



Cloud+ Certified Professionals are Skilled in Managing Robust and Scalable Cloud Solutions.

The new CompTIA Cloud+ (CV0-004) has been revamped to address the latest advancements in cloud computing, focusing on critical areas such as advanced cloud solutions, security, automation and cloud management. With Cloud+, candidates will gain the expertise required to excel in their roles and capture the attention of potential employers. Cloud+ proves candidates have the skills needed to advance their career and excel in cloud operations.

CompTIA Cloud+ prepares candidates with the skills necessary to implement, maintain, optimize and troubleshoot cloud-based infrastructure services.

The certification exam covers:

- Understanding cloud architecture and design concepts.
- Implementing and maintaining a secure cloud environment.
- Successfully provisioning and configuring cloud resources.
- Demonstrating the ability to manage operations throughout the cloud environment life cycle using observability, scaling and automation.
- Understanding fundamental DevOps concepts related to deployment and integration.
- Troubleshooting common issues related to cloud management.



Exam Objectives Comparison

The following table aligns exam objectives from CV0-003 to CV0-004 for comparison. Skills are aligned by best match.

CV0-004	CV0-003 Equivalent	Mapping
1.1 Given a scenario, use the appropriate cloud service model.	1.1 Compare and contrast the different types of cloud models.	Gap
1.2 Explain concepts related to service availability.	1.3 Explain the importance of high availability and scaling in cloud environments.	Maps
1.3 Explain cloud networking concepts.	2.2 Given a scenario, secure a network in a cloud environment.	Maps
1.3 Explain cloud networking concepts.	3.3 Given a scenario, deploy cloud networking solutions.	Maps
1.4 Compare and contrast storage resources and technologies.	3.2 Given a scenario, provision storage in cloud environments.	Maps
1.5 Explain the purpose of cloud-native design concepts.	N/A	New content
1.6 Compare and contrast containerization concepts.	3.1 Given a scenario, integrate components into a cloud solution.	Maps
1.7 Compare and contrast virtualization concepts.	1.3 Explain the importance of high availability and scaling in cloud environments.	Maps
1.7 Compare and contrast virtualization concepts.	3.4 Given a scenario, configure the appropriate compute sizing for a deployment.	Maps
1.8 Summarize cost considerations related to cloud usage.	N/A	New content
1.9 Explain the importance of database concepts.	N/A	New content
1.10 Compare and contrast methods for optimizing workloads using cloud resources.	4.3 Given a scenario, optimize cloud environments.	Maps
1.11 Identify evolving technologies in the cloud.	1.1 Compare and contrast the different types of cloud models.	Maps
2.1 Compare and contrast cloud deployment models.	1.1 Compare and contrast the different types of cloud models.	Maps
2.2 Given a scenario, implement appropriate deployment strategies.	4.2 Given a scenario, maintain efficient operation of a cloud environment.	Maps
2.3 Summarize aspects of cloud migration.	3.5 Given a scenario, perform cloud migrations.	Maps
2.4 Given a scenario, use code to deploy and configure cloud resources.	3.1 Given a scenario, integrate components into a cloud solution.	Maps
2.4 Given a scenario, use code to deploy and configure cloud resources.	3.2 Given a scenario, provision storage in cloud environment.	Maps
2.4 Given a scenario, use code to deploy and configure cloud resources.	3.3 Given a scenario, deploy cloud networking solutions.	Maps

CVO-004	CVO-003 Equivalent	Mapping
2.4 Given a scenario, use code to deploy and configure cloud resources.	4.4 Given a scenario, apply proper automation and orchestration techniques.	Maps
2.5 Given a set of requirements, provision the appropriate cloud resources.	3.1 Given a scenario, integrate components into a cloud solution.	Maps
2.5 Given a set of requirements, provision the appropriate cloud resources.	3.2 Given a scenario, provision storage in cloud environments.	Maps
2.5 Given a set of requirements, provision the appropriate cloud resources.	3.3 Given a scenario, deploy cloud networking solutions.	Maps
3.1 Given a scenario, configure appropriate resources to achieve observability.	4.1 Given a scenario, configure logging, monitoring, and alerting to maintain operational status.	Maps
3.2 Given a scenario, configure appropriate scaling approaches.	1.3 Explain the importance of high availability and scaling in cloud environments.	Gap
3.2 Given a scenario, configure appropriate scaling approaches.	3.1 Given a scenario, integrate components into a cloud solution.	Maps
3.2 Given a scenario, configure appropriate scaling approaches.	4.3 Given a scenario, optimize cloud environments.	Maps
3.2 Given a scenario, configure appropriate scaling approaches.	4.4 Given a scenario, apply proper automation and orchestration techniques.	Maps
3.3 Given a scenario, use appropriate backup and recovery methods.	4.5 Given a scenario, perform appropriate backup and restore operations.	Maps
3.4 Given a scenario, manage the life cycle of cloud resources.	4.2 given a scenario, maintain efficient operation of a cloud environment.	Maps
4.1 Explain vulnerability management concepts.	2.5 Given a scenario, implement measures to meet security requirements.	Maps
4.2 Compare and contrast aspects of compliance and regulation.	2.4 Given a scenario, apply data security and compliance controls in cloud environment.	Maps
4.3 Given a scenario, implement identity and access management.	2.1 Given a scenario, configure identity and access management.	Maps
4.4 Given a scenario, apply security best practices.	2.2 Given a scenario, secure a network in a cloud environment.	Maps
4.4 Given a scenario, apply security best practices.	2.3 Given a scenario, apply the appropriate OS and application security controls.	Maps
4.4 Given a scenario, apply security best practices.	2.4 Given a scenario, use code to deploy and configure cloud resources.	Maps
4.5 Given a scenario, apply security controls in the cloud.	2.2 given a scenario, implement appropriate deployment strategies.	Maps
4.5 Given a scenario, apply security controls in the cloud.	2.4 Given a scenario, use code to deploy and configure cloud resources.	Maps

CVO-004	CVO-003 Equivalent	Mapping
4.5 Given a scenario, apply security controls in the cloud.	2.5 Given a set of requirements, provision the appropriate cloud resources.	Maps
4.6 Given a scenario, monitor suspicious activities to identify common attacks.	2.2 Given a scenario, implement appropriate deployment strategies.	Maps
4.6 Given a scenario, monitor suspicious activities to identify common attacks.	2.5 Given a set of requirements, provision the appropriate cloud resources.	Maps
4.6 Given a scenario, monitor suspicious activities to identify common attacks.	4.1 Explain vulnerability management concepts.	Maps
5.1 Explain source control concepts.	N/A	New content
5.2 Explain concepts related to continuous integration/ continuous deployment (CI/CD) pipelines.	4.4 Given a scenario, apply security best practices	Maps
5.3 Explain concepts related to integration of systems.	N/A	New content
5.4 Explain the importance of tools used in DevOps environments.	N/A	New content
6.1 Given a scenario, troubleshoot network issues.	5.3 Explain concepts related to integration of systems.	Maps
6.2 Given a scenario, troubleshoot network issues.	5.4 Explain the importance of tools used in DevOps environments.	Maps
6.3 Given a scenario, troubleshoot security issues.	5.2 Explain concepts related to continuous integration/ continuous deployment (CI/CD) pipelines.	Maps

