NA-SGWSADM: StorageGRID Administration

Course Description

Learn how to administer NetApp® StorageGRID, a software-defined, object-based storage system. Dive into the Grid Management Interface to manage, monitor, and maintain grid nodes, configure information lifecycle management (ILM) policies, and administer Simple Storage Service (S3) buckets. Explore tenant management through the Tenant Management Interface. Also, learn how to seamlessly integrate StorageGRID with NetApp hybrid cloud protection and tiering solutions. This course is updated for StorageGRID 11.8.

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 ILM rules and policies
- Configure the StorageGRID API Gateway Nodes for client access
- Manage S3 buckets and objects
- Monitor StorageGRID system activity
- Perform grid maintenance tasks
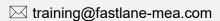- Integrate the StorageGRID solution into your data infrastructure

Course Outline

Module 1: StorageGRID components and services

- StorageGRID components
- StorageGRID networks
- StorageGRID network topologies

Module 2: StorageGRID management

- StorageGRID 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
- StorageGRID Tenant AP

Module 4: Information lifecycle management

- ILM policies and rules
- Policy tags
- Storage pools, storage grades,
- and regions
- Configuring ILM policies

Module 5: Managing client connections

- VLAN interfaces
- High-availability groups
- Load balancer endpoints
- Traffic classification

Module 6: S3 bucket administration

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

Module 7: Monitoring the StorageGRID system

- Alerts
- Audit log
- SNMP
- Node services
- Reporting

Module 8: StorageGRID maintenance

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

Module 9: Integrating a StorageGRID system

- ONTAP FabricPool
- ONTAP backup to cloud
- BlueXP copy and sync service
- BlueXP backup and recovery service

Who Should Attend

Solutions engineer (SE), architect, support engineer, implementation engineer, and professional services.