

NetApp OnCommand Unified Manager Administration

Code:	NA-OCADM
Length:	4 days
URL:	View Online

Centralize your ability to deploy, automate, protect and monitor all your storage with NetApp OnCommand unified manager software. With its unique capability of monitoring and managing both physical and virtual storage infrastructures, it offers effective, cost-efficient management of your shared storage infrastructure. It enables you to optimize utilization, meet SLAs, minimize risk, and boost the performance of your storage infrastructure. This course provides an overview of the features of OnCommand management software. In this course you learn to administer your storage infrastructure by using OnCommand management software.

Skills Gained

- By the end of this course you should be able to:
- Monitor and manage physical and virtual storage infrastructure
- Provision storage for VMware virtual infrastructure using SnapDrive for Windows
- Provision storage for application datastores using OnCommand provisioning capability
- Perform policy-based backups using OnCommand protection capability
- Clone VMs and backup and recover VMware infrastructure using On-Command plug-in for VMware
- Administer security to enable business policy compliance
- Automate storage provisioning and protection by using storage catalogue
- Monitor and analyze storage systems and vFiler unit performance using Performance Advisor

Who Can Benefit

- The target audience is NetApp Employees, Partners and Customers

Prerequisites

- The following pre-requisite or equivalent knowledge is required for this course:
- Data ONTAP 7-Mode Administration (D7ADM)

Course Details

NetApp OnCommand Unified Manager Administration

- Module 1: Introduction to NetApp OnCommand Management Software Describe the OnCommand portfolio of products
- Describe OnCommand management software and its capabilitiesModule 2: Installing and Configuring OnCommand

Unified ManagerInstall and configure the OnCommand Unified Manger

- Configure AutoSupportModule 3: Monitoring Storage SystemsMonitor storage objects
- Manage groups of storage objects
- Manage users and roles for OnCommand Unified ManagerModule 4: Describing Provisioning and Protection CapabilitiesDescribe the OnCommand protection and provisioning capabilities
- Create resource pools and datasets
- Associate datasets with resource pools, protection policies, and provisioning policies
- Create storage servicesModule 5: Protecting and Restoring Virtual ObjectsBack up virtual objects
- Mount virtual objects
- Restore virtual objectsModule 6: Recovering DataUse the protection capability to restore data
- Perform failover and failbackModule 7: Working with Provisioning and Protection CapabilitiesManage external relationships
- Describe the job engine
- Edit datasets
- Manage secondary spaceModule 8: Creating and Managing vFiler UnitsCreate vFiler units
- Create vFiler templates
- Migrate vFiler units
- Migrate datasetsModule 9: Managing Storage SystemsMonitor storage system events
- Manage users of the storage systems
- Manage configuration settings
- Create reportsModule 10: Working with Performance AdvisorProvide an overview of Performance Advisor
- Diagnose performance issues
- Perform event correlation
- Export performance data
- Configure data collection
- View performance dataLab Exercises
- 2-1 Verify the installation of core packageand host package
- 2-2 Securing storage systems
- 2-3 Discovering storage systems
- 2-4 Configuring AutoSupport
- 3-1 Configuring groups of storage systems
- 3-2 Creating OnCommand Unified Manager
- 4-1 Installing the NetApp Management Console
- 4-2 Create resource pools
- 4-3 Create a provisioning policy for NAS and secondary storage
- 4-4 Create datasets
- 4-5 Create protection policies and schedules
- 4-6 Associate datasets with protection policies and resource pools
- 4-7 Use the storage service wizard to create a storage service and to apply it to a new dataset
- 5-1 Configuring host service
- 6-1 Perform failover and failback

- 7-1 Importing relationships into OnCommand Unified Manager
 - 7-2 Perform Secondary Space Management
 - 7-3 Delete Snapshot copies for a dataset
 - 7-4 Resize secondary storage for a dataset
 - 7-5 Run On-Demand deduplication
 - 7-6 Modifying a dataset
 - 7-7 Troubleshooting the provisioning capability
 - 7-8 Troubleshooting the protection capability
 - 8-1 Create and set up a vFiler unit
 - 8-2 Migrate a vFiler unit
 - 9-1 Monitoring storage systems events
 - 9-2 Creating users and roles on the storage system
 - 9-3 Configuring storage systems
 - 9-4 Create reports
 - 10-1 Configuring data collection
 - 10-2 Defining thresholds and creating alerts
 - 10-3 Viewing performance data
 - 10-4 Perform performance diagnosis
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