

## ***ST198c-EN Integrating Hybrid Clouds with Google Cloud***

### **Kurzbeschreibung:**

In the training **ST198c-EN Integrating Hybrid Clouds with Google Cloud** you learn to implement a hybrid cloud solution with Google Cloud by using NetApp® Cloud Volumes ONTAP®. Connect a Virtual Private Cloud (VPC) and an on-premises data center to unify your infrastructure. Use NetApp BlueXP™ to move data and manage storage in the hybrid cloud. Learn about how NetApp cloud services are integrated into BlueXP™ to provide enhanced data protection, security, and compliance. Learn to optimize capacity and performance of Cloud Volumes ONTAP.

### **Zielgruppe:**

- Systems Administrators
- Operators
- Cloud Architects
- Enterprise Architects
- Integration Developers

### **Voraussetzungen:**

For a successful learning experience, we recommend that you have knowledge of the following concepts before you attend the course:

- Participation in the course **ST195c-EN Integrating Hybrid Clouds Foundation**
- 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).

### **Sonstiges:**

**Dauer:** 2 Tage

**Preis:** 1980 Euro plus Mwst.

### **Ziele:**

The course **ST198c-EN Integrating Hybrid Clouds with Google Cloud** focuses on enabling you to do the following:

- 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

## Inhalte/Agenda:

- **◆ Module 1: Google Cloud Essential Concepts**
  - ◆ ◇ Google Cloud networking and other concepts
  - ◆ ◇ Terraform introduction
  
- **◆ Module 2: Network Connectivity Options in Google Cloud**
  - ◆ ◇ Google Cloud virtual public cloud connectivity to an on-premises network
  
- **◆ Module 3: Deploying a Connector**
  - ◆ ◇ Connector review
  
- **◆ Module 4: NetApp Cloud Volumes ONTAP**
  - ◆ ◇ Cloud Volumes ONTAP use cases
  - ◆ ◇ Cloud Volumes ONTAP architecture
  - ◆ ◇ Deploying Cloud Volumes ONTAP
  - ◆ ◇ Cloud Volumes ONTAP supported features
  
- **◆ Module 5: Administration**
  - ◆ ◇ Provisioning storage review
  
- **◆ Module 6: Protection**
  - ◆ ◇ Backup, Archive and Disaster Recovery
  - ◆ ◇ Ransomware Protection
  
- **◆ Module 7: Tiering**
  - ◆ ◇ Data tiering from on-premises to Google Cloud