MetroCluster Administration

Cursusduur: 2 Dagen Cursuscode: NEP_OT-MC-ADM

Beschrijving:

English - Please note this course is only available in English.
Nederlands - Let op: deze training is alleen in het Engels beschikbaar.
Franais - Veuillez noter que ce cours est uniquement disponible en anglais.
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.

Doelgroep:

Systems Administrators and Architects

Doelstelling:

- • 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.

Vereiste kennis en vaardigheden:

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

Cursusinhoud:

Module 1: Introduction to Metrocluster

• Business Continuity and Data Protection

• MetroCluster history and evolution

• MetroCluster types

Exercises:

• Connect to your lab and check your system.

• Review the available documentation.

Module 2: MetroCluster IP architecture

• MetroCluster IP architectures

• MetroCluster IP components

• MetroCluster IP network configuration

Exercises:

• Navigate the different resources.

• Explore your MetroCluster environment.

Module 3: MetroCluster Data Access

• MetroCluster connectivity

• Protocol access in MetroCluster

Exercises:

• Create multiple storage VMs.

• Review the created resources.

• Connect your resources to different hosts

Module 4: Data Protection and Tiering

• Data Protection implementation with MetroCluster.

• Data Mobility and Tiering.

Exercises:

• Backup data to a third cluster

• Use FabricPool to tier cold data to S3

Module 5: Monitoring MetroCluster

• MetroCluster specific logs and components

• Monitoring tools

Exercises:

• Collect MetroCluster logs manually.

• Install and use MCDC.

Module 6: MetroCluster Maintenance

• Maintenance procedures on MetroCluster

• Switch maintenance and upgrade.

• ONTAP Mediator upgrade

Exercises:

• Upgrade ONTAP.

• Upgrade the Mediator.

Module 7: Failover workflows

• Review the component failures in MetroCluster

• Review the different disaster scenarios

Exercises:

• Fail different components.

• Run planned and unplanned switchovers.

Appendix A: MetroCluster Transition

• Transition support from MCFC to MCIP

• Process workflow

Exercises:

No additional labs

Nadere informatie:

Neem voor nadere informatie of boekingen contact op met onze Customer Service Desk 030 - 60 89 444

info@globalknowledge.nl

www.globalknowledge.com/nl-nl/

Iepenhoeve 5, 3438 MR Nieuwegein