

CompTIA Cloud+



Course Outline

1 - Cloud Computing Concepts, Models and Terminology

- Cloud Service Models
- Cloud Delivery Models and Services
- Cloud Characteristics and Terms
- Object Storage Concepts

2 - Disk Storage Systems

- Disk Types and Configurations
- Tiering
- RAID
- File System Types

3 - Storage Networking

- Storage Technologies
- Access Protocols and Applications
- Storage Provisioning

4 - Network Infrastructure

- Network Types
- Network Optimization

- Routing and Switching
- Network Ports and Protocols

5 - Virtualization Components

- Hypervisor
- Virtualization Host
- Virtual Machine

6 - Virtualization and the Cloud

- Benefits of Virtualization in a Cloud Environment
- Virtual Resource Migrations
- Migration Considerations

7 - Network Management

- Resource Monitoring Techniques
- Remote Access Tools

8 - Performance Tuning

- Host Resource Allocation
- Virtual Machine Resource Allocation
- Optimizing Performance

9 - Systems Management

- Policies and Procedures
- Systems Management Best Practices

10 - Testing and Troubleshooting

- Testing Techniques
- Troubleshooting and Tools



11 - Security in the Cloud

- Network Security: Best Practices
- Data Security
- Access Control Methods

12 - Business Continuity and Disaster Recovery

- Disaster Recovery Methods
- High Availability