CompTIA Cloud⁺ CV0-004

Duration: 5 Days

Course Content

CompTIA Cloud+ is a global certification that validates the skills needed to deploy and automate secure cloud environments that support the high availability of business systems and data.

CompTIA Cloud+ is the only performance-based IT certification that views cloud-based infrastructure services in the context of broader IT systems operations regardless of the platform. Migrating to the cloud presents opportunities to deploy, optimize, and protect mission critical applications and data storage. CompTIA Cloud+ validates the technical skills needed to secure these valuable assets.

The reality of operating multicloud environments poses new challenges. CompTIA Cloud+ is ideal for cloud engineers who need to have expertise across multiple products and systems.

CompTIA Cloud+ is the only cloud focused certification approved for DoD 8570.01-M, offering an infrastructure option for individuals who need to certify in IAM Level I, CSSP Analyst and CSSP Infrastructure Support roles.

Prerequisites

- CompTIA Network+ and Server+ and 2-3 years of experience in systems administration or networking.

Course Objectives

- Cloud Architecture & Design
  Analyze the different cloud models to design the best solution to support business requirements.
- Cloud Security
  Manage and maintain servers, including OS configurations, access control and virtualization.
- Cloud Deployment
  Analyze system requirements to successfully execute workload migrations to the cloud.
- Operations & Support
  Maintain and optimize cloud environments, including proper automation and orchestration procedures, backup and restore operations, and disaster recovery tasks.
- Troubleshooting
  Troubleshoot capacity, automation, connectivity and security issues related to cloud implementations.

Who Should Attend

- Senior Systems Administrator
- Senior Network Administrator
- Senior Network Engineer
- Systems Engineer
- Cloud Engineer
- Cloud Specialist
- Cloud Project Manager

Course Outline

1. Understanding Cloud Architecture Concepts
2. Planning Cloud Services
3. Provisioning and Migrating Cloud Resources
4. Comparing Cloud Storage
5. Troubleshooting Deployment Issues and Cost
6. Using Virtualization and Databases
7. Comprehending Cloud Networking
8. Automating Cloud Resources
9. Implementing Security Management
10. Comprehending Security Compliance and Troubleshooting
11. Implementing Performance and Monitoring
12. Managing Disaster Recovery and Business Continuity