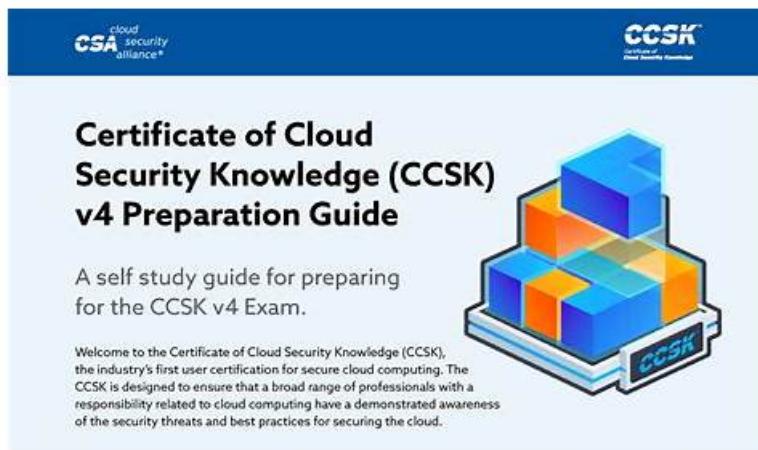


# 100% Pass Quiz Cloud Security Alliance - CCSK - Pass-Sure New Certificate of Cloud Security Knowledge (v4.0) Exam Test Dumps



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Certified Cloud Security Knowledge

## Certificate of Cloud Security Knowledge (CCSK) v4 Preparation Guide

A self study guide for preparing for the CCSK v4 Exam.

Welcome to the Certificate of Cloud Security Knowledge (CCSK), the industry's first user certification for secure cloud computing. The CCSK is designed to ensure that a broad range of professionals with a responsibility related to cloud computing have a demonstrated awareness of the security threats and best practices for securing the cloud.

### Basic Facts about the CCSK Examination

The CCSK examination is a timed, multiple choice examination located at <https://ccsk.cloudsecurityalliance.org/>. The examination consists of 60 multiple choice questions, and must be completed within 90 minutes. A participant must correctly answer 80% of the questions to receive a passing score.

It is not possible to pause or stop the examination and finish it at a later date. Therefore, the participant should be properly prepared to take the test before starting, and while you can choose to take the test any time of the day or night, one should budget for 90 minutes of uninterrupted time once you make the commitment to start the test.

If you have any problems with the test itself, or other extenuating circumstances such as network outages that inhibit your ability to complete the test, please contact CCSK Test Support at [ccsk-admin@cloudsecurityalliance.org](mailto:ccsk-admin@cloudsecurityalliance.org).

### Studying for the CCSK Examination

The body of knowledge for the CCSK examination is the CSA Security Guidance for Critical Areas of Focus in Cloud Computing v4, the Cloud Controls Matrix (CCM), and the ENISA report 'Cloud Computing: Benefits, Risks and Recommendations for Information Security'.

These research documents can be downloaded below:



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Preparing for the CCSK test can be challenging, especially when you are busy with other responsibilities. Candidates who don't use CCSK dumps fail in the CCSK examination and waste their resources. Using updated and valid CCSK questions; can help you develop skills essential to achieve success in the CCSK Certification Exam. That's why it's indispensable to use Certificate of Cloud Security Knowledge (v4.0) Exam (CCSK) real exam dumps. BraindumpsVCE understands the significance of Updated Cloud Security Alliance CCSK Questions, and we're committed to helping candidates clear tests in one go.

Cloud Security Alliance (CSA) is a non-profit organization that aims to promote best practices for security in cloud computing. One of its initiatives is the Certificate of Cloud Security Knowledge (CCSK) exam. The CCSK Exam is a vendor-neutral certification that validates the knowledge and skills of IT and security professionals in cloud security.

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## **Cloud Security Alliance Certificate of Cloud Security Knowledge (v4.0) Exam Sample Questions (Q40-Q45):**

### **NEW QUESTION # 40**

How can web security as a service be deployed for a cloud consumer?

- A. On the premise through a software or appliance installation
- B. By utilizing a partitioned network drive
- C. **By proxying or redirecting web traffic to the cloud provider**
- D. Both A and C
- E. None of the above

**Answer: C**

### **NEW QUESTION # 41**

Which of the following reports is of most interest to the customer but may not be provided by Cloud Service Provider?

- A. SOC3
- B. SOC1 Type I
- C. SOC2 Type I
- D. **SOC2 Type II**

**Answer: D**

Explanation:

SOC2 Type II is the report which will be of lot of interest to the customers but it will not be provided by the cloud service provider as it may release lot of information about security controls put in place which can harm cloud service providers infrastructure adversely.

SOC2 Type II is a report on management's description of the service organisation's system and the suitability of the design and operating effectiveness of the controls

### **NEW QUESTION # 42**

What is the primary purpose of virtual machine (VM) image sources?

- A. To optimize VM performance
- B. To secure the VM against unauthorized access
- C. To back up data within the VM
- D. **To provide core components for VM images**

**Answer: D**

Explanation:

Correct Option: B. To provide core components for VM images

In cloud computing and virtualization, VM image sources serve as base templates used to build new virtual machine instances. These image sources typically contain the core operating system, necessary drivers, and pre-installed software configurations that allow users to deploy environments quickly and consistently.

From the CSA Security Guidance v4.0 - Domain 8: Virtualization and Containers:

"The VM image repository (or image store) contains templates from which new VMs are instantiated. These base images include the core operating system and predefined settings. VM image sources ensure that instances can be created consistently and securely."

- Domain 8: Virtualization and Containers, CSA Security Guidance v4.0

Additionally, cloud providers often pre-harden these images to enhance security and ensure that they meet organizational compliance standards. However, the primary function remains to serve as starting points or blueprints for VM creation - not performance tuning or backup.

Why the Other Options Are Incorrect:

\* A. To back up data within the VM# VM image sources are not used for data backup. Backups involve capturing dynamic runtime

data, while image sources are static templates used at deployment.

\* C. To optimize VM performance# Image sources do not optimize performance. Performance is influenced by hardware, resource allocation, and tuning - not the image source itself.

\* D. To secure the VM against unauthorized access# While hardened images may help reduce attack surface, security is not the primary purpose of VM image sources. That responsibility falls more under access controls, patching, and configuration management.

\* Main Topic: Virtualization and Containers

\* Source: CSA Security Guidance v4.0, Domain 8 - Virtualization and Containers

#### NEW QUESTION # 43

What is the primary advantage of implementing Continuous Integration and Continuous Delivery/Deployment (CI/CD) pipelines in the context of cybersecurity?

- A. Replacing the need for security teams.
- B. **Automating security checks and deployments.**
- C. Slowing down the development process for testing.
- D. Enhancing code quality.

#### Answer: B

Explanation:

CI/CD pipelines integrate security into the DevOps process, ensuring that security is automated at every stage of the software development lifecycle (SDLC).

Why CI/CD Pipelines Enhance Cloud Security?

- \* Automates Security Scans & Compliance Checks
- \* CI/CD pipelines integrate Static Application Security Testing (SAST) & Dynamic Application Security Testing (DAST).
- \* Infrastructure as Code (IaC) security scans prevent misconfigurations in cloud deployments.
- \* Reduces Human Errors in Security Configurations
- \* Automates security best practices (e.g., enforcing HTTPS, setting least privilege IAM roles).
- \* Reduces risk of manual security misconfigurations.
- \* Speeds Up Secure Deployments
- \* Automatically tests for vulnerabilities before production releases.
- \* Ensures that security patches are rapidly deployed without breaking functionality.
- \* Shifts Security Left in DevSecOps
- \* CI/CD enables early vulnerability detection in the development phase, reducing costs and risks.
- \* Cloud-native CI/CD tools like AWS CodePipeline, GitHub Actions, and Jenkins integrate security automation.

This aligns with:

- \* CCSK v5 - Security Guidance v4.0, Domain 10 (Application Security)
- \* DevSecOps and Cloud Security Best Practices (Cloud Security Alliance - DevSecOps Working Group).

#### NEW QUESTION # 44

Which of the following Standards define "Application Security Management Process" (ASMP)?

- A. **ISO 27034-1**
- B. ISO 27036-1
- C. ISO 27038-1
- D. ISO 27032-1

#### Answer: A

Explanation:

The International Organization for Standardization (ISO) has developed and published ISO/IEC 27034-1, "Information Technology, eSecurity Techniques, eApplication Security, ISO/IEC 27034-1 defines concepts, frameworks, and processes to help organizations integrate security within their software development lifecycle.

#### NEW QUESTION # 45

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