EDUSUM
#1 Online Certification Guide

COMPTIA CLO-002

CompTIA Cloud Essentials+ Certification Questions & Answers

Exam Summary – Syllabus –Questions

CLO-002
CompTIA Cloud Essentials+
75 Questions Exam – 720/900 Cut Score – Duration of 60 minutes

Table of Contents:

Know Your CLO-002 Certification Well:

The CLO-002 is best suitable for candidates who want to gain knowledge in the CompTIA Additional Professional. Before you start your CLO-002 preparation you may struggle to get all the crucial Cloud Essentials+ materials like CLO-002 syllabus, sample questions, study guide.

But don't worry the CLO-002 PDF is here to help you prepare in a stress free manner.
The PDF is a combination of all your queries like-

- What is in the CLO-002 syllabus?
- How many questions are there in the CLO-002 exam?
- Which Practice test would help me to pass the CLO-002 exam at the first attempt?

Passing the CLO-002 exam makes you CompTIA Cloud Essentials+. Having the Cloud Essentials+ certification opens multiple opportunities for you. You can grab a new job, get a higher salary or simply get recognition within your current organization.

CompTIA CLO-002 Cloud Essentials+ Certification Details:

Exam Name	CompTIA Cloud Essentials+
Exam Code	CLO-002
Exam Price	$126 (USD)
Duration	60 mins
Number of Questions	75
Passing Score	720 / 900
Schedule Exam	**CompTIA Marketplace**
Sample Questions	**CompTIA Cloud Essentials+ Sample Questions**
Practice Exam	**CompTIA CLO-002 Certification Practice Exam**

CLO-002 Syllabus:

Topic	Details
	Cloud Concepts 24%
Explain cloud principles.	1. Service models • SaaS • IaaS • PaaS 2. Deployment models • Public • Private • Hybrid 3. Characteristics • Elastic • Self-service • Scalability • Broad network access • Pay-as-you-go • Availability 4. Shared responsibility model
Identify cloud networking concepts.	1. Connectivity types • Direct connect • VPN 2. Common access types • RDP • SSH • HTTPS 3. Software-defined networking (SDN) 4. Load balancing 5. DNS 6. Firewall
Identify cloud storage technologies.	1. Storage features

Topic	Details
	• Compression • Deduplication • Capacity on demand 2. Storage characteristics • Performance • Hot vs. cold 3. Storage types • Object storage • File storage • Block storage 4. Software-defined storage 5. Content delivery network
Summarize important aspects of cloud design.	1. Redundancy 2. High availability 3. Disaster recovery 4. Recovery objectives • RPO • RTO
Business Principles of Cloud Environments 28%	
Given a scenario, use appropriate cloud assessments.	1. Current and future requirements 2. Baseline 3. Feasibility study 4. Gap analysis • Business • Technical 5. Reporting • Compute • Network • Storage 6. Benchmarks 7. Documentation and diagrams

Topic	Details
	8. Key stakeholders 9. Point of contact
Summarize the financial aspects of engaging a cloud provider.	1. Capital expenditures 2. Operating expenditures 3. Variable vs. fixed cost 4. Licensing models • BYOL • Subscription 5. Contracts 6. Billing 7. Request for information 8. Human capital • Training • Professional development
Identify the important business aspects of vendor relations in cloud adoptions.	1. Professional services • Time to market • Skill availability • Support • Managed services 2. Statement of work (SOW) 3. Service level agreement (SLA) 4. Training 5. Evaluations • Pilot • Proof of value • Proof of concept • Success criteria 6. Open-source vs. proprietary
Identify the benefits or solutions of utilizing cloud services.	1. Identity access management • Single sign-on • Multifactor authentication • Federation 2. Cloud-native applications

Topic	Details
	• Microservices • Containerization 3. Data analytics • Machine learning • Artificial intelligence • Big Data 4. Digital marketing • Email campaigns • Social media 5. Autonomous environments 6. IoT 7. Blockchain 8. Subscription services 9. Collaboration 10. VDI 11. Self-service
Compare and contrast cloud migration approaches.	1. Rip and replace 2. Lift and shift 3. Hybrid 4. Phased
<td colspan="1" align="center">**Management and Technical Operations 26%**</td>
Explain aspects of operating within the cloud.	1. Data management • Replication • Locality • Backup 2. Availability • Zones • Geo-redundancy 3. Disposable resources 4. Monitoring and visibility • Alerts • Logging 5. Optimization

Topic	Details
	• Auto-scaling • Right-sizing
Explain DevOps in cloud environments.	1. Provisioning • Infrastructure as code • Templates 2. Continuous integration/ continuous delivery 3. Testing in QA environments • Sandboxing • Load testing • Regression testing 4. Configuration management • Orchestration • Automation • Upgrades and patching 5. API integration
Given a scenario, review and report on the financial expenditures related to cloud resources.	1. Storage 2. Network 3. Compute 4. Chargebacks • Resource tagging 5. Maintenance 6. Instances • Reserved • Spot 7. Licensing type 8. Licensing quantity
Governance, Risk, Compliance, and Security for the Cloud 22%	
Recognize risk management concepts related to cloud services.	1. Risk assessment • Asset inventory • Classification • Ownership

Topic	Details
	2. Risk response • Mitigation • Acceptance • Avoidance • Transfer 3. Documentation • Findings • Risk register 4. Vendor lock-in 5. Data portability
Explain policies or procedures.	1. Standard operating procedures 2. Change management 3. Resource management 4. Security policies • Incident response 5. Access and control policies 6. Department specific policies 7. Communication policies
Identify the importance and impacts of compliance in the cloud.	1. Data sovereignty 2. Regulatory concerns 3. Industry-based requirements 4. International standards 5. Certifications
Explain security concerns, measures, or concepts of cloud operations.	1. Threat 2. Vulnerability 3. Security assessments • Penetration testing • Vulnerability scanning • Application scanning 4. Data security • Categories Public Private Sensitive

Topic	Details
	• Confidentiality Encryption Sanitization • Integrity Validation • Availability Backup Recovery • Breach 5. Application and Infrastructure security • Audit • Access • Authorization • Hardening

CompTIA CLO-002 Sample Questions:

Question: 1

A company identifies a risk, considers the business impact, and then decides to assume the risk. Which of the following risk response strategies is represented in this example?

a) Avoidance
b) Acceptance
c) Mitigation
d) Transference

Answer: b

Question: 2

Which of the following translates IP addresses into hostnames?

a) HTTPS
b) IPSec
c) DNS
d) SSH
e) VPN

Answer: c

Question: 3

A cloud administrator is doing a security review of the environment and notices data in transit is readable using third-party scanning tools.

Which of the following methods of securing the data should the administrator recommend?

a) Hardening
b) Categorization
c) Sanitization
d) Encryption

Answer: d

Question: 4

A cloud administrator needs to provision a database server in a public cloud provider's environment. The administrator chooses the option to pay for the database software on a monthly basis.

Which of the following licensing models does this describe?

a) Evaluation
b) Subscription
c) Bring your own
d) Open-source

Answer: b

Question: 5

A SaaS application requires users to log in using their local network passwords. This is an example of:

a) single sign-on.
b) an access control list.
c) remote desktop protocol.
d) multifactor authentication.

Answer: a

Question: 6

Which of the following is essential to ensure an e-commerce application can receive orders without any downtime?

        a) Availability
        b) Elasticity
        c) Hybrid
        d) Scalability

Answer: a

Question: 7

A company is selecting private cloud software that requires little to no troubleshooting by in-house staff.

Which of the following must be considered when evaluating an open-source version vs. a commercial version?

    a) Beta features
    b) Vendor support
    c) Country of origin
    d) Release history

Answer: b

Question: 8

Which of the following is a data management aspect of operations in a cloud environment?

    a) Object storage
    b) Self-service
    c) Locality
    d) Collaboration

Answer: c

Due to a breach, a cloud provider needs to locate a document that defines the appropriate actions to take. Which of the following BEST describes the process the cloud provider needs to follow?

a) Risk register
b) Audit
c) Change management
d) Incident response

Answer: d

Which of the following are factors in a gap analysis when considering a CSP?

(Select TWO).

a) Technical
b) Pilot
c) Support
d) Benchmarks
e) Reporting
f) Business

Answer: a, f

Study Guide to Crack CompTIA Cloud Essentials+ CLO-002 Exam:

- Getting details of the CLO-002 syllabus, is the first step of a study plan. This pdf is going to be of ultimate help. Completion of the syllabus is must to pass the CLO-002 exam.
- Making a schedule is vital. A structured method of preparation leads to success. A candidate must plan his schedule and follow it rigorously to attain success.
- Joining the CompTIA provided training for CLO-002 exam could be of much help. If there is specific training for the exam, you can discover it from the link above.
- Read from the CLO-002 sample questions to gain your idea about the actual exam questions. In this PDF useful sample questions are provided to make your exam preparation easy.
- Practicing on CLO-002 practice tests is must. Continuous practice will make you an expert in all syllabus areas.

Reliable Online Practice Test for CLO-002 Certification

Make EduSum.com your best friend during your CompTIA Cloud Essentials+ exam preparation. We provide authentic practice tests for the CLO-002 exam. Experts design these online practice tests, so we can offer you an exclusive experience of taking the actual CLO-002 exam. We guarantee you 100% success in your first exam attempt if you continue practicing regularly. Don't bother if you don't get 100% marks in initial practice exam attempts. Just utilize the result section to know your strengths and weaknesses and prepare according to that until you get 100% with our practice tests. Our evaluation makes you confident, and you can score high in the CLO-002 exam.

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