



CCSP

ISC2 CCSP Certification

A Success Guide to Prepare-
ISC2 Cloud Security Professional

[edusum.com](https://www.edusum.com)

Table of Contents

Introduction to CCSP Exam on ISC2 Cloud Security Professional	2
ISC2 CCSP Certification Details:	2
ISC2 CCSP Exam Syllabus:	3
CCSP Sample Questions:	4
Answers to CCSP Exam Questions:	5

Introduction to CCSP Exam on ISC2 Cloud Security Professional

Use this quick start guide to collect all the information about ISC2 CCSP Certification exam. This study guide provides a list of objectives and resources that will help you prepare for items on the ISC2 Cloud Security Professional (CCSP) exam. The Sample Questions will help you identify the type and difficulty level of the questions and the Practice Exams will make you familiar with the format and environment of an exam. You should refer this guide carefully before attempting your actual ISC2 Certified Cloud Security Professional (CCSP) certification exam.

The ISC2 CCSP certification is mainly targeted to those candidates who want to build their career in Cybersecurity domain. The ISC2 Certified Cloud Security Professional (CCSP) exam verifies that the candidate possesses the fundamental knowledge and proven skills in the area of ISC2 CCSP.

ISC2 CCSP Certification Details:

Exam Name	ISC2 Certified Cloud Security Professional (CCSP)
Exam Code	CCSP
Exam Price	\$549 (USD)
Duration	240 minutes
Number of Questions	125
Passing Score	700/1000
Schedule Exam	Pearson VUE
Sample Questions	ISC2 CCSP Sample Questions
Practice Exam	ISC2 CCSP Certification Practice Exam

ISC2 CCSP Exam Syllabus:

Topic	Details	Weights
Architectural Concepts and Design Requirements	<ul style="list-style-type: none"> - Understand cloud computing concepts - Describe cloud reference architecture - Understand security concepts relevant to cloud computing - Understand design principles of secure cloud computing - Identify trusted cloud services 	19%
Cloud Data Security	<ul style="list-style-type: none"> - Understand cloud data lifecycle - Design and implement cloud data storage architectures - Design and apply data security strategies - Understand and implement data discovery and classification technologies - Design and implement relevant jurisdictional data protections for personally identifiable information (PII) - Design and implement data rights management - Plan and implement data retention, deletion, and archiving policies - Design and implement auditability, traceability and accountability of data events 	20%
Cloud Platform and Infrastructure Security	<ul style="list-style-type: none"> - Comprehend cloud infrastructure components - Analyze risks associated to cloud infrastructure - Design and plan security controls - Plan disaster recovery and business continuity management 	19%
Cloud Application Security	<ul style="list-style-type: none"> - Recognize the need for training and awareness in application security - Understand cloud software assurance and validation - Use verified secure software - Comprehend the software development life-cycle (SDLC) process - Apply the secure software development life-cycle - Comprehend the specifics of cloud application architecture - Design appropriate identity and access management (IAM) solutions 	15%
Operations	<ul style="list-style-type: none"> - Support the planning process for the data center design - Implement and build physical infrastructure for cloud environment - Run physical infrastructure for cloud environment - Manage physical infrastructure for cloud environment - Build logical infrastructure for cloud environment - Run logical infrastructure for cloud environment 	15%

Topic	Details	Weights
	<ul style="list-style-type: none"> - Manage logical infrastructure for cloud environment - Ensure compliance with regulations and controls (e.g., ITIL, ISO/IEC 20000-1) - Conduct risk assessment to logical and physical infrastructure - Understand the collection, acquisition and preservation of digital evidence - Manage communication with relevant parties 	
Legal and Compliance	<ul style="list-style-type: none"> - Understand legal requirements and unique risks within the cloud environment - Understand privacy issues, including jurisdictional variation - Understand audit process, methodologies, and required adaptations for a cloud environment - Understand implications of cloud to enterprise risk management - Understand outsourcing and cloud contract design - Execute vendor management 	12%

CCSP Sample Questions:

01. User access to the cloud environment can be administered in all of the following ways except:

- a) Customer directly administers access
- b) Customer provides administration on behalf of the provider
- c) Provider provides administration on behalf the customer
- d) Third party provides administration on behalf of the customer

02. Which kind of SSAE audit report is a cloud customer most likely to receive from a cloud provider?

- a) SOC 1 Type 1
- b) SOC 2 Type 2
- c) SOC 1 Type 2
- d) SOC 3

03. All policies within the organization should include a section that includes all of the following, except:

- a) Policy maintenance
- b) Policy review
- c) Policy enforcement
- d) Policy adjudication

04. When using an Infrastructure as a Service solution, what is a key benefit provided to the customer?

- a) Usage is metered and priced on the basis of units consumed.
- b) The ability to scale up infrastructure services based on projected usage.
- c) Increased energy and cooling system efficiencies.
- d) Cost of ownership is transferred.

05. Identity and access management (IAM) is a security discipline that ensures which of the following?

- a) That all users are properly authorized
- b) That the right individual gets access to the right resources at the right time for the right reasons
- c) That all users are properly authenticated
- d) That unauthorized users will get access to the right resources at the right time for the right reasons

06. What are third-party providers of IAM functions for the cloud environment?

- a) CASBs
- b) DLPs
- c) SIEMs
- d) AESs

07. Which of the following best describes SAML?

- a) A standard for developing secure application management logistics
- b) A standard for exchanging usernames and passwords across devices
- c) A standard for exchanging authentication and authorization data between security domains
- d) A standard used for directory synchronization

08. A poorly negotiated cloud service contract could result in all the following detrimental effects except:

- a) Vendor lock-in
- b) Lack of necessary services
- c) Unfavorable terms
- d) Malware

09. DLP can be combined with what other security technology to enhance data controls?

- a) DRM
- b) SIEM
- c) Kerberos
- d) Hypervisors

10. What is the experimental technology that might lead to the possibility of processing encrypted data without having to decrypt it first?

- a) AES
- b) Link encryption
- c) Homomorphic encryption
- d) One-time pads

Answers to CCSP Exam Questions:

Question: 01 Answer: b	Question: 02 Answer: d	Question: 03 Answer: d	Question: 04 Answer: a	Question: 05 Answer: b
Question: 06 Answer: a	Question: 07 Answer: c	Question: 08 Answer: d	Question: 09 Answer: a	Question: 10 Answer: c

Note: If you find any typo or data entry error in these sample questions, we request you to update us by commenting on this page or write an email on feedback@edusum.com