

CompTIA Cloud+ (CLOUD+)

ID CLOUD+ Preis auf Anfrage Dauer 5 Tage

Voraussetzungen

Folgende Vorkenntnisse werden empfohlen (nicht verpflichtend):

- Zertifizierung in CompTIA Network+ und/oder CompTIA Storage+ Powered by SNIA
- mindestens 24 Monate Arbeitserfahrung in IT Networking, Netzwerkspeicher oder Datacenter Administration

Kursziele

Sie lernen, Cloud-Technologien und -Infrastrukturen zu implementieren, pflegen und bereitzustellen. Sie entwickeln ein Verständnis der Aspekte der IT-Security und Best Practices aus der Branche bezogen auf Cloud-Implementierungen und Virtualisierung:

- Cloud Konzepte und Modelle
- Virtualisierung
- Cloud Infrastruktur
- Ressourcenmanagement
- Sicherheit
- System Management
- Business Continuity in der Cloud

Kursinhalt

1.0 Cloud Concepts and Models

- Compare and contrast cloud services.
- Compare and contrast cloud delivery models and services.
- Summarise cloud characteristics and terms.
- Explain object storage concepts.

2.0 Virtualisation

- Explain the differences between hypervisor types.
- Install, configure, and manage virtual machines and devices.
- Given a scenario, perform virtual resource migration.
- Explain the benefits of virtualisation in a cloud environment.
- Compare and contrast virtual components used to construct a cloud environment.

3.0 Infrastructure

- Compare and contrast various storage technologies.
- Explain storage configuration concepts.
- Execute storage provisioning.
- Given a scenario, implement appropriate network configurations.
- Explain the importance of network optimisation.
- Given a scenario, troubleshoot basic network connectivity issues.
- Explain common network protocols, ports, and topologies.
- Explain common hardware resources and features used to enable virtual environments.

4.0 Network Management

- Given a scenario, implement and use proper resource monitoring techniques.
- Given a scenario, appropriately allocate physical (host) resources using best practices.
- Given a scenario, appropriately allocate virtual (guest) resources using best practices.
- Given a scenario, use appropriate tools for remote access.

5.0 Security

- Explain network security concepts, tools, and best practices.
- Explain storage security concepts, methods, and best practices.
- Compare contrast different encryption technologies and methods.
- Identify access control methods.
- Implement guest and host hardening techniques.

6.0 Systems Management

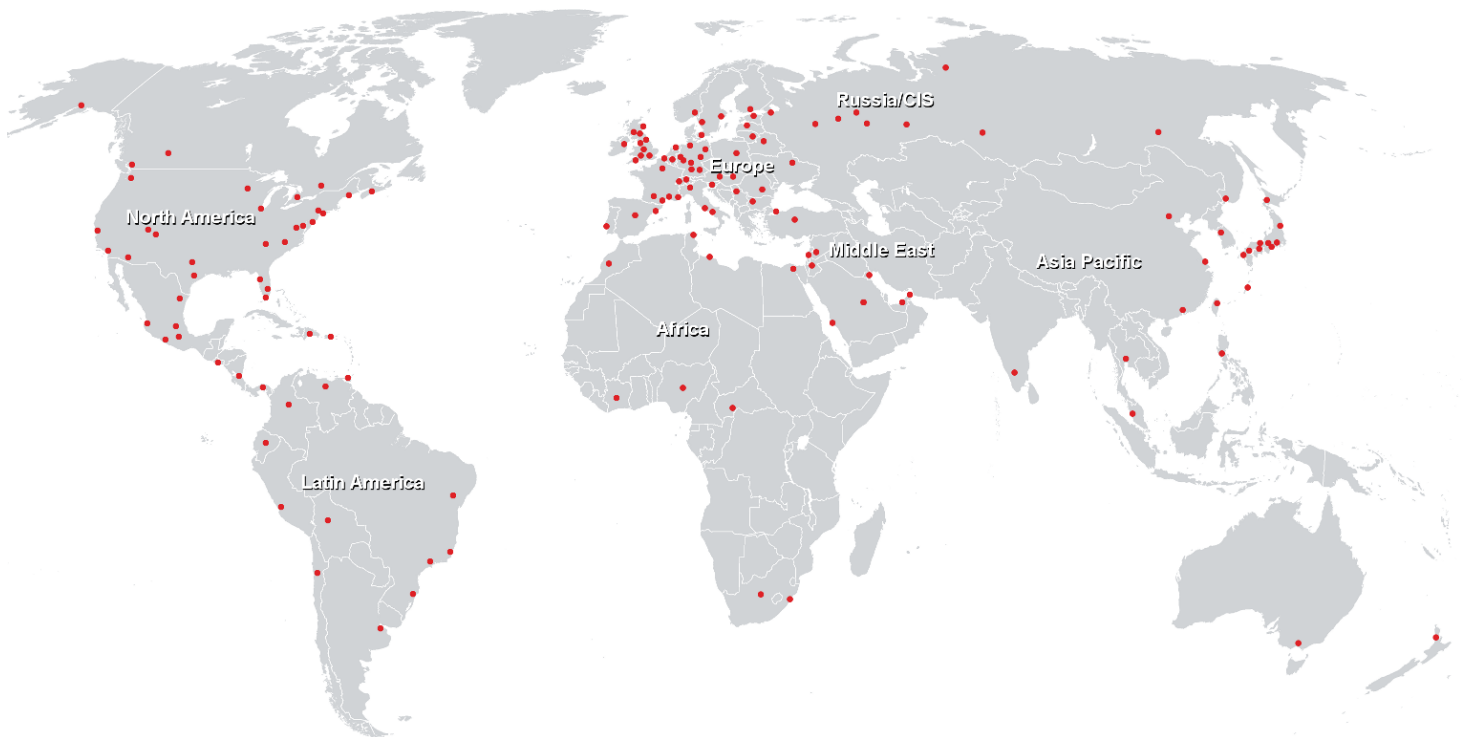
- Explain policies and procedures as they relate to a cloud environment.
- Given a scenario, diagnose, remediate and optimise physical host performance.
- Explain common performance concepts as they relate to the host and the guest.
- Implement appropriate testing techniques when deploying cloud services.

7.0 Business Continuity in the Cloud

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- Compare and contrast disaster recovery methods and concepts.
- Deploy solutions to meet availability requirements.

Weltweite Trainingscenter



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