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## StorageGRID Administration

**Duration: 3 Days**    **Course Code: NEP\_SG-WS-ADM**    **Delivery Method: Virtual Learning**

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### 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 Manager interface. Also, learn how to seamlessly integrate StorageGRID with NetApp solutions. This course is updated for StorageGRID 12.0.

*Updated October 2026*

### 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.

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### Target Audience:

Administrator, engineer, architect, operator

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### 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
  - Configure the StorageGRID API Gateway Nodes for client access
  - Manage Simple Storage Service (S3) buckets and objects
  - Monitor StorageGRID system activity
  - Perform grid maintenance tasks
  - Integrate a StorageGRID system
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### Prerequisites:

- StorageGRID Fundamentals

### Testing and Certification

None

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### Follow-on-Courses:

None

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## Content:

### Module 0: Introduction

- Course agenda

### Module 1: StorageGRID components and services

#### Lessons for MOdule 1:

- StorageGRID components
- StorageGRID deployment options
- StorageGRID networks
- StorageGRID network topologies

#### Exercises for MOdule 1:

- Checking the exercise equipment

### Module 2: StorageGRID management

#### Lessons for MOdule 2:

- StorageGRID Grid Manager
- StorageGRID configuration options
- StorageGRID administrators
- Securing access to StorageGRID
- StorageGRID Management API

#### Exercises for MOdule 2:

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

### Module 3: Storage tenant administration

#### Lessons for MOdule 3:

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

#### Exercises for MOdule 3:

- Managing tenant accounts
- Using S3 tenant accounts

### Module 4: Information lifecycle management

#### Lessons for MOdule 4:

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

#### Exercises for MOdule 4:

- Configuring basic ILM
- Tiering object storage
- Controlling placement based on object metadata

### Module 5: Managing client connections

#### Lessons for MOdule 5:

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

#### Exercises for MOdule 5:

- Configuring Gateway Nodes

### Module 6: S3 bucket administration

#### Lessons for MOdule 6:

- Bucket access control
- Branch buckets
- S3 bucket configuration options
- S3 API stored object settings
- Platform services
- Virtual hosted-style identifiers

#### Exercises for MOdule 6:

- Managing access to S3 buckets

### Module 7: Monitoring the StorageGRID system

#### Lessons for MOdule 7:

- Alerts
- Audit logs
- SNMP
- Node services
- Reporting

#### Exercises for MOdule 7:

- Managing alerts
- Viewing StorageGRID reports
- Managing audit logs

### Module 8: StorageGRID maintenance

#### Lessons for MOdule 8:

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

#### Exercises for MOdule 8:

- Performing grid maintenance tasks

### Module 9: Integrating a StorageGRID system

#### Lessons for MOdule 9:

- ONTAP FabricPool
- ONTAP backup to the cloud
- NetApp Backup and Recovery
- NetApp Copy and Sync

#### Exercises for MOdule 9:

- Configuring Cloud Storage Pools

## Further Information:

For More information, or to book your course, please call us on 0800/84.009

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[www.globalknowledge.com/en-be/](http://www.globalknowledge.com/en-be/)