StorageGRID Administration

Duration: 3 Days **Course Code: NEP_SG-WS-ADM** **Delivery Method: Virtual Learning**

Overview:

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.

Virtual Learning

This interactive training can be taken from any location, your office or home and is delivered by a trainer. This training does not have any delegates in the class with the instructor, since all delegates are virtually connected. Virtual delegates do not travel to this course, Global Knowledge will send you all the information needed before the start of the course and you can test the logins.

Target Audience:

Solutions engineer (SE)ArchitectSupport engineerImplementation engineerProfessional services

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

Prerequisites:

StorageGRID Fundamentals

Content:

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

Exercises:

- Exploring StorageGRID Grid Manager
- Creating and managing StorageGRID administrator accounts
- Using the API to manage the StorageGRID system
- Managing tenant accounts
- Using S3 tenant accounts
- Configuring basic ILM
- Tiering object storage
- Controlling placement based on object metadata
- Configuring Gateway Nodes
- Managing access to S3 buckets
- Managing alerts
- Viewing StorageGRID reports
- Managing audit logs
- Performing grid maintenance tasks
- Configuring Cloud Storage Pools

Module 3: Storage tenant administration

- Tenant accounts
- Tenant Manager
- Tenant access control
- StorageGRID Tenant API

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Module 5: Managing client connections

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

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Module 6: S3 bucket administration

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

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Module 8: StorageGRID maintenance

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

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Module 9: Integrating a StorageGRID system

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

Exercises:

- Exploring StorageGRID Grid Manager
- Creating and managing StorageGRID administrator accounts
- Using the API to manage the StorageGRID system

Module 4: Information lifecycle management

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

StorageGRID system

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Module 7: Monitoring the StorageGRID system

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

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Further Information:

For More information, or to book your course, please call us on Head Office 01189 123456 / Northern Office 0113 242 5931

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