

## StorageGRID Administration

Duration: 3 Days    Course Code: NEP\_SG-WS-ADM

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### Overview:

**English - Please note this course is only available in English.**

**Nederlands - Let op: deze training is alleen in het Engels beschikbaar.**

**Français - Veuillez noter que ce cours est uniquement disponible en anglais.**

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.

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### Target Audience:

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

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### Objectives:

- 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
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### Prerequisites:

StorageGRID Fundamentals

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## 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 4: Information lifecycle management

#### ILM policies and rules

#### Policy tags

#### Storage pools, storage grades, and regions

#### Configuring ILM policies

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### Module 5: Managing client connections

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

### 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

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

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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

Exercises:

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Module 7: Monitoring the StorageGRID system

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

Exercises:

- Exploring StorageGRID Grid Manager
- Creating and managing StorageGRID administrator accounts

metadata

- Configuring Gateway Nodes
- Managing access to S3 buckets
- Managing alerts
- Viewing StorageGRID reports
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### 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/)