CompTIA Cloud+ Certification

Duration: 5 Days   Course Code: GK7271   Version: CV0-003

Overview:

This 5-day CompTIA Cloud+ CV0-003 course provides the basic knowledge and skills needed to analyze, select, monitor, and protect cloud resources in a vendor-neutral format. This includes vulnerability management, network reconnaissance and monitoring, connecting networks to clouds, cloud migration, secure policies and procedures, host and network security, identity management systems, and incident response. This course maps to the CompTIA Cloud+ CV0-003 certification exam. Objective coverage is marked throughout the course. Learn how to protect cloud resources in a vendor-neutral environment.

Target Audience:

Customers interested in learning about analyzing, monitoring or protecting cloud resources and who are working with the cloud

Objectives:

- About planning and deployment of a successful cloud system, how to view cloud deployment models and their network interactions, and how to evaluate computer resources required for successful cloud implementation

- How to test an environment before cloud deployment and how to migrate and integrate cloud services

- About security controls and about cryptography and its uses

- About data security and how to use security automation tools and techniques

- About cloud updates and patching, about cloud backup, and how to schedule and perform cloud maintenance

- About disaster planning and recovery

- About cloud resource provisioning and how to run performance analyses

- How to allocate compute resources and monitor resource usage

- About the troubleshooting process, about deployment and capacity troubleshooting, and how to troubleshoot automation issues

- How to troubleshoot network issues and about security troubleshooting

Prerequisites:

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Content:

Introduction

Course setup

Chapter 1: Virtualization requirements

- Module A: Requirements and planning for successful system deployment
- Module B: Virtual network considerations
- Module C: Computer resources

Chapter 2: Deployment and migration

- Module A: Environment testing techniques
- Module B: Cloud integration and migration

Chapter 3: Security policies and compliance

- Module A: Security controls
- Module B: Cryptography and the cloud
- Module C: Applying cryptography

Chapter 4: Data and environment security

- Module A: Data security
- Module B: Security automation

Chapter 5: Environment maintenance

- Module A: Cloud updates and patching
- Module B: Cloud backup
- Module C: Cloud environment maintenance

Chapter 6: Disaster recovery and business continuity

- Module A: Business continuity

Chapter 7: Managing virtual environments

- Module A: Cloud resource provisioning
- Module B: Performance analysis

Chapter 8: Managing compute resources

- Module A: Allocating compute resources
- Module B: Monitoring resource usage

Chapter 9: Deployment troubleshooting

- Module A: The troubleshooting process
- Module B: Deployment and capacity troubleshooting
- Module C: Automation troubleshooting

Chapter 10: Infrastructure troubleshooting

- Module A: Network troubleshooting
- Module B: Security troubleshooting

Lab Topics Include:

- Creating VMs and virtual networks
- Demonstrating network isolation
- Migrating VMs from a cloud provider
- Enabling authentication and authorization controls
- Encrypting virtual disks and storage containers
- Configuring backup and recovery options
- Setting up redundancy and high availability options
- Creating and configuring web applications

Further Information:

For More information, or to book your course, please call us on Head Office Tel.: +974 40316639

training@globalknowledge.qa

www.globalknowledge.com/en-qa/

Global Knowledge, Qatar Financial Center, Burj Doha,Level 21, P.O.Box 27110, West Bay, Doha, Qatar