

CompTIA Cloud+ Certification Training

Course: **00065**

Filter: **Beginner**

Duration: **5 days**

Category: **Gouvernance, Risk and Compliance**

Price: **2000,00 €**

About Course

This comprehensive CompTIA Cloud+ course is designed to equip you with the skills needed to pass the CompTIA Cloud+ CV0-003 exam and earn your certification. With topics ranging from designing secure and compliant cloud infrastructures to analyzing workload characteristics and troubleshooting connectivity issues, this training will prepare you to become a pro at managing workload migrations and ensuring cloud security. Plus, with both in-person and online training options available, you can learn in a way that fits your schedule. So don't miss your chance to become a cloud architect and take your IT career to the next level!

What you'll learn

- Evaluate and implement standard deployments.
- Implement, maintain, and deliver cloud technologies to create cloud solutions.
- Manage workload migrations.
- Manage cloud vendors to control costs.
- Use automation and orchestration to bring business value from cloud solutions.
- Ensure the security of cloud implementations using cybersecurity best practices.
- Deploy and test a pilot project.
- Plan Identity and Access Management for cloud deployments.
- Analyze workload characteristics to ensure a successful migration to the cloud.
- Secure systems to meet access requirements.
- Analyze cloud systems for anomalies, growth forecasting, and required performance.
- Troubleshoot deployment, capacity, automation, connectivity, security, and orchestration issues.

- Continue learning and face new challenges with after-course one-on-one instructor coaching.

Targeted audience

- This course is designed for students preparing to take the CompTIA Cloud+ certification exam CV0-003.

Pre-requisites

- To succeed in this course and successfully pass the exam, you should have 24-36 months (about 3 years) of experience with IT (Information Technology) networking, network storage, and data center administration.
- You should also be familiar with significant hypervisor technologies for server virtualization, basic knowledge of standard cloud service models and common cloud deployment models.

Curriculum

Module 1: Preparing to Deploy Cloud Solutions

- Interactions of cloud components and services
- Interactions of non-cloud components and services
- Evaluating existing components and services for cloud deployment
- Evaluating automation and orchestration options
- Preparing for cloud deployment

Module 2: Deploying a Pilot Project

- Manage change in a pilot project
- Execute cloud deployment workflow
- Complete post-deployment configuration

Module 3: Testing Pilot Project Deployments

- Identify cloud service components for testing
- Test for high availability and accessibility
- Perform deployment load testing
- Analyze test results

Module 4: Designing a Secure and Compliant Cloud Infrastructure

- Design cloud infrastructure for security
- Determine organizational compliance needs

Module 5: Designing and Implementing a Secure Cloud Environment

- Design a virtual network for cloud deployment
- Determine network access requirements
- Secure networks for cloud interaction
- Manage cloud component security
- Implement security technologies

Module 6: Planning Identity and Access Management for Cloud Deployments

- Determine identity management and authentication technologies
- Plan account management policies for the network and systems
- Control access to cloud objects
- Provision accounts

Module 7: Determining CPU and Memory Sizing for Cloud Deployments

- Determine CPU size for cloud deployment
- Determine memory size for cloud deployment

Module 8: Determining Storage Requirements for Cloud Deployments

- Determine storage technology requirements
- Select storage options for deployment
- Determine storage access and provisioning requirements

- Determine storage security options

Module 9: Analyzing Workload Characteristics to Ensure Successful Migration

- Determine the type of cloud deployment to perform
- Manage virtual machines and container migration
- Manage network, storage, and data migration

Module 10: Maintaining Cloud Systems

- Patch cloud systems
- Design and implement automation and orchestration for maintenance

Module 11: Implementing Backup, Restore, Disaster Recovery, and Business Continuity Measures

- Backup and restore cloud data
- Implement disaster recovery plans
- Implement business continuity plans

Module 12: Analyzing Cloud Systems for Performance

- Monitor cloud systems to measure performance
- Optimize cloud systems to meet performance criteria

Module 13: Analyzing Cloud Systems for Anomalies and Growth Forecasting

- Monitor anomalies and resource needs
- Plan for capacity
- Create reports on cloud system metrics

Module 14: Troubleshooting Connectivity Issues

- Identify connectivity issues
- Troubleshoot connectivity issues

Module 15: Troubleshooting Security Issues

- Troubleshoot identity and access issues
- Troubleshoot attacks
- Troubleshoot other security issues