

## ***ST197c-EN Integrating Hybrid Clouds with Amazon Web Services***

### **Kurzbeschreibung:**

Learn to implement a hybrid cloud solution with Amazon Web Services (AWS) 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 how NetApp cloud services are integrated into BlueXP™ to provide enhanced data protection, security, and compliance. Learn how to optimize the 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 AWS and cloud computing concepts such as subscriptions, VPC, virtual machines (VMs), Amazon Simple Storage Service (Amazon S3), Classless Inter-Domain Routing (CIDR), and network address translation (NAT)

### **Sonstiges:**

**Dauer:** 2 Tage

**Preis:** 1980 Euro plus Mwst.

### **Ziele:**

The course **ST197c-EN Integrating Hybrid Clouds with Amazon Web Services** focuses on enabling you to do the following:

- Create a VPN connection between a public cloud network VPC and an 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 BlueXP™ to administer Cloud Volumes ONTAP
- Explore data protection options of Cloud Volumes ONTAP
- Analyze data tiering options from on premises to cloud

#### Inhalte/Agenda:

- **◆ Module 1: AWS Cloud essential concepts**
  - ◆ ◇ AWS networking and other concepts
  - ◆ ◇ AWS CloudFormation
- **◆ Module 2: Network connectivity options in AWS**
  - ◆ ◇ AWS VPC connectivity to an on-premises network
- **◆ Module 3: Deploy a connector**
  - ◆ ◇ Connector review
- **◆ Module 4: Cloud Volumes ONTAP**
  - ◆ ◇ Architecture review
  - ◆ ◇ Deployment
  - ◆ ◇ High-availability review
- **◆ Module 5: Administration**
  - ◆ ◇ Administering Cloud Volumes ONTAP
- **◆ Module 6: Protection**
  - ◆ ◇ Backup, archive, and disaster recovery
  - ◆ ◇ Ransomware protection
- **◆ Module 7: Tiering**
  - ◆ ◇ Data tiering from on-premises to Amazon S3
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