



Enterprise Computing Solutions - Education Services

## TRAINING OFFERING

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# Integrating Hybrid Clouds Foundation

| CODE:    | LENGTH:         | PRICE:  |
|----------|-----------------|---------|
| NEP_IHCF | 8 Hours (1 day) | €950.00 |

## Description

This course describes the features and benefits of the NetApp® Cloud Volumes ONTAP® system. The course helps enable you to explain the architecture and functionality of cloud based ONTAP storage. Also, the course introduces basic administration, configuration, and management of the Cloud Volumes ONTAP system that uses NetApp BlueXP™ (formerly NetApp Cloud Manager).

## Objectives

This course focuses on enabling you to do the following:

- Summarize the components of a Cloud Volumes ONTAP system
- List the deployment topologies and options
- Identify the various management methods and interfaces
- Distinguish how data is managed in a Cloud Volumes ONTAP system
- Distinguish how to add working environments
- List the features that can be used to manage or protect Cloud Volumes ONTAP, Azure NetApp Files, NetApp Cloud Volumes Service, Amazon FSx for NetApp ONTAP, and NetApp ONTAP software resources in a cloud-only or hybrid cloud environment
- Explain the features and benefits of BlueXP
- List the various BlueXP deployment options
- Summarize the NetApp cloud service integrations that are available in BlueXP

## Audience

Storage administrators of any experience level

## Prerequisites

A basic knowledge of ONTAP 9 software, Amazon Web Services (AWS), Microsoft Azure, and Google Cloud is recommended.

## Programme

|  |  |
|--|--|
|  | Lesson 1: NetApp BlueXP and Cloud Volumes ONTAP                    |
|  | Lesson 2: Geographies  |
| <b>Module 1: Introduction to the NetApp Cloud Volumes ONTAP system</b> | Lesson 3: Cloud Volumes ONTAP use cases                            |
|  | Lesson 1: Disk types and tiering                                   |
|  | Lesson 2: Storage management                                       |
| <b>Module 2: NetApp Cloud Volumes ONTAP architecture</b>               | Lesson 3: Cloud Volumes ONTAP types                                |
| <b>Module 3: Introduction to NetApp BlueXP</b>                         | Lesson 1: NetApp BlueXP  |
| <b>Module 4: How to deploy the NetApp Cloud Volumes ONTAP system</b>   |  |
|  | Lesson 1: Deploying the connector                                  |
|  | Lesson 2: Deploying the Cloud Volumes ONTAP system in AWS          |
|  | Lesson 3: Deploying the Cloud Volumes ONTAP system in Azure        |
|  | Lesson 4: Deploying the Cloud Volumes ONTAP system in Google Cloud |
|  | Lesson 1: Managing the working environment                         |
| <b>Module 5: Managing the NetApp Cloud Volumes ONTAP system</b>        | Lesson 2: Using ONTAP System Manager                               |
|  | Lesson 1: Integrated data protection                               |
|  | Lesson 2: Integrated data protection services                      |
| <b>Module 6: Integrations to protect cloud resources</b>               | Lesson 3: Integrated data privacy services                         |

Lesson 1: Kubernetes  
 Lesson 2: Classification  
 Lesson 3: Tiering  
 Lesson 4: Observability  
 Lesson 5: Edge caching  
 Lesson 6: Cloud operations (CloudOps)  
 Lesson 7: NetApp Active IQ Digital Advisor and discovery  
 Lesson 8: Backup and recovery  
 Lesson 9: Merging NetApp SnapCenter into BlueXP  
 Lesson 10: Remediation

**Module 7: Additional cloud services integrations**

**Follow on courses**

This 1 day course provides an introduction to the following two cloud courses.. [UNCMMAZ - Integrating Hybrid Clouds with Microsoft Azure](#) [DF-HCL-I - Integrating Hybrid Clouds with Amazon Web Services](#)

**Session Dates**

| Date        | Location                      | Time Zone | Language | Type                  | Guaranteed | PRICE   |
|-------------|-------------------------------|-----------|----------|-----------------------|------------|---------|
| 09 Dec 2024 | Virtual Classroom (GMT / UTC) | GMT       | English  | Classroom             |            | €950.00 |
| 13 Jan 2025 | Virtual Classroom (GMT / UTC) | GMT       | English  | Instructor Led Online |            | €950.00 |
| 17 Mar 2025 | Virtual Classroom (GMT / UTC) | GMT       | English  | Instructor Led Online |            | €950.00 |
| 06 May 2025 | Virtual Classroom (GMT / UTC) | BST       | English  | Instructor Led Online |            | €950.00 |
| 16 Jun 2025 | Virtual Classroom (GMT / UTC) | BST       | English  | Instructor Led Online |            | €950.00 |
| 14 Jul 2025 | Virtual Classroom (GMT / UTC) | BST       | English  | Instructor Led Online |            | €950.00 |
| 26 Aug 2025 | Virtual Classroom (GMT / UTC) | BST       | English  | Instructor Led Online |            | €950.00 |
| 15 Sep 2025 | Virtual Classroom (GMT / UTC) | BST       | English  | Instructor Led Online |            | €950.00 |
| 13 Oct 2025 | Virtual Classroom (GMT / UTC) | BST       | English  | Instructor Led Online |            | €950.00 |
| 10 Nov 2025 | Virtual Classroom (GMT / UTC) | GMT       | English  | Instructor Led Online |            | €950.00 |
| 15 Dec 2025 | Virtual Classroom (GMT / UTC) | GMT       | English  | Instructor Led Online |            | €950.00 |

**Additional Information**

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