

ONTAP Administration of Active IQ Unified Manager

Course Code: AOCMCDOT

Duration: 2 days

Instructor-led Training (ILT) | Virtual Instructor-led Training (VILT)

OVERVIEW

In this course, you discover how to deploy and maintain NetApp® Active IQ® Unified Manager (formerly OnCommand® Unified Manager) and how to pair Unified Manager with the OnCommand Workflow Automation (OnCommand WFA) data management solution. You learn how the performance management features of Unified Manager provide a unified approach to storage management and how that approach reduces complexity.

You also learn how to use OnCommand WFA to enhance Unified Manager's data protection capabilities.

SKILLS COVERED

- Install and maintain a Unified Manager deployment
- Use Unified Manager to monitor the health and performance of your storage infrastructure
- Categorize storage objects and implement annotation and group features
- Configure thresholds, event retention settings, and alerts so that storage issues can be anticipated and quickly identified
- Explore reporting tools and run reports
- Pair Unified Manager with OnCommand WFA to manage protection relationships and storage objects in the storage infrastructure
- Maintain and protect the Unified Manager database

WHO SHOULD ATTEND?

NetApp employees or NetApp partners who are support engineers, Professional Services workers, or Customer Support Services workers

PRE-REQUISITES

- ONTAP Cluster Administration (three-day instructor-led course)
- ONTAP Data Protection Fundamentals (web-based course)

MODULES

Module 1: Review Unified Manager and NetApp Data Management Products

Overview of NetApp Data Management Solutions

AIQ Unified Manager

Features and Functions

Discovery Process

Integration with WFA

Module 2: Deploy Unified Manager

- Installation and Configuration tasks
- Supported Host Environments
- Supported Browsers
- Hardware Requirements
- Prepare information for install
- Download software
- Install Unified Manager
- Configure initial settings
- Unified Manager objects
- Manage users

Module 3: Explore the Unified Manager UI

- Dashboards
- Navigation pane
- Type-ahead search
- Favorites
- Column selection
- Export inventory data
- Using filters

Module 4: Customize Unified Manager for Your Storage Environment

- Configure and Customize thresholds
- Configure events and alerts
- Managing SAML authentication
- Annotation and Groups
- Annotation rules
- Group rules
- Group actions
- When to use annotations vs. groups

Module 5: Monitor Storage Objects

- Inventory pages
- Monitor object health
- Monitor object performance
- Object pages
- Protection pages
- Using Unified Manager Rest APIs for NSLM features

Module 6: Manage Data Protection Relationships

- WFA features and functions
- WFA's role in extending DP capabilities in UM
- Pairing UM with WFA
- The WFA UI
- Predefined workflows
- Executing workflows
- Protecting data with UM

Module 7: Reporting in UM

- Understanding reporting in Unified Manager
- Built-in reports
- Sharing and scheduling reports
- Exporting reports
- Creating custom reports

Module 8: Maintain Unified Manager

- Protecting the UM database
- Upgrading UM
- Extending disk space for the UM database
- Troubleshooting and Remediation
- Sending a UM support bundle to NetApp support

Labs:

- Review Unified Manager
- Deploy UM
- Explore the Unified Manager UI
- Customize UM for the storage environment
- Monitor storage objects
- Manage data protections relationships
- Reporting in UM
- Maintain UM