CompTIA Cloud+

Duration: 5 Days   **Course Code: GK7271**   **Version: CV0-003**   **Delivery Method: Company Event**

Overview:

CompTIA is a not-for-profit trade association with the purpose of advancing the interests of IT professionals and IT channel organizations; its industry-leading IT certifications are an important part of that mission. CompTIA's Cloud+ Certification is an upper-level certification designed for professionals with 2–3 years of hands-on work experience in a systems administrator job role.
This course can benefit you in two ways. If you intend to pass the CompTIA Cloud+ (Exam CV0-003) certification examination, this course can be a significant part of your preparation. But certification is not the only key to professional success in the field of cloud management. Today's job market demands individuals with demonstrable skills, and the information and activities in this course can help you build your cloud sysadmin skill set so that you can confidently perform your duties in any cloud administrator role.

Company Events

These events can be delivered exclusively for your company at our locations or yours, specifically for your delegates and your needs. The Company Events can be tailored or standard course deliveries.

Target Audience:

This course is aimed at candidates if your job responsibilities include cloud architecture and deployment, optimization, and cloud security within your organization.

Objectives:

- **After you complete this course you will be able to:**

- Understand cloud concepts

- Plan and design a cloud environment

- Administer cloud resources

- Manage cloud storage

- Manage networks in the cloud

- Secure and troubleshoot networks in the cloud

- Manage cloud migrations and troubleshoot cloud deployments

- Manage cloud automation and orchestration

- Understand cloud security concepts

- Manage cloud security

- Manage cloud performance

- Manage cloud maintenance

- Implement high availability and disaster recovery in the cloud

Prerequisites:

Attendees should meet the following prerequisites:

- 2-3 years experience in systems administration or networking.
- G005 - CompTIA Network+
- G012 - CompTIA Server+

Testing and Certification

Recommended preparation for exam(s):

- CV0-003: CompTIA Cloud+ Exam
This class is built up of 90 multiple choice and performance-based questions, you get 90 minutes to complete and must have a score of 750 to pass (on a scale of 100-900).

Content:

Lesson 1: Understanding Cloud Concepts

- Topic 1A: Recognize Cloud Concepts
- Topic 1B: Recognize Cloud Terms
- Topic 1C: Understand the Troubleshooting Methodology

Lesson 2: Planning and Designing a Cloud Environment

- Topic 2A: Meet Cloud Business Requirements
- Topic 2B: Design Capacity Planning and Requirements

Lesson 3: Administering Cloud Resources

- Topic 3A: Manage Cloud Administration
- Topic 3B: Manage Compute Resources in the Cloud
- Topic 3C: Manage Memory Resources

Lesson 4: Managing Cloud Storage

- Topic 4A: Understand Cloud Storage Types
- Topic 4B: Configure Cloud Storage Solutions
- Topic 4C: Configure Cloud Storage Protocols and RAID

Lesson 5: Managing Networks in the Cloud

- Topic 5A: Deploying Cloud Network Services
- Topic 5B: Identify Cloud Network Infrastructure Components

Lesson 6: Securing and Troubleshooting Networks in the Cloud

- Topic 6A: Secure a Network in a Cloud Environment
- Topic 6B: Troubleshooting Cloud Connectivity

Lesson 7: Managing Cloud Migrations and Troubleshooting Cloud Deployments

- Topic 7A: Manage Cloud Migrations
- Topic 7B: Troubleshoot Cloud Deployment and Migration Issues

Lesson 8: Managing Cloud Automation and Orchestration

- Topic 8A: Understand Cloud Automation and Orchestration Techniques
- Topic 8B: Troubleshoot Automation and Orchestration in the Cloud

Lesson 9: Understanding Cloud Security Concepts

- Topic 9A: Administer Identity and Access Management in the Cloud
- Topic 9B: Manage Cloud Operating System and Application Security
- Topic 9C: Manage Data Security and Compliance in the Cloud

Lesson 10: Managing Cloud Security

- Topic 10A: Implement Security Measures in the Cloud Domain
- Topic 10B: Troubleshoot Cloud Security

Lesson 11: Managing Cloud Performance

- Topic 11A: Operate Efficiently in the Cloud
- Topic 11B: Accomplish Cloud Operations Tasks
- Topic 11C: Optimize Cloud
- Topic 11D: Troubleshoot Common Cloud Performance Problems

Lesson 12: Managing Maintenance in the Cloud

- Topic 12A: Configure Logs, Monitoring, and Alerting for Cloud Services
- Topic 12B: Manage Backup and Restore in the Cloud

Lesson 13: Implementing High Availability and Disaster Recovery in the Cloud

- Topic 13A: Understand High Availability and Scaling in the Cloud
- Topic 13B: Manage Disaster Recovery in the Cloud
- Topic 13C: Manage Backup and Restore in the Cloud

Further Information:

For More information, or to book your course, please call us on Head Office 01189 123456 / Northern Office 0113 242 5931

info@globalknowledge.co.uk

www.globalknowledge.com/en-gb/

Global Knowledge, Mulberry Business Park, Fishponds Road, Wokingham Berkshire RG41 2GY UK