

MetroCluster Administration

Duration: 2 Days **Course Code: NEP_OT-MC-ADM** **Delivery Method: Virtual Learning**

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.

Virtual Learning

This interactive training can be taken from any location, your office or home and is delivered by a trainer. This training does not have any delegates in the class with the instructor, since all delegates are virtually connected. Virtual delegates do not travel to this course, Global Knowledge will send you all the information needed before the start of the course and you can test the logins.

Target Audience:

Systems Administrators and Architects

Objectives:

- 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.
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Prerequisites:

NCTSP, NCDA and NCIE-DP or equivalent ONTAP experience

Content:

Module 1: Introduction to Metrocluster	Exercises:	• Maintenance procedures on MetroCluster
• Business Continuity and Data Protection	• Create multiple storage VMs.	• Switch maintenance and upgrade.
• MetroCluster history and evolution	• Review the created resources.	• ONTAP Mediator upgrade
• MetroCluster types	• Connect your resources to different hosts	Exercises:
Exercises:	Module 4: Data Protection and Tiering	• Upgrade ONTAP.
• Connect to your lab and check your system.	• Data Protection implementation with MetroCluster.	• Upgrade the Mediator.
• Review the available documentation.	• Data Mobility and Tiering.	Module 7: Failover workflows
Module 2: MetroCluster IP architecture	Exercises:	• Review the component failures in MetroCluster
• MetroCluster IP architectures	• Backup data to a third cluster	• Review the different disaster scenarios
• MetroCluster IP components	• Use FabricPool to tier cold data to S3	Exercises:
• MetroCluster IP network configuration	Module 5: Monitoring MetroCluster	• Fail different components.
Exercises:	• MetroCluster specific logs and components	• Run planned and unplanned switchovers.
• Navigate the different resources.	• Monitoring tools	Appendix A: MetroCluster Transition
• Explore your MetroCluster environment.	Exercises:	• Transition support from MCFC to MCIP
Module 3: MetroCluster Data Access	• Collect MetroCluster logs manually.	• Process workflow
• MetroCluster connectivity	• Install and use MCDC.	Exercises:
• Protocol access in MetroCluster	Module 6: MetroCluster Maintenance	No additional labs

Further Information:

For More information, or to book your course, please call us on Head Office 01189 123456 / Northern Office 0113 242 5931

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