CompTIA Cloud+ Certification

Course ID #: 7000-611-ZZ-Z

Hours: 35

Course Content

Course Description:

CompTIA Cloud+ validates the skills needed to implement cloud solutions, maintain and optimize cloud environments, and troubleshoot issues encountered when working in the cloud. The major areas of emphasis include:
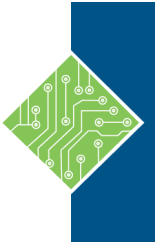
• Cloud architecture and design
• Security within the cloud
• Automation and virtualization
• Disaster recovery
• High availability

The Cloud+ exam covers five major domains:

• Cloud Architecture & Design (13%)
• Security (20%)
• Deployment (23%)
• Operations & Support (22%)
• Trouble Shooting (22%)

Target Audience:

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

CompTIA Cloud+ Certification

Topics:

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

Register for this class by visiting us at:
www.tcworkshop.com or calling us at 800-639-3535