

Course Outlines : CompTIA Cloud+ (Exam CV0-002)

Lesson 1 : Preparing to Deploy Cloud Solutions

- A: Describe Interaction of Cloud Components and Services
- B: Describe Interaction of Non-cloud Components and Services
- C: Evaluate Existing Components and Services for Cloud Deployment
- D: Evaluate Automation and Orchestration Options
- E: Prepare for Cloud Deployment

Lesson 2 : Deploying a Pilot Project

- A: Manage Change in a Pilot Project
- B: Execute Cloud Deployment Workflow
- C: Complete Post-Deployment Configuration

Lesson 3 : Testing Pilot Project Deployments

- A: Identify Cloud Service Components for Testing
- B: Test for High Availability and Accessibility
- C: Perform Deployment Load Testing
- D: Analyze Test Results

Lesson 4 : Designing a Secure and Compliant Cloud Infrastructure

- A: Design Cloud Infrastructure for Security
- B: Determine Organizational Compliance Needs

Lesson 5 : Designing and Implementing a Secure Cloud Environment

- A: Design Virtual Network for Cloud Deployment
- B: Determine Network Access Requirements
- C: Secure Networks for Cloud Interaction
- D: Manage Cloud Component Security
- E: Implement Security Technologies

Lesson 6 : Planning Identity and Access Management for Cloud Deployments

- A: Determine Identity Management and Authentication Technologies
- B: Plan Account Management Policies for the Network and Systems
- C: Control Access to Cloud Objects
- D: Provision Accounts

Lesson 7 : Determining CPU and Memory Sizing for Cloud Deployments

- A: Determine CPU Size for Cloud Deployment
- B: Determine Memory Size for Cloud Deployment

Lesson 8 : Determining Storage Requirements for Cloud Deployments

- A: Determine Storage Technology Requirements
- B: Select Storage Options for Deployment
- C: Determine Storage Access and Provisioning Requirements
- D: Determine Storage Security Options

Lesson 9 : Analyzing Workload Characteristics to Ensure Successful Migration

- A: Determine the Type of Cloud Deployment to Perform
- B: Manage Virtual Machine and Container Migration
- C: Manage Network, Storage, and Data Migration

Lesson 10 : Maintaining Cloud Systems

- A: Patch Cloud Systems
- B: Design and Implement Automation and Orchestration for Maintenance

Lesson 11 : Implementing Backup, Restore, Disaster Recovery, and Business Continuity Measures

- A: Back Up and Restore Cloud Data
- B: Implement Disaster Recovery Plans
- C: Implement Business Continuity Plans

Lesson 12 : Analyzing Cloud Systems for Performance

- A: Monitor Cloud Systems to Measure Performance
- B: Optimize Cloud Systems to Meet Performance Criteria

Lesson 13 : Analyzing Cloud Systems for Anomalies and Growth Forecasting

- A: Monitor for Anomalies and Resource Needs
- B: Plan for Capacity
- C: Create Reports on Cloud System Metrics

Lesson 14 : Troubleshooting Deployment, Capacity, Automation, and Orchestration Issues

- A: Troubleshoot Deployment Issues
- B: Troubleshoot Capacity Issues
- C: Troubleshoot Automation and Orchestration Issues

Lesson 15 : Troubleshooting Connectivity Issues

- A: Identify Connectivity Issues
- B: Troubleshoot Connectivity Issues

Lesson 16 : Troubleshooting Security Issues

- A: Troubleshoot Identity and Access Issues
- B: Troubleshoot Attacks
- C: Troubleshoot Other Security Issues