

Training: CompTIA CompTIA Cloud+ Prep Course



TRAINING GOALS:

CompTIA Cloud+ shows you have the expertise needed to deploy and automate secure cloud environments and protect mission-critical applications and data.

CompTIA Cloud+ validates the skills needed to deploy and automate secure cloud environments that support the high availability of business systems and data.

What Skills Will You Learn?

- Cloud Architecture and Design - Analyze the different cloud models to design the best solution to support business requirements.
- Cloud Security - Manage and maintain servers, including OS configurations, access control and virtualization.
- Cloud Deployment - Analyze system requirements to successfully execute workload migrations to the cloud.
- Operations and Support - Maintain and optimize cloud environments, including proper automation and orchestration procedures, backup and restore operations, and disaster recovery tasks.
- Troubleshooting - Troubleshoot capacity, automation, connectivity and security issues related to cloud implementations

Each participant in an authorized training CompTIA Cloud+ Prep Course held in Compendium CE will receive a free CV0-003 CompTIA Cloud+ Certification Exam vouchers.

Jobs You Can Land With CompTIA Cloud Essentials+

- Cloud Penetration Tester
- Cloud Security Specialist
- Solution Architect
- Cloud Systems Administrator
- Cloud Specialist
- Server Administrator
- Cloud Architect
- Cloud Engineer

CONSPECT:

- Cloud Architecture and Design
 - Compare and contrast the different types of cloud models.
 - Explain the factors that contribute to capacity planning.
 - Explain the importance of high availability and scaling in cloud environments.
 - Given a scenario, analyze the solution design in support of the business requirements.
- Security
 - Given a scenario, configure identity and access management.
 - Given a scenario, secure a network in a cloud environment.
 - Given a scenario, apply the appropriate OS and application security controls.
 - Given a scenario, apply data security and compliance controls in cloud environments.
 - Given a scenario, implement measures to meet security requirements.
 - Explain the importance of incident response procedures.
- Deployment
 - Given a scenario, integrate components into a cloud solution.
 - Given a scenario, provision storage in cloud environments.
 - Given a scenario, deploy cloud networking solutions
 - Given a scenario, configure the appropriate compute sizing for a deployment.
 - Given a scenario, perform cloud migrations.
- Operations and Support
 - Given a scenario, configure logging, monitoring, and alerting to maintain operational status.
 - Given a scenario, maintain efficient operation of a cloud environment.
 - Given a scenario, optimize cloud environments.
 - Given a scenario, apply proper automation and orchestration techniques.
 - Given a scenario, perform appropriate backup and restore operations.
 - Given a scenario, perform disaster recovery tasks.
- Troubleshooting
 - Given a scenario, use the troubleshooting methodology to resolve cloud-related issues.
 - Given a scenario, troubleshoot security issues.
 - Given a scenario, troubleshoot deployment issues.
 - Given a scenario, troubleshoot connectivity issues.
 - Given a scenario, troubleshoot common performance issues.
 - Given a scenario, troubleshoot automation or orchestration issues.

REQUIREMENTS:

- At least 2—3 years of work experience in IT systems administration or IT networking
- CompTIA Network+ and Server+ or equivalent knowledge
- Familiarity with any major hypervisor technology for server virtualization
- Knowledge of cloud service models
- Knowledge of IT service management
- Hands-on experience with at least one public or private cloud IaaS platform

Difficulty level



CERTIFICATE:

The participants will obtain certificates signed by CompTIA (course completion). This course will help prepare you for the CompTIA Cloud+ certification exam, which is available through the Pearson VUE test centers.

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TRAINER:

Authorized CompTIA Trainer.