StorageGRID Administration (NA- SGWSADM)

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

Course Duration

3 days.

Prerequisites:

StorageGRID Fundamentals

Objectives

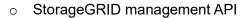This course focuses on enabling you to do the following:

- 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

Course Outline

- Introductions
  - About the StorageGRID curriculum
  - Course agenda

- StorageGRID components and services
  - StorageGRID components
  - StorageGRID networks
  - StorageGRID network topologies

- StorageGRID management
  - Grid Manager
  - StorageGRID configuration options
  - StorageGRID administrators
  - Securing access to StorageGRID

- o StorageGRID management API

- Storage tenant administration
  - o Tenant accounts
  - o Tenant Manager
  - o Tenant access control
  - o StorageGRID Tenant API

- Information lifecycle management
  - o ILM policies and rules
  - o Storage pools, storage grades,
  - o and regions
  - o Configuring ILM policies

- Managing client connections
  - o VLAN interfaces
  - o High-availability groups
  - o Load balancer endpoints
  - o Traffic classification

- S3 bucket administration
  - o Virtual hosted-style identifiers
  - o Bucket access control
  - o S3 bucket configuration options
  - o Client stored object options
  - o Platform services

- Monitoring the StorageGRID system
  - o Alerts
  - o Audit log
  - o SNMP
  - o Node services
  - o Reporting

- StorageGRID maintenance
  - o StorageGRID AutoSupport
  - o Managing StorageGRID services
  - o Maintenance procedures
  - o StorageGRID software upgrades

- Integrating a StorageGRID system
  - o NetApp FabricPool
  - o ONTAP backup to cloud
  - o BlueXP™ copy and sync service
  - o BlueXP backup and recovery service

Who Should Attend

NetApp employees, partners, and customers