

CompTIA Cloud+



Duration 5 Days

COURSE DESCRIPTION

This course covers in depth the skills and abilities needed to operate in the cloud, validating that candidates have the technical experience needed to deploy, secure, and automate environments regardless of the vendor solution.

COURSE OBJECTIVES

After completion of this course you will be able to describe.

- Cloud architecture and design
- Security within the cloud
- Automation and virtualization
- Troubleshooting and Disaster recovery
- High availability

COURSE OUTLINE

Understanding Cloud Concepts

- Recognize Cloud Concepts
- Recognize Cloud Terms
- Understand the Troubleshooting Methodology

Planning and Designing a Cloud Environment

- Meet Cloud Business Requirements
- Design Capacity Planning and Requirements

Administering Cloud Resources

- Manage Cloud Administration
- Manage Compute Resources in the Cloud
- Manage Memory Resources

Managing Cloud Storage

- Understand Cloud Storage Types
- Configure Cloud Storage Solutions
- Configure Cloud Storage Protocols and RAID

Managing Networks in The Cloud

- Deploying Cloud Network Services
- Identify Cloud Network Infrastructure
- Components

Securing and Troubleshooting Networks In The Cloud

- Secure a Network in a Cloud Environment
- Troubleshooting Cloud Connectivity

Managing Cloud Migrations and Troubleshooting Cloud Deployments

- Manage Cloud Migrations
- Troubleshoot Cloud Deployment and Migration Issues

Managing Cloud Automation and Orchestration

- Understand Cloud Automation and Orchestration Techniques
- Troubleshoot Automation and Orchestration in the Cloud

Understanding Cloud Security Concepts

- Administer Identity and Access Management in the Cloud
- Manage Cloud Operating System and Application Security
- Manage Data Security and Compliance in the Cloud

Managing Cloud Security

- Implement Security Measures in the Cloud Domain
- Troubleshoot Cloud Security

Managing Cloud Performance

- Operate Efficiently in the Cloud
- Accomplish Cloud Operations Tasks
- Optimize Cloud Resources
- Troubleshoot Common Cloud Performance Problems

Managing Maintenance in The Cloud

- Configure Logs, Monitoring, and Alerting for Cloud Services
- Manage Backup and Restore in the Cloud

Implementing High Availability and Disaster Recovery In The Cloud

- Understand High Availability and Scaling in the Cloud
- Manage Disaster Recovery in the Cloud
- Incident Response

WHO SHOULD ATTEND

- Sr. Systems Administrator
- Cloud Engineer
- Systems Engineer
- Sr. Network Administrator
- Sr. Network Engineer
- Cloud Specialist
- Cloud Project Manager

PREREQUISITES

There are no prerequisites, but it is recommended to have CompTIA Network+ and Server+ certifications and 2-3 years of experience in systems administration or networking.