



# MetroCluster Administration (MCCADM)

ID MCCADM Price 1,800.— €(excl. tax) Duration 2 days

## Course Overview

In this course, you learn the knowledge and skills necessary to administer an ONTAP MetroCluster system. You will review the specificity of MetroCluster environment and discover how they affect the daily operations. You will also extensively demonstrate how to manage component failures and complete site disaster to reduce the impact on your critical data and applications. Finally, you will learn about the transition capabilities from ONTAP MetroCluster FC to MetroCluster IP.

## Who should attend

Systems Administrators and Architects

## Prerequisites

NCTSP, NCDA and NCIE-DP or equivalent ONTAP experience.

## Course Objectives

This course focuses on enabling you to do the following:

- Define the Business Continuity solutions offered by NetApp.
- Review the ONTAP MetroCluster architectural principles.
- Understand the differences between MetroCluster FC and MetroCluster IP
- Demonstrate the MetroCluster specific concepts and commands.
- Understand the MetroCluster Data Protection and Tiering mechanisms.
- Describe resource provisioning on a MetroCluster system.
- Define the MetroCluster Maintenance procedures.
- Describe how to use NetApp tools for MetroCluster monitoring.
- Understand the MetroCluster FC to MetroCluster IP transition process.

## Detailed Course Outline

### Module 1: Introduction to Metrocluster

- Business Continuity and Data Protection
- MetroCluster history and evolution
- MetroCluster types

### Module 2: MetroCluster IP architecture

- MetroCluster IP architectures
- MetroCluster IP components
- MetroCluster IP network configuration

### Module 3: MetroCluster Data Access

- MetroCluster connectivity
- Protocol access in MetroCluster

### Module 4: Data Protection and Tiering

- Data Protection implementation with MetroCluster.
- Data Mobility and Tiering.

### Module 5: Monitoring MetroCluster

- MetroCluster specific logs and components
- Monitoring tools

### Module 6: MetroCluster Maintenance

- Maintenance procedures on MetroCluster
- Switch maintenance and upgrade.
- ONTAP Mediator upgrade

### Module 7: Failover workflows

- Review the component failures in MetroCluster
- Review the different disaster scenarios

### Appendix A: MetroCluster Transition

- Transition support from MCFC to MCIP
- Process workflow

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