

CompTIA Cloud+ Certification

Duration 5 Days

Course Overview

The CompTIA Cloud+ course will help the student with the knowledge and best practices required of IT practitioners working in cloud computing environments and who must understand and deliver cloud infrastructure.

Who Should Attend

This course is intended for experienced computer support professionals with a working knowledge of computer hardware, software, and operating systems to prepare for the CompTIA® Cloud+® (Exam CV0-002), or who wish to increase their knowledge and understanding of cloud technologies and acquire the required skills to prepare for a career in in that field.

Course Outline

1 - Cloud Computing Concepts, Models and Terminology

- Cloud Service Models
- Cloud Delivery Models and Services
- Cloud Characteristics and Terms
- Object Storage Concepts

2 - Disk Storage Systems

- Disk Types and Configurations
- Tiering
- RAID

- File System Types

3 - Storage Networking

- Storage Technologies
- Access Protocols and Applications
- Storage Provisioning

4 - Network Infrastructure

- Network Types
- Network Optimization
- Routing and Switching
- Network Ports and Protocols

5 - Virtualization Components

- Hypervisor
- Virtualization Host
- Virtual Machine

6 - Virtualization and the Cloud

- Benefits of Virtualization in a Cloud Environment
- Virtual Resource Migrations
- Migration Considerations

7 - Network Management

- Resource Monitoring Techniques
- Remote Access Tools

8 - Performance Tuning

- Host Resource Allocation
- Virtual Machine Resource Allocation
- Optimizing Performance

9 - Systems Management

- Policies and Procedures
- Systems Management Best Practices

10 - Testing and Troubleshooting

- Testing Techniques
- Troubleshooting and Tools

11 - Security in the Cloud

- Network Security: Best Practices
- Data Security
- Access Control Methods

12 - Business Continuity and Disaster Recovery

- Disaster Recovery Methods
- High Availability