

Integrating Hybrid Clouds with Google Cloud

Cursusduur: 2 Dagen Cursuscode: NEP_IHCGC

Beschrijving:

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 to implement a hybrid cloud solution with Google Cloud by using NetApp® Cloud Volumes ONTAP® and how to connect a Virtual Private Cloud (VPC) and an on-premises data center to unify your infrastructure

Use NetApp Blue XP to move data and manage storage in the hybrid cloud and learn how NetApp cloud services integrate into Blue XP to provide enhanced data protection, security and compliance.

Learn to optimize capacity and performance of Cloud Volumes ONTAP

Doelgroep:

NetApp Customers, Partners & Employees in the following roles..

Systems Administrator
Systems Operator
Cloud Architect
Enterprise Architect
Integration Developer

Doelstelling:

- Create a VPN connection between a public cloud network VPC and the on-premises data center
 - Deploy a connector in the public cloud
 - Deploy Cloud Volumes ONTAP in both a single-node and high-availability (HA) configuration
 - Use NetApp BlueXP to administer NetApp Cloud Volumes ONTAP
 - Review data protection options of NetApp Cloud Volumes ONTAP
 - Analyze data tiering option from on-premises to cloud
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Vereiste kennis en vaardigheden:

Previous knowledge of Google Cloud and cloud computing concepts including: subscriptions, VPC, virtual machines

(VMs), Google Cloud buckets, Classless Inter-Domain Routing (CIDR), and Network address translation (NAT).

Additionally, attendance on the IHCF - Integrating Hybrid Clouds Foundation 1 day course

Cursusinhoud:

Module 1: Google Cloud Essential Concepts	Module 3: Deploying a Connector	• Provisioning storage review
• Google Cloud networking and other concepts	• Connector review	Exercises
• Terraform introduction	Exercises	• Using BlueXP for Basic Administration of Cloud Volumes ONTAP
Exercises	• Deploying a Connector	• Administering BlueXP with RBAC
• Controlling Cloud Resources with CLI	Module 4: NetApp Cloud Volumes ONTAP	Module 6: Protection
• Controlling NetApp ONTAP (On-Premises) Resources with NetApp PowerShell Toolkit	• Cloud Volumes ONTAP use cases	• Backup, Archive and Disaster Recovery
• Configuring Resources in Google Cloud Using Terraform	• Cloud Volumes ONTAP architecture	• Ransomware Protection
• Reviewing Resources Using Google Cloud Console	• Deploying Cloud Volumes ONTAP	Exercises
• Verifying Connectivity to the VMs	• Cloud Volumes ONTAP supported features	• Using Snapshot Protection
Module 2: Network Connectivity Options in Google Cloud	Exercises	• Configuring and Managing Disaster Recovery in the Data Fabric
• Google Cloud virtual public cloud connectivity to an on-premises network	• Deploying a Single-Node Cloud Volumes ONTAP Instance with NFS	Module 7: Tiering
Exercises	• Creating an SMB volume and accessing it from an SMB Client	• Data tiering from on-premises to Google Cloud
• Connecting Google Cloud VPC to an On-Premises Network	• Deploying a Cloud Volumes ONTAP HA Pair	Exercises
• Configuring On-Premises DNS for Google Cloud (Optional)	• Performing Failover and Failback of the HA Pair of Nodes	• Tiering Data to Google Cloud Storage
• Joining a Google Cloud VM to Active Directory in On-Premises Environment (Optional)	Module 5: Administration	

Nadere informatie:

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

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