



**REAL WORLD**  
TECHNOLOGY TRAINING & SOLUTIONS  
"Training You Can Really Use"

# CompTIA Cloud+

**Duration: 5 Days**

**Method: Instructor-Led Training (ILT) | Live Online Training**

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**Certification:** *CompTIA Cloud+*

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## Course Description

With ninety-four percent (94%) of enterprises relying on cloud infrastructure and the rapid growth of hybrid cloud adoption, it is essential for technical professionals to possess the skills needed to manage and secure cloud environments across multiple platforms. This certification course validates practical, hands-on expertise in deploying, maintaining, and troubleshooting cloud systems in real-world settings. It explores critical areas such as cloud architecture, performance monitoring, automation, and security, supporting career advancement in cloud infrastructure and operations roles.

## Target Audience

This course is intended for:

- IT professionals who wish to develop cloud computing skills to enable them to move IT workloads to the cloud and integrate products and services from different providers and industries.
- Persons who are preparing to take the certification exam, or who plan to use Cloud+ as the foundation for more advanced cloud certifications or career roles.

## Prerequisites

To attend this course, candidates must have:

- **Four to five** (4-5) years total IT experience, including **two to three** (2-3) years as a systems administrator or cloud engineer.



**Microsoft** Partner

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## Exam Details

<b>Exam Code:</b>	• CV0-004
<b>Length of Exam:</b>	• 90 Minutes
<b>Number of Questions:</b>	• 90
<b>Passing Score:</b>	• 750
<b>Question Format:</b>	• Multiple-Choice and Performance-Based

## Course Objectives

Upon successful completion of this course, attendees will be able to:

- Prepare to deploy cloud solutions.
- Deploy a pilot project.
- Test a pilot project deployment.
- Design a secure network for cloud deployment.
- Determine CPU and memory sizing for cloud deployments.
- Determine storage requirements for cloud deployments.
- Plan Identity and Access Management for cloud deployments.
- Analyse workload characteristics to ensure successful migration to the cloud.
- Secure systems to meet access requirements.
- Maintain cloud systems.
- Implement backup, restore, and business continuity measures.
- Analyse cloud systems for required performance.
- Analyse cloud systems for anomalies and growth forecasting.
- Troubleshoot deployment, capacity, automation, and orchestration issues.
- Troubleshoot connectivity issues.
- Troubleshoot security issues.



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## Course Topics

### Module 1: Virtualization Requirements

- Requirements and Planning for Successful System Deployment
- Virtual Network Considerations
- Computer Resources

### Module 2: Deployment and Migration

- Environment Testing Techniques
- Cloud Integration and Migration

### Module 3: Security Policies and Compliance

- Security Controls
- Cryptography and the Cloud
- Applying Cryptography

### Module 4: Data and Environment Security

- Data Security
- Security Automation

### Module 5: Environment Maintenance

- Cloud Updates and Patching
- Cloud Backup
- Cloud Environment Maintenance

### Module 6: Disaster Recovery and Business Continuity

- Business Continuity

### Module 7: Managing Virtual Environments

- Cloud Resource Provisioning
- Performance Analysis

### Module 8: Managing Compute Resources

- Allocating Compute Resources
- Monitoring Resource Usage

### Module 9: Deployment Troubleshooting

- The troubleshooting Process
- Deployment and Capacity Troubleshooting
- Automation Troubleshooting

### Module 10: Infrastructure Troubleshooting

- Network Troubleshooting
- Security Troubleshooting

## LABS INCLUDED



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