

ONTAP Data Protection Administration

Duration: 2 Days Course Code: NEP_OT-DPA

Overview:

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.

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 9.16.1 software.

Target Audience:

NetApp Administrators, Architects and Operators

Objectives:

- This course focuses on enabling you to do the following:
 - 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
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Prerequisites:

The below are pre-requisites for this course:

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Content:

This course includes the following modules, lessons, and exercises:

Module 1: SnapMirror fundamentals

Introduction to SnapMirror

Configuring SnapMirror relationships

Guidelines for intercluster networking

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)

Module 3: SnapMirror synchronous for disaster recovery

SnapMirror synchronous

Configuring SnapMirror synchronous for disaster recovery

Additional SnapMirror synchronous configuration

Exercises

Configuring a SnapMirror synchronous relationship

Module 4: SVM DR

Introduction to SVM DR

SVM DR requirements and configuration

SVM data mobility

Exercises

Configuring SVM DR

Module 5: ONTAP backup and archive solutions

NDMP fundamentals

NDMP topologies

NDMP management

Module 6: Cloud-based data protection

SnapMirror cloud

Cloud Volumes ONTAP

Data protection with NetApp BlueXP

Module 7: ONTAP business continuity solutions

Consistency group management

Introduction to SnapMirror active sync

SnapMirror active sync configurations

Failover operations and failure scenarios

MetroCluster fundamentals

Further Information:

For More information, or to book your course, please call us on 0800/84.009

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www.globalknowledge.com/en-be/