

CompTIA Cloud+ Training

COURSE CONTENT

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Multisoft Systems
B - 125, Sector - 2, Noida



(+91) 9810-306-956



info@multisoftsystems.com



www.multisoftsystems.com

About Multisoft

Train yourself with the best and develop valuable in-demand skills with Multisoft Systems. A leading certification training provider, Multisoft collaborates with top technologies to bring world-class one-on-one and certification trainings. With the goal to empower professionals and business across the globe, we offer more than 1500 training courses, which are delivered by Multisoft's global subject matter experts. We offer tailored corporate training; project Based Training, comprehensive learning solution with lifetime e-learning access, after training support and globally recognized training certificates.

About Course

Multisoft Systems' CompTIA Cloud+ training is a comprehensive program designed to equip IT professionals with the knowledge and skills needed to excel in cloud computing. This course offers a detailed overview of cloud technologies, focusing on key concepts such as cloud deployment models, virtualization, and cloud management.

Module 1: Cloud Concepts and Models

- ✓ Compare and contrast cloud services
- ✓ Compare and contrast cloud delivery models and services
- ✓ Summarize cloud characteristics and terms
- ✓ Explain object storage concepts

Module 2: Virtualization

- ✓ Explain the differences between hypervisor types
- ✓ Install, configure, and manage virtual machines and devices
- ✓ Given a scenario, perform virtual resource migration
- ✓ Explain the benefits of virtualization in a cloud environment
- ✓ Compare and contrast virtual components used to construct a cloud environment

Module 3: Infrastructure

- ✓ Compare and contrast various storage technologies
- ✓ Explain storage configuration concepts
- ✓ Execute storage provisioning
- ✓ Given a scenario, implement appropriate network configurations
- ✓ Explain the importance of network optimization
- ✓ Given a scenario, troubleshoot basic network connectivity issues
- ✓ Explain common network protocols, ports, and topologies
- ✓ Explain common hardware resources and features used to enable virtual environments

Module 4: Resource Management

- ✓ Given a scenario, implement and use proper resource monitoring techniques
- ✓ Given a scenario, appropriately allocate physical (host) resources using best practices

- ✓ Given a scenario, appropriately allocate virtual (guest) resources using best practices
- ✓ Given a scenario, use appropriate tools for remote access

Module 5: Security

- ✓ Explain network security concepts, tools, and best practices
- ✓ Explain storage security concepts, methods, and best practices
- ✓ Compare and contrast different encryption technologies and methods
- ✓ Identify access control methods
- ✓ Implement guest and host hardening techniques

Module 6: Systems Management

- ✓ Explain policies and procedures as they relate to a cloud environment
- ✓ Given a scenario, diagnose, remediate and optimize physical host performance
- ✓ Explain common performance concepts as they relate to the host and the guest
- ✓ Implement appropriate testing techniques when deploying cloud services

Module 7: Business Continuity in the Cloud

- ✓ Compare and contrast disaster recovery methods and concepts
- ✓ Deploy solutions to meet availability requirements