Administration of Active IQ Unified Manager ONTAP (AOCMCDOT)

Modality: Virtual Classroom

Duration: 2 Days

NATU: 24 Units

About this course:

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.

The average salary for NetApp Infrastructure Engineer is **$78,406** per year.

Course Objectives:

- 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

Audience:

- Customers of NetApp?s heterogeneous storage area network (HeSAN) migration service
- NetApp sales engineers (SEs)
- Consulting sales engineers (CSEs)
- Professional services engineers (PSEs)
- Professional services consultants (PSCs)
- Channel partner engineers

Prerequisites:

- ONTAP Cluster Administration (ONTAP 9.6) (ONTAP9ADM)

Course Outline:

Module 1: Review Unified Manager and NetApp Data Management Products

- Overview of NetApp Data Management Solutions
- AIQ Unified Manager
  - Features and Functinos
  - 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

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- 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 [/list} [b]Labs: [/b]
  - 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