CompTIA Cloud+ Certification

CV0-003

Days of Training: 5

Course Description

Welcome to CompTIA Cloud+ Certification for exam CV0-003. This course provides the basic knowledge and skills needed to analyze, deploy, automate, and secure cloud resources in a vendor-neutral format. It includes provisioning virtual and cloud resources, configuring high availability systems, automating and optimizing cloud deployments, securing resources and identity systems, monitoring and responding to issues, and troubleshooting problems in the cloud.

This course maps to the CompTIA Cloud+ CV0-003 certification exam. You can download an objective map from http://www.30bird.com.

You will benefit most from this course if you intend to take the CompTIA Cloud+ CV0-003 exam or if you wish to attain an introduction to the core principles and skills of managing cloud deployments from a customer or provider perspective.

Outline

**Introduction**

Course setup

**Chapter 1: Cloud computing fundamentals**

Module A: Cloud computing concepts

Module B: Computing expenditures

Module C: Cloud models

**Chapter 2: Planning cloud solutions**

Module A: Cloud environments

Module B: Capacity planning

Module C: Project requirements

**Chapter 3: Resource virtualization**

Module A: Compute resources

Module B: Storage solutions

Module C: Networking solutions

**Chapter 4: Service deployment**

Module A: Resource provisioning

Module B: High availability services

Module C: Service migrations

**Chapter 5: Cloud operations**

Module A: Automation and orchestration

Module B: Resource optimization

Module C: Environmental maintenance and upgrades

**Chapter 6: Business continuity**

Module A: Business continuity

Module B: Cloud backup

**Chapter 7: Securing cloud environments**

Module A: Cloud security overview

Module B: Security assessment and remediation

Module C: Identity and access management

**Chapter 8: Securing cloud resources**

Module A: Data security and compliance

Module B: OS and application security

Module C: Network security

**Chapter 9: Monitoring and incident response**

Module A: Logging and monitoring systems

Module B: Incident response procedures

**Chapter 10: Deployment troubleshooting**

Module A: The troubleshooting process

Module B: Deployment and capacity troubleshooting

Module C: Automation troubleshooting

**Chapter 11: Infrastructure troubleshooting**

Module A: Network troubleshooting

Module B: Security troubleshooting