



NETAPP LEARNING SERVICES

StorageGRID Fundamentals

Delivery: Web-based training (WBT)

Duration: 1 hour

Course Description

Explore the features and benefits of the NetApp® StorageGRID® object-based storage solution. Examine the architecture and functionality of a StorageGRID system and the basic administration, configuration, and management of the solution.

Role

Administrator, engineer, and architect

Sales, customer success manager, solutions engineer (SE), architect, support engineer, implementation engineer, and professional services

Prerequisites

- Basic knowledge of storage networking (recommended)
- *Introduction to StorageGRID*

Objectives

This course focuses on enabling you to do the following:

- Identify the components of the StorageGRID system
- Discover the deployment topologies and appliances
- Examine the management methods and interfaces
- Explore how the StorageGRID system manages objects

Course Content

This course includes the following lessons and topics:

Lesson	Topics
Lesson 1: Welcome	<ul style="list-style-type: none">• StorageGRID Fundamentals• Course modules
Lesson 2: What is StorageGRID?	<ul style="list-style-type: none">• Introducing StorageGRID• What is StorageGRID?• Integration of StorageGRID with NetApp portfolio• Key benefits• Objects• Tenants• StorageGRID grid• Storage pools, storage grades, sites, and regions• Client application access• NAS access to StorageGRID
Lesson 3: Architecture and network topology	<ul style="list-style-type: none">• Architecture and network topology• Network topology• System architecture
Lesson 4: Information lifecycle management	<ul style="list-style-type: none">• Information lifecycle management• Information lifecycle management• Module summary
Lesson 5: Knowledge check	<ul style="list-style-type: none">• Check your understanding• Question 1• Question 2

<p>Lesson 6:</p> <p>Grid nodes and services</p>	<ul style="list-style-type: none"> • Deploying the StorageGRID system • Grid nodes and services • Introduction
<p>Lesson 7:</p> <p>Deployment options</p>	<ul style="list-style-type: none"> • Deployment options • Deployments under a shared management interface • Storage appliance data encryption
<p>Lesson 8:</p> <p>StorageGRID appliances</p>	<ul style="list-style-type: none"> • StorageGRID appliances • Storage appliances • Service appliances • Module summary
<p>Lesson 9:</p> <p>Knowledge check</p>	<ul style="list-style-type: none"> • Check your understanding • Question 1 • Question 2
<p>Lesson 10:</p> <p>Management methods</p>	<ul style="list-style-type: none"> • Managing a StorageGRID system • Management methods • Management methods • Management interfaces
<p>Lesson 11:</p> <p>Grid Manager</p>	<ul style="list-style-type: none"> • Grid Manager • Grid Manager interface: Log in • Grid Manager dashboard
<p>Lesson 12:</p> <p>Tenant Manager</p>	<ul style="list-style-type: none"> • Tenant Manager • Tenant accounts • Tenant Manager interface: Log in • Tenant Manager dashboard • Setup wizards for S3 applications and FabricPool clients

<p>Lesson 13:</p> <p>Monitoring</p>	<ul style="list-style-type: none"> • Monitoring • Monitoring capabilities • Grafana and Prometheus metrics • Module summary
<p>Lesson 14:</p> <p>Knowledge check</p>	<ul style="list-style-type: none"> • Check your understanding • Question 1 • Question 2
<p>Lesson 15:</p> <p>Manage objects</p>	<ul style="list-style-type: none"> • Manage objects and tenants • Manage objects • The life of an object
<p>Lesson 16:</p> <p>Manage tenants</p>	<ul style="list-style-type: none"> • Manage tenants • S3 buckets • Platform services • S3 Console • Cross-grid replication • Module summary
<p>Lesson 17:</p> <p>Knowledge check</p>	<ul style="list-style-type: none"> • Check your understanding • Question 1 • Question 2
<p>Lesson 18:</p> <p>Resources</p>	<ul style="list-style-type: none"> • Resources • Course summary • Thank you

Course ID: STRSW-WBT-SGWSFUND
16 August 2024