  | Guaranteed | PRICE       |
|-------------|-------------------------|-----------|----------|-----------------------|------------|-------------|
| 09 Dec 2024 | Virtual Classroom (CET) | CET       | English  | Classroom             |            | kr11,600.00 |
| 13 Jan 2025 | Virtual Classroom (GMT) | GMT       | English  | Instructor Led Online |            | kr11,600.00 |
| 07 Apr 2025 | Virtual Classroom (GMT) | BST       | English  | Instructor Led Online |            | kr11,600.00 |
| 14 Jul 2025 | Virtual Classroom (GMT) | BST       | English  | Instructor Led Online |            | kr11,600.00 |
| 13 Oct 2025 | Virtual Classroom (GMT) | BST       | English  | Instructor Led Online |            | kr11,600.00 |
| 15 Dec 2025 | Virtual Classroom (GMT) | GMT       | English  | Instructor Led Online |            | kr11,600.00 |

### Ytterligare information

[Denna utbildning finns också som utbildning på plats. Kontakta oss för mer information.](#)