

ONTAP Data Protection Administration

Cursusduur: 2 Dagen Cursuscode: NEP_OT-DPA

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.

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.

Doelgroep:

NetApp Administrators, Architects and Operators

Doelstelling:

- 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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Vereiste kennis en vaardigheden:

- *ONTAP Cluster Administration*
 - *ONTAP NAS Fundamentals*
 - *ONTAP SAN Fundamentals*
 - *ONTAP Data Protection Fundamentals*
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Cursusinhoud:

Module 1: SnapMirror Fundamentals

- Introduction to SnapMirror
- Configuring SnapMirror relationships
- Guidelines for intercluster networking
- Cluster and storage VM peering

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)

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

- 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)

Configuring a SnapMirror Synchronous relationship

Module 4: Storage VM Disaster Recovery (SVM DR)

- SVM DR introduction
- SVM DR requirements and configuration
- SVM data mobility

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)

Configuring storage VM data recovery

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 configuration
- Failover operations and failure scenarios
- MetroCluster fundamentals

Nadere informatie:

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

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