StorageGRID Software Troubleshooting

Cursusduur: 3 Dagen Cursuscode: NEP_SG-TS Trainingsmethode: Virtual Learning

Beschrijving:

English - Please note this course is only available in English.
Nederlands - Let op: deze training is alleen in het Engels beschikbaar.
Franais - Veuillez noter que ce cours est uniquement disponible en anglais.
In this course, students learn troubleshooting skills to support the implementation and lifecycle management of NetApp StorageGRID software. Through theoretical explanations and hands on exercises, delegates will learn to control the architecture, option, services and features of the StorageGRID system

Students will also learn about the security and authentication mechanisms, logging and monitoring resources and Apache Cassandra implementation. Additionally, the processes to expand and upgrade the system, FabricPool technology plus investigating Simple Storage Services (S3) issues.

Virtueel en Klassikaal™

Virtueel en Klassikaal™ is een eenvoudig leerconcept en biedt een flexibele oplossing voor het volgen van een klassikale training. Met Virtueel en Klassikaal™ kunt u zelf beslissen of u een klassikale training virtueel (vanuit huis of kantoor)of fysiek op locatie wilt volgen. De keuze is aan u! Cursisten die virtueel deelnemen aan de training ontvangen voor aanvang van de training alle benodigde informatie om de training te kunnen volgen.

Doelgroep:

Professionals & Engineers who use or implement StorageGRID solutions (from all audience types). Supporting the following job roles..

Systems Administrators
System Operators
System Engineers

Doelstelling:

- • Understand the networking architecture of a StorageGRID deployment
- • Describe the load-balancing features of StorageGRID
- • Review the StorageGRID services and ports
- • Understand the impact of the StorageGRID options
- • Understand the Cassandra implementation in StorageGRID
- • Review the StorageGRID security and authentication mechanisms
- • Define the StorageGRID logging and monitoring resources
- • Review the expansion and upgrade processes
- • Examine FabricPool technology with StorageGRID
- • Investigate S3 issues with StorageGRID

Vereiste kennis en vaardigheden:

• 6 to 12 months of StorageGRID experience

• The NetApp StorageGRID Implementation Engineer accreditation (see NetApp Accreditation link below)

• Good knowledge of Simple Storage Service (S3)

• StorageGRID Troubleshooting Essentials (via NetApp Learning Center link below)

• DataStax DS101 and DS201 training courses

Cursusinhoud:

Module 1:StorageGRID networking

StorageGRID network topology

Exercises

Examining StorageGRID network architecture

Module 2:StorageGRID software concepts

• Grid node services

• Managing node services

• StorageGRID configuration options

Exercises

Exploring nodetool commands

Module 3:StorageGRID logging and monitoring

• StorageGRID service log files

• StorageGRID audit logging

• Log analysis

• Log forwarding

Exercises

Managing StorageGRID logs

Module 4: Troubleshooting Cassandra

• Cassandra fundamentals

• Cassandra startup

• Nodetool

Exercises

Examining Cassandra fundamentals

Module 5:TroubleshootingStorageGRID decommission,expansion and upgrade

• StorageGRID decommissioning

• StorageGRID expansion process and issues

• StorageGRID major version upgrade

Exercises

Decommissioning and upgrading

Module 6: StorageGRID authentication and user management

• StorageGRID authorization and authentication

• StorageGRID multitenancy implementation

Exercises

Configuring StorageGRID authentication

Module 7:Troubleshooting StorageGRID security issues

• StorageGRID security

• StorageGRID system hardening

• Certificate-related Issues

Exercises

Troubleshooting StorageGRID authorization

Module 8:StorageGRID performance troubleshooting

• StorageGRID performance factors

• Identify performance bottlenecks

Exercises

Examining StorageGRID performance details

Module 9:ONTAP FabricPool with StorageGRID

• FabricPool object store

• Investigate object store unavailability

• Troubleshooting connection issues

• Object store access issues

Exercises

Troubleshooting ONTAP FabricPool technology

Module 10:Troubleshoot S3 client and application issues

• Troubleshoot S3 request failures

• S3 request logging

Nadere informatie:

Neem voor nadere informatie of boekingen contact op met onze Customer Service Desk 030 - 60 89 444

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