Enterprise Computing Solutions - Education Services

TRAINING OFFERING

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StorageGRID Administration

CODE:	LENGTH:	PRICE:
NEP_SG-WS-ADM	24 Hours (3 days)	€3,060.00

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.

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

Audience

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

Prerequisites

StorageGRID Fundamentals

Programme

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

Module 3: Storage tenant administration

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

Exercises:

- Managing tenant accounts
- Using S3 tenant accounts

Module 4: Information lifecycle management

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

Exercises:

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

Module 5: Managing client connections

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

Exercises:

- Configuring Gateway Nodes

Module 6: S3 bucket administration

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

Exercises:

- Managing access to S3 buckets

Module 7: Monitoring the StorageGRID system

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

Exercises:

- Managing alerts
- Viewing StorageGRID reports
- Managing audit logs

Module 8: StorageGRID maintenance

- StorageGRID AutoSupport

- Managing StorageGRID services
- Maintenance procedures
- StorageGRID software upgrades

Exercises:

- Performing grid maintenance tasks

Module 9: Integrating a StorageGRID system

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

Exercises:

- Configuring Cloud Storage Pools

Test and Certification

Session Dates

On request. Please Contact Us

Additional Information

This training is also available as onsite training. Please contact us to find out more.