



The CompTIA Cloud+ is course is designed to equip you with the skills needed to pass the CompTIA Cloud+ CV0-004 exam and earn your certification. With topics ranging from designing secure and compliant cloud infrastructures to analyzing workload characteristics and troubleshooting connectivity issues, this training will prepare you to become a pro at managing workload migrations and ensuring cloud security.

Course Modules:

1. Preparing to Deploy Cloud Solutions
2. Deploying a Pilot Project
3. Testing Pilot Project Deployments
4. Designing a Secure and Compliant Cloud
5. Designing and Implementing a Secure Cloud Environment
6. Planning Identity and Access Management for Cloud Deployments
7. Determining CPU and Memory Sizing for Cloud
8. Determining Storage Requirements for Cloud Deployments
9. Analyzing Workload Characteristics to Ensure Successful Migration
10. Maintaining Cloud Systems
11. Implementing Backup, Restore, Disaster Recovery, and Business Continuity Measures
12. Analyzing Cloud Systems for Performance
13. Analyzing Cloud Systems for Anomalies and Growth Forecasting
14. Troubleshooting Deployment, Capacity, Automation, and Orchestration Issues
15. Troubleshooting Connectivity Issues

Scope

- Duration: 5 days
- Format: Lecture, demo and hands-on labs

Certification Exam

- Exam Code: CV0-004
- Number of questions: maximum of 90, including multiple-choice and performance-based questions
- Duration: 90 minutes
- Languages: Passing score: 750 (on a scale of 100-900)
- Exam not included in this course

Objectives

In this course, you will learn how to:

- Evaluate and implement standard deployments.
- Implement, maintain, and deliver cloud technologies to create cloud solutions.
- Manage workload migrations.
- Manage cloud vendors to control costs.
- Use automation and orchestration to bring business value from cloud solutions.
- Ensure the security of cloud implementations using cybersecurity best practices.
- Deploy and test a pilot project.
- Plan Identity and Access Management for cloud deployments.
- Analyze workload characteristics to ensure a successful migration to the cloud.
- Secure systems to meet access requirements.
- Analyze cloud systems for anomalies, growth forecasting, and required performance.
- Troubleshoot deployment, capacity, automation, connectivity, security, and orchestration issues.
- Continue learning and face new challenges with after-course one-on-one instructor coaching.

Target Audience:

This course is ideal for professionals who design, deploy, and manage cloud systems, including:

- Cloud Engineers and Specialists
- Systems and Network Administrators
- DevOps Engineers and IT Infrastructure Staff
- Security Engineers working with cloud technologies

Prerequisites:

- CompTIA Network+ and Security+ certifications or equivalent knowledge.
- 2–3 years of experience in system administration, networking, or data center operations.
- Familiarity with virtualization technologies, scripting, and basic cloud service models.