



Enterprise Computing Solutions - Education Services

## TRAINING OFFERING

---

**Du kan nå oss här**

Kronborgsgränd 7, 164 46 Kista

Email: [edu.ecs.se@arrow.com](mailto:edu.ecs.se@arrow.com)

Phone: +46 8 555 188 00



# ONTAP Data Protection Administration

<b>CODE:</b>	<b>LENGTH:</b>	<b>PRICE:</b>
NEP_OT-DPA	16 Hours (2 days)	kr24,000.00

## Description

Explore key concepts and techniques for protecting data on NetApp® ONTAP® based storage systems. Learn about the data protection solutions that are integrated in ONTAP software and examine the tools to manage ONTAP data protection features. In the hands-on exercises, use NetApp ONTAP System Manager and the ONTAP CLI to perform key data protection tasks. This course is updated for ONTAP 9.14.1 software.

## Objectives

- Describe and distinguish the data protection features in ONTAP software
- Administer the appropriate ONTAP data protection feature to address your data protection concern
- Configure NetApp SnapMirror® relationships for disaster recovery and data backup
- Demonstrate storage VM disaster recovery (SVM DR)
- Illustrate NDMP-enabled operations to back up NAS data to tape
- Integrate the cloud-based data protection solutions that complement your ONTAP based storage systems
- Structure NetApp MetroCluster components and functionality
- Illustrate SnapMirror active sync components and functionality

## Audience

NetApp Administrators, Architects and Operators

## Prerequisites

The Cluster Administration class as below should be taken as a pre-requisite.. [\*\*OT-CLU-A - ONTAP Cluster Administration\*\*](#)  
In addition to the above, the ONTAP Data Protection, NAS & SAN Fundamentals elearning classes accessed FOC via the NetApp Learning Center should be undertaken. Please contact us via the link below for support as required..

### [Contact Us](#)

## Programme

- Introduction to SnapMirror
- Configuring SnapMirror relationships
- Guidelines for intercluster networking

### **Module 1: SnapMirror Fundamentals** • Cluster and storage VM peering **Exercises**

Configuring cluster peering and storage VM peering **Module 2: SnapMirror for Disaster Recovery and Backup**

- SnapMirror for FlexVol volumes
- SnapMirror configuration considerations
- SnapMirror for disaster recovery
- SnapMirror for backup
- Interaction between SnapMirror and other ONTAP features
- S3 SnapMirror
- FabricPool **Exercises**
- Using SnapMirror to mirror FlexVol volumes
- Performing SnapMirror disaster recovery
- Configuring SnapMirror for unified replication
- Restoring data from a Snapshot copy
- Configuring cluster and storage VM peering for a cascade relationship (optional)
- Configuring a cascade relationship(optional)

- SnapMirror Synchronous
- Configuring SnapMirror Synchronous for disaster recovery

**Module 3: SnapMirror Synchronous for Disaster Recovery** • Additional SnapMirror Synchronous configuration

**Exercises** Configuring a SnapMirror Synchronous relationship

- SVM DR introduction
- SVM DR requirements and configuration
- SVM data mobility

**Module 4: Storage VM Disaster Recovery (SVM DR)**

- Exercises** Configuring storage VM data recovery
- NDMP fundamentals
  - NDMP topologies

**Module 5: ONTAP Backup and Archive Solutions** • NDMP management

- SnapMirror Cloud
- Cloud Volumes ONTAP
- Data protection with NetApp BlueXP
- Consistency group management
- Introduction to SnapMirror active sync
- SnapMirror active sync configuration
- Failover operations and failure scenarios
- MetroCluster fundamentals

**Module 6: Cloud-based Data Protection**

**Module 7: ONTAP Business Continuity Solutions**

## Session Dates

Date	Location	Time Zone	Language	Type	Guaranteed	PRICE
19 Dec 2024	Virtual Classroom (GMT)	GMT	English	Instructor Led Online		kr24,000.00
16 Jan 2025	Virtual Classroom (GMT)	GMT	English	Instructor Led Online		kr24,000.00
20 Feb 2025	Virtual Classroom (GMT)	GMT	English	Instructor Led Online		kr24,000.00
20 Mar 2025	Virtual Classroom (GMT)	GMT	English	Instructor Led Online		kr24,000.00
10 Apr 2025	Virtual Classroom (GMT)	BST	English	Instructor Led Online		kr24,000.00
23 May 2025	Virtual Classroom (GMT)	BST	English	Instructor Led Online		kr24,000.00
19 Jun 2025	Virtual Classroom (GMT)	BST	English	Instructor Led Online		kr24,000.00
17 Jul 2025	Virtual Classroom (GMT)	BST	English	Instructor Led Online		kr24,000.00
21 Aug 2025	Virtual Classroom (GMT)	BST	English	Instructor Led Online		kr24,000.00
15 Sep 2025	Virtual Classroom (GMT)	BST	English	Instructor Led Online		kr24,000.00
16 Oct 2025	Virtual Classroom (GMT)	BST	English	Instructor Led Online		kr24,000.00
13 Nov 2025	Virtual Classroom (GMT)	GMT	English	Instructor Led Online		kr24,000.00
18 Dec 2025	Virtual Classroom (GMT)	GMT	English	Instructor Led Online		kr24,000.00

## Ytterligare information

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