



## CompTIA Cloud+ (CLOUD+)

### Description

#### Why choose the CompTIA Cloud+ (CLOUD+) certification?

The CompTIA Cloud+ (CLOUD+) training is an essential opportunity for IT professionals who want to master the fundamentals of cloud infrastructures. With high-demand skills, this training enables you to understand and implement cloud solutions, from automation to security. By training in CompTIA Cloud+, you will gain the necessary tools to evaluate, deploy, and manage cloud services efficiently. Whether you are a system administrator or a cloud engineer, this course prepares you to face the current challenges of cloud computing.

#### Becoming a cloud computing expert

In this training, you will learn how to configure cloud infrastructures, secure your cloud services, and automate resource management. Through practical exercises and case studies, you will be able to meet the requirements of multicloud and hybrid environments. At the end of this five-day program, you will be ready to take the CompTIA CV0-003 exam, which will allow you to obtain the CompTIA Cloud+ (CLOUD+) certification.

#### Course Content

##### Module 1: Prepare a local system

- Description of local system components and cloud services
- Identification of elements to deploy in the cloud
- Evaluation of automation and resource management solutions
- Preparation for cloud deployment

##### Module 2: Conduct a pilot project

- Change management in a pilot project
- Implementing cloud workflow
- Final configuration of the deployment process

##### Module 3: Test the pilot project deployment

- Identification of cloud components to test
- Perform high availability and load testing

- Evaluation of test results

#### **Module 4: Design a secure and compliant cloud infrastructure**

- Configuring a secure cloud infrastructure
- Identification of organizational compliance requirements

#### **Module 5: Securely deploy the cloud environment**

- Creating a secure virtual network
- Identification of network access needs
- Securing networks for cloud exchanges
- Managing cloud component security
- Implementing security solutions

#### **Module 6: Plan identity and access management**

- Identification of identity and authentication management technologies
- Planning account management policies for network access
- Automating user account provisioning

#### **Module 7: Calculate processor and memory capacity**

- Determining CPU power for cloud deployment
- Calculating required memory capacity

#### **Module 8: Set storage specifications**

- Identification of storage needs
- Evaluation of storage access and data transfer characteristics
- Configuring storage security options

#### **Module 9: Analyze workflow properties**

- Identification of the type of cloud deployment to perform
- Managing VM and container deployment
- Managing network, storage, and data migration

#### **Module 10: Maintain cloud services**

- Troubleshooting common cloud errors
- Designing and implementing automated management systems for maintenance

#### **Module 11: Use backup, restoration, and disaster recovery tools**

- Backup and restoration of cloud data
- Implementing disaster recovery plans
- Implementing business continuity plans

#### **Module 12: Analyze cloud computing performance**

- Monitoring system performance
- Optimizing the system based on performance needs

#### **Module 13: Analyze anomalies and improvement opportunities**

- Monitoring malfunctions and storage capacity planning
- Creating cloud computing usage reports

#### **Module 14: Resolve deployment, storage, and automation issues**

- Resolving deployment incidents
- Resolving storage issues
- Resolving automation incidents

#### **Module 15: Resolve connection issues**

- Detecting connection problems
- Resolving connection problems

#### **Module 16: Resolve security issues**

- Resolving identity and access incidents
- Resolving security incidents

#### **Documentation**

- Digital course material included

#### **Exam**

- This course prepares to the CompTIA Cloud+ certification
- In order to receive the CompTIA Cloud+ certification, learners must pass two exams: CV0-003
- If you wish to take these exams, please contact our secretariat who will let you know the cost of the exam and will take care of all the necessary administrative procedures for you.

#### **Participant profiles**

- System administrators
- Cloud engineers
- IT security specialists
- Cloud infrastructure consultants
- Cloud application developers

#### **Prerequisites**

- Experience in system administration
- Basic knowledge of networks and cloud infrastructures
- Understanding of virtualization technologies
- Knowledge of information system security
- Ability to read technical English for the exam

#### **Objectives**

- Deploy secure cloud infrastructures
- Automate cloud resource management
- Analyze and optimize cloud performance
- Manage deployment and storage incidents
- Strengthen cloud service security
- Prepare for the CompTIA CV0-003 exam

#### **Description**

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CompTIA Cloud+ (CLOUD+) training

**Niveau**

Intermédiaire

**Classroom Registration Price (CHF)**

4000

**Virtual Classroom Registration Price (CHF)**

3750

**Duration (in Days)**

5

**Reference**

COM-101