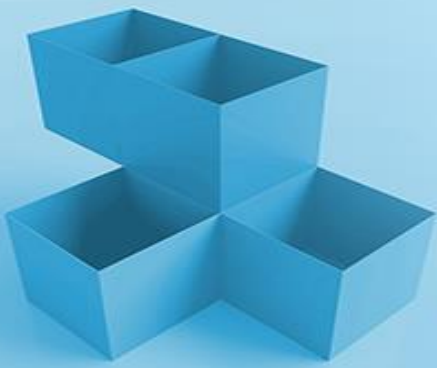


ONTAP Administration of Active IQ Unified Manager



Delivery: Instructor-led-training (ILT)

Duration: 2 days

Course Description

Through brief lectures, exercises, and classroom discussion you discover how to deploy and maintain an ActiveIQ Unified Manager. You learn how the performance-management features of Unified Manager provide a unified approach to storage management that reduces complexity. This course can be delivered in a traditional classroom or a virtual classroom.

Audience

- Customer systems administrator
- Partner professional services engineer

Prerequisites

- *ONTAP Cluster Administration*
- *ONTAP Data Management Fundamentals*

Objectives

This course focuses on enabling you to do the following:

- Describe the NetApp data management solutions
- Define common data management terminology
- 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

Course Content

Module	Lessons	Exercises
<p>Module 1: Review Unified Manager</p>	<ul style="list-style-type: none"> • Overview of NetApp Data Management solutions • Active IQ Unified Manager architecture 	<ul style="list-style-type: none"> • Explore and verify lab environment
<p>Module 2: Deploy Unified Manager</p>	<ul style="list-style-type: none"> • Preview installation and configuration tasks • Hardware and software requirements • Prepare information for installation • Install Unified Manager • Configure initial settings • Review Unified Manager objects 	<ul style="list-style-type: none"> • Perform initial setup • Add target clusters
<p>Module 3: Explore the user interface</p>	<ul style="list-style-type: none"> • Dashboards • UI features • Unified Manager REST API 	<ul style="list-style-type: none"> • Explore the UI • Customize views • Explore the Swagger UI for REST API
<p>Module 4: Customize UM for your storage environment</p>	<ul style="list-style-type: none"> • Thresholds • Events and alerts • SAML authentication • Annotations and groups 	<ul style="list-style-type: none"> • Configure users, events, and alerts • Configure thresholds • Configure annotations and groups
<p>Module 5: Monitor storage objects</p>	<ul style="list-style-type: none"> • Inventory and object pages • Monitoring health and performance • Actions panel • Self-managed storage • Load and capacity balancing • Tiering optimization • Data protection pages 	<ul style="list-style-type: none"> • Choose objects to monitor for health • Simulate health situations to evaluate • Analyze a performance event • Explore the workload analyzer • Experiment with failover planning • Trace DP lag issues • Examine virtual infrastructure in a disaster recovery group

Module	Lessons	Exercises
<p>Module 7: Reporting in Unified Manager</p>	<ul style="list-style-type: none"> • Reporting overview • Built-in reports • Sharing and scheduling reports • Exporting reports • Custom reports 	<ul style="list-style-type: none"> • Customize and execute a report
<p>Module 8: Maintain Unified Manager</p>	<ul style="list-style-type: none"> • UM maintenance console • Protecting the UM database • Upgrading Unified Manager • Extending disk space for the UM database 	<ul style="list-style-type: none"> • None

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