



Arrow ECS Finland Oy - Education Services

## TRAINING OFFERING

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**You can reach us at:**

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# ONTAP (9.8) MetroCluster IP Implementation

**CODE:**

NEP\_OT-MCLU-I9.8

**LENGTH:**

16 Hours (2 days)

**PRICE:**

€2,040.00

**Description**

MetroCluster software is a unique high-availability and disaster-recovery solution. In this course, you learn how to cable and set up a MetroCluster environment. Using active, participatory exercises, you practice the configuration and verification steps. You also learn how to identify component failures and practice recovery steps.

**Objectives**

This course focuses on enabling you to do the following:

- Describe the major architectural components of a MetroCluster environment
- Cable nodes and back-end IP switches
- Set up back-end IP switches
- Configure the clusters at both local and remote in a MetroCluster environment
- Set up a MetroCluster configuration and serve data to clients
- Detect and recover from failures in a MetroCluster environment
- Install and configure TieBreaker Manager software

**Audience**

- NetApp Employees
- Partner Professional Service Implementation Engineers

**Prerequisites**

The following courses and/or knowledge and skills are recommended prior to taking this course. **Required** MetroCluster Completion of ONTAP PS Professional Compliance Program or an equivalent program

**Recommended**

MetroCluster in ONTAP Overview for Support Partners & MetroCluster Ecosystem Troubleshooting for Partners

**Programme**

Lesson 1: Introduction to MetroCluster Software

Lesson 2: Introduction to MetroCluster IP Configuration

Lesson 3: MetroCluster IP Supported Configurations

**Module 1: MetroCluster IP Overview** Lesson 4: MetroCluster Configuration Tools and Documentation

Lesson 1: Risk and Disk Layout

Lesson 2: MetroCluster IP Cabling Overview

Lesson 3: Switch Cabling Overview

**Module 2: MetroCluster IP Rack and Cabling** Lesson 4: Shelf Cabling

**Module 3: Switch Configuration**

Lesson 1: Node Preparation

Lesson 2: Local Disk Assignment

Lesson 1: Switch Configuration

Lesson 2: Installing and Updating Switches

**Module 4: Preparing the Clusters**

Lesson 3: Node and Cluster Setup

- Lesson 1: Cluster Preparation
- Lesson 2: Remote Disk Assignments
- Lesson 3: MetroCluster Configuration
- Lesson 4: MetroCluster Verification
- Lesson 5: MetroCluster Monitoring
- Lesson 6: SVM Configuration in a MetroCluster Environment

**Module 5: MetroCluster Configuration**

- Lesson 1: Switchover
- Lesson 2: Switchback
- Lesson 3: Failure Scenarios

**Module 6: Failure Scenarios**

- Lesson 1: TieBreaker Introduction
- Lesson 2: TieBreaker Installation
- Lesson 3: TieBreaker Configuration

Lesson 4: LIF Placement

**Module 7: MetroCluster TieBreaker Manager Configuration**

**Session Dates**

Date	Location	Time Zone	Language	Type	Guaranteed	PRICE
11 May 2023	Virtual Classroom (GMT / UTC)	BST	English	Instructor Led Online		€2,040.00

**Additional Information**

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