Nutanix Data Services Administration

Cursusduur: 2 Dagen   Cursuscode: NDSA

Beschrijving:

This course teaches you the administrative skills needed to install, configure, manage, and upgrade three different Nutanix storage solution products:
Nutanix Files - As part of this module, you will set up and manageNutanix Files, a software-defined, scale-out file storage solution that provides a repository for unstructured data, such as home directories and departmental shares.
Nutanix Volumes - You will learn how Nutanix Volumes provides file storage for your physical workloads, with the same simplicity as virtualized workloads, consolidating infrastructure into a single unified platform.
Nutanix Objects - Nutanix Objects allows you to build a simple, secure, and scale-out stack. We show you how easy it is to spin up the Nutanix Objects service in a few simple steps.

Doelgroep:

Customers and systems operators that want to learn how to manage file, block, and object storage using Nutanix Files, Nutanix Volumes, and Nutanix Objects.IT administrators and business leaders who manage Nutanix clusters in the datacenter and want a detailed deep dive into Nutanix storage administration.Anyone pursuing Nutanix Certified Professional – Data Services (NCP-DS) certification.

Vereiste kennis en vaardigheden:

- This course requires basic system administration knowledge, acquired through training or hands-on experience.
- You should be familiar with Nutanix storage concepts, be able to create a VM through the Nutanix web console (Prism), and know how to run commands from the command line interface (CLI).
- If you do not have these skills, we recommend taking the Nutanix Hybrid Cloud Fundamentals (NHCF) class first.

Cursusinhoud:

1: Installing and Configuring Nutanix Files

- Introduction to Nutanix Files
- Architecting and Sizing Nutanix Files Environments
- Installing Nutanix Files
- The File Server Dashboard
- Configuring Nutanix Files

2: Managing, Upgrading, and Monitoring Nutanix Files

- Managing Nutanix Files
- Using Files Analytics
- Monitoring Performance and Usage
- Upgrading Nutanix Files

3: Analyzing and Optimizing Nutanix Files

- Understanding the Nutanix Files High Availability Process
- Troubleshooting Nutanix Files issues

4: Installing and Configuring Nutanix Volumes

- Understanding When to Use Nutanix Volumes
- Architecting and Sizing Nutanix Volumes Environments
- Deploying Nutanix Volumes
- Configuring Nutanik Volumes

5: Managing, Upgrading, and Monitoring Nutanix Volumes

- Failover and Fallback Processes
- Understanding Storage Management and Using the Storage Dashboard
- Modifying a Volume Group

6: Analyzing and Optimizing Nutanix Volumes

- Firewal Settings
- IQNs/Allowlists
- ISCSI Timeout Sessions
- Troubleshooting Capacity

7: Deploying and Configuring Nutanix Objects

- Introduction to Nutanix Objects
- Enabling Nutanix Objects
- Architecting and Sizing Nutanix Objects
- Deploying and Configuring Nutarix Objects
- Configuring Bucket Policies

8: Managing, Upgrading, and Monitoring Nutanix Objects

- Managing Directories and API Keys
- Managing the Object Store
- Managing a Bucket
- Upgrading Nutanix Objects Using LCM
- Monitoring Nutanix Objects
- Replication with Nutanix Objects

9: Analyzing and Troubleshooting Nutanix Objects

- Troubleshooting issues with Cluster Deployment. Read/Write. Upgrades. Objects/MSP Cluster using CLI Commands

Log Collection for Nutanix Objects

Nadere informatie:

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

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