



NETAPP LEARNING SERVICES

StorageGRID Administration

Delivery: Instructor-led training (ILT) and Virtual ILT (VILT)

Duration: 3 days

Course Description

This course is a comprehensive analysis of NetApp® StorageGRID® administration. You learn how to configure, monitor, maintain, and expand a StorageGRID system. The course outlines the new features and enhancements in StorageGRID 11.5. The course materials include a guide for hands-on exercises that you perform in a lab environment. This course also builds on the concepts that you learned in *StorageGRID Fundamentals* and is complementary to *Installing StorageGRID*.

Audience

Storage administrators, professional services personnel, and support services personnel

Prerequisites

StorageGRID Fundamentals

Objectives

This course focuses on enabling you to do the following:

- Use the StorageGRID Grid Manager to monitor and manage a StorageGRID object-based storage solution
- Create and manage storage tenant accounts, groups, and users
- Configure information lifecycle management (ILM) rules and policies
- Control access to the StorageGRID system and implement service levels
- Manage Simple Storage Service (S3) buckets and objects
- Monitor StorageGRID system activity
- Configure and manage email notifications and custom alerts
- Integrate the StorageGRID solution into your data fabric

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Course Content

This course includes the following modules, lessons, and exercises:

Modules	Lessons	Exercises
Module 0: Welcome	<ul style="list-style-type: none"> About the StorageGRID curriculum About this course Course agenda 	Checking the exercise equipment
Module 1: StorageGRID components and services	<ul style="list-style-type: none"> StorageGRID components Node service workflows 	
Module 2: StorageGRID management	<ul style="list-style-type: none"> Grid Manager StorageGRID configuration options StorageGRID administrators Securing access to StorageGRID StorageGRID management API 	<ul style="list-style-type: none"> Exploring Grid Manager Creating and managing StorageGRID administrator accounts
Module 3: Storage tenant administration	<ul style="list-style-type: none"> Tenant accounts Tenant Manager Tenant access control StorageGRID tenant API 	<ul style="list-style-type: none"> Managing tenant accounts Using S3 tenant accounts
Module 4: Information lifecycle management	<ul style="list-style-type: none"> ILM policies and rules Storage pools, storage grades, and regions Configuring ILM policies 	<ul style="list-style-type: none"> Configuring basic ILM Tiering object storage Controlling placement based on object metadata
Module 5: Managing client connections	<ul style="list-style-type: none"> High-availability groups Load balancer endpoints Traffic classification 	Configuring API Gateway Nodes

Modules	Lessons	Exercises
<p>Module 6: S3 bucket administration</p>	<ul style="list-style-type: none"> • Virtual hosted-style identifiers • Bucket access control • S3 bucket configuration options • Client stored object options • Platform services 	<p>Managing access to S3 buckets</p>
<p>Module 7: Monitoring the StorageGRID system</p>	<ul style="list-style-type: none"> • Alerts • Audit log • Reporting 	<ul style="list-style-type: none"> • Managing alerts • Viewing StorageGRID reports • Managing audit logs
<p>Module 8: StorageGRID maintenance</p>	<ul style="list-style-type: none"> • StorageGRID AutoSupport • Managing StorageGRID services • Maintenance procedures • StorageGRID software upgrades 	<p>Performing grid maintenance tasks</p>
<p>Module 9: Integrating a StorageGRID system</p>	<ul style="list-style-type: none"> • ONTAP FabricPool • SolidFire backup to cloud • SANtricity Cloud Connector • NetApp Cloud Sync service 	<ul style="list-style-type: none"> • Configuring Cloud Storage Pools • Integrating with a Swift protocol client

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