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**Learning Style: On Demand**

**Provider: CompTIA**

**Difficulty: Beginner**

**Course Duration: 7 Hours**

## CompTIA Cloud+ (CV0-003)



### About this Course:

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.

## Course Objectives:

- About planning and deployment of a successful cloud system, how to view cloud deployment models and their network interactions, and how to evaluate computer resources required for successful cloud implementation
- How to test an environment before cloud deployment and how to migrate and integrate cloud services
- About security controls and about cryptography and its uses
- About data security and how to use security automation tools and techniques
- About cloud updates and patching, about cloud backup, and how to schedule and perform cloud maintenance
- About disaster planning and recovery
- About cloud resource provisioning and how to run performance analyses
- How to allocate compute resources and monitor resource usage
- About the troubleshooting process, about deployment and capacity troubleshooting, and how to troubleshoot automation issues
- How to troubleshoot network issues and about security troubleshooting

## Course Outline:

This Course Includes:

- Course Introduction
- Lesson 1: Understanding Cloud Concepts
- Lesson 2: Planning and Designing a Cloud Environment
- Lesson 3: Administering Cloud Resources
- Lesson 4: Managing Cloud Storage
- Lesson 5: Managing Networks in the Cloud
- Lesson 6: Securing and Troubleshooting Networks in the Cloud
- Lesson 7: Managing Cloud Migrations and Troubleshooting Cloud Deployments
- Lesson 8: Managing Cloud Automation and Orchestration
- Lesson 9: Understanding Cloud Security Concepts
- Lesson 10: Managing Cloud Security
- Lesson 11: Managing Cloud Performance
- Lesson 12: Managing Maintenance in the Cloud
- Lesson 13: Implementing High Availability and Disaster Recovery in the Cloud

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