



ONTAP Cluster Foundations (ONTAPCF)

ID ONTAPCF **Price** 900.— €(excl. tax) **Duration** 1 day

Course Overview

In this course, you learn the features and benefits of NetApp® ONTAP® 9 data management software. The course enables you to explain the architecture and functionality of an ONTAP cluster. You also learn the basics of how to administer, configure, and manage an ONTAP cluster by using the CLI, ONTAP System Manager, and NetApp BlueXP.

Who should attend

Administrator, engineer, architect, and operator

Course Objectives

This course focuses on enabling you to do the following:

- Outline the components of a cluster and its features.
- Discuss how to manage storage provisioning and data protection.
- Identify the networks, ports, IPspaces, broadcast domains, and network interfaces - that the 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.

Detailed Course Outline

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 Exploring ONTAP architecture

Module 3: Management

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

Module 4: ONTAP networks

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

Module 5: Storage VMs

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

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