9 Days | # CompTIA Cloud+

The CompTIA Cloud+ Training has been designed for experienced cloud administrators and developers who want to enhance their skill set in cloud computing and virtualization.

In today's world of digitization, 70% of corporates are moving their business to cloud and as a matter of fact, adhering to cloud models, companies have smoothened their operations, increased productivity and reduced costs.

The Cloud+ Certification sets global standards of recognition to cloud developers and system engineers in validating their competencies to implement and maintain cloud technologies. The main Objective of this course is to equip professionals with several concepts such as cloud models, infrastructure, virtualization, security, resource management and business continuity.

The certification also holds its compliance to the ISO 17024 standards.

The individual has to appear for the Exam CVO-001 to earn the Cloud+ Credentials.

Course Details

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Course Outline

1.0 Cloud Concepts and Models

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

2.0 Virtualization

- Explain the differences between hypervisor types.
- Perform virtual resource migration
- Install, configure and manage virtual machines and devices
- Explain the benefits of virtualization 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.
- Implement appropriate network configurations
- Troubleshoot basic network connectivity issues.
- Explain the importance of network optimization.
- Explain common network protocols, ports, and topologies.
- Explain common hardware resources and features used to enable virtual environments.

4.0 Resource Management

- Use appropriate tools for remote access.
- Appropriately allocate physical (host) resources using best practices.
- Appropriately allocate virtual (guest) resources using best practices.
- Implement and use proper resource monitoring techniques.

5.0 Security

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

6.0 Systems Management

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

7.0 Business Continuity in the Cloud

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

Who Should Attend

The CompTIA Cloud+ training course is ideal for:

- Systems and Network Administrators
- Cloud Developer
- Cloud Specialist

Pre Requisite

- At least 24 to 36 months of working experience in networking, storage or IT data center administration.
- Acquaintance of any major hypervisor technologies for server virtualization.

Exams

CompTIA Cloud+ [CV0-001]

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