

StorageGRID Administration (SGWSADM)

Modality: Virtual Classroom

Duration: 3 Days

NATU: 36 Units

About this course:

This course covers the basics of StorageGRID administration. You learn to use the Grid Manager to monitor and manage a StorageGRID 11.3 system. You learn to create and manage storage tenant accounts and users. You also learn how to configure information lifecycle management (ILM) rules and policies to manage object protection. You configure the StorageGRID NAS Bridge node for integration with legacy applications. Finally, you learn how to integrate a StorageGRID system into the NetApp Data Fabric. This course builds on the concepts in the StorageGRID Fundamentals course.

Course Objectives:

This course focuses on enabling you to do the following:

- Use the Grid Manager to monitor and manage a StorageGRID system
- Create and manage storage tenant accounts and users
- Configure information lifecycle management rules and policies
- Learn about the different monitoring and administration interfaces and solutions
- Configure and manage email notifications and custom alarms
- Describe how StorageGRID can be integrated into the NetApp Data Fabric

Audience:

- NetApp employees, partners, and customers

Prerequisite:

- StorageGRID Webscale Fundamentals

Course Outline:

Module 1: StorageGRID Components and Services

- Identify the components of a StorageGRID system
- Node service workflows

Module 2: StorageGRID Grid Manager

- Grid manager

- StorageGRID Configuration options
- StorageGRID Administrators
- Securing Access to StorageGRID
- StorageGRID Management API

Module 3: Storage Tenant Administration

- Tenant Accounts
- Tenant Manager
- Tenant Access Control
- Bucket Access Control
- S3 Bucket Configuration Options
- Platform Services
- StorageGRID tenant API

Module 4: Information Lifecycle Management

- ILM Policies and Rules
- Storage pools, Storage Grades and Regions
- Configuring ILM policies

Module 5: Monitoring the StorageGRID System

- Alarms
- Notifications
- Reporting
- Alerts

Module 6: StorageGRID Maintenance

- StorageGRID AutoSupport
- Audit Log
- Managing StorageGRID Services
- Maintenance Procedures
- StorageGRID Software Upgrades

Module 7: Integrating a StorageGRID System

- Managing Client Connections
- ONTAP FabricPool
- SolidFire Backup to Cloud
- E-Series Cloud Connector
- NetApp Cloud Sync Service
- NetApp SaaS Backup

Labs:

- Exploring Grid manager

- Creating and managing StorageGRID administrator accounts
- Managing tenant accounts
- Using S3 tenant accounts
- Configuring basic ILM
- Object storage tiering
- Placement based on object Metadata
- Alarm management
- Reporting
- Archiving to the cloud
- Configuring the NAS bridge
- Grid maintenance tasks
- Integrating with a swift protocol client
- Using API docs to manage the StorageGRID system