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**Learning Style: Virtual Classroom**

**Technology: CompTIA**

**Difficulty: Intermediate**

**Course Duration: 5 Days**

## CompTIA Cloud+ (CV0-004)



### 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:**

**Module 1 : Understanding Cloud Architecture Concepts**

**Module 2: Planning Cloud Services**

**Module 3: Provisioning and Migrating Cloud Resources**

**Module 4: Comparing Cloud Storage**

**Module 5: Troubleshooting Deployment Issues and Cost**

**Module 6: Using Virtualization and Databases**

**Module 7: Comprehending Cloud Networking**

**Module 8: Automating Cloud Resources**

**Module 9: Implementing Security Management**

**Module 10: Comprehending Security Compliance and Troubleshooting**

**Module 11: Implementing Performance and Monitoring**

**Module 12: Managing Disaster Recovery and Business Continuity**

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