

CCP MODULE 07

Fundamental Cloud Security

Arcitura®
CERTIFIED
Cloud Security
Specialist

OVERVIEW

This foundational course provides a well-rounded, end-to-end presentation of essential techniques, mechanisms, patterns and industry technologies for establishing cloud-based security controls and security architectures. The cloud security fundamentals covered in Module 2 are continued by introducing threat categorizations and new cloud security mechanisms.

The course then delves into a series of cloud security mechanisms and associated architectural patterns that explore a variety of topics, including cloud network security, identity and access management, and trust assurance.

The following primary topics are covered:

- Cloud Security Basics
- Common Cloud Security Mechanisms
- Cloud Security Threats
- Cloud Security Threat Categorization Methodology
- Identification and Treatment of Common Threats
- Cloud Network Security Patterns and Supporting Mechanisms
- Securing Network Connections and Cloud Authentication Gateways
- Collaborative Monitoring and Logging
- Independent Cloud Auditing
- Cloud Identity and Access Management Patterns and Supporting Mechanisms
- Federating and Enabling Secure Interoperability among Cloud Consumers
- Trust Assurance Patterns and Supporting Mechanisms
- Trust Attestation and Establishing Trustworthiness

Duration: 1 Day

TRAINING + CERTIFICATION

This course is part of a training and accreditation program through which official certification can be achieved and for which official training and certification badges can be issued.



www.arcitura.com/ccp/security

eLEARNING + PRINTED STUDY KITS

This course is available as part of a study kit that includes course materials and supplemental self-study materials. The study kit is available in full-color printed format and eLearning format. Both types of study kits include the contents listed below.

- Workbook
- Self-Study Guide
- Mind Map Poster
- Flashcards
- Audio Tutor Recordings



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Fundamental Cloud Security

| | Certified Cloud Professional* | Certified Cloud Technology Professional | Certified Cloud Architect | Certified Cloud Security Specialist | Certified Cloud Governance Specialist | Certified Cloud Storage Specialist | Certified Cloud Virtualization Specialist |
|---|-------------------------------|---|---------------------------|-------------------------------------|---------------------------------------|------------------------------------|---|
| MODULE 01 Fundamental Cloud Computing | ● | ● | ● | ● | ● | ● | ● |
| MODULE 02 Cloud Technology Concepts | ● | ● | ● | ● | ● | ● | ● |
| MODULE 03 Cloud Technology Lab | | ● | | | | | |
| MODULE 04 Fundamental Cloud Architecture | | | ● | | | | |
| MODULE 05 Advanced Cloud Architecture | | | ● | | | | |
| MODULE 06 Cloud Architecture Lab | | | ● | | | | |
| MODULE 07 Fundamental Cloud Security | | | | ● | | | |
| MODULE 08 Advanced Cloud Security | | | | ● | | | |
| MODULE 09 Cloud Security Lab | | | | ● | | | |
| MODULE 10 Fundamental Cloud Governance | | | | | ● | | |
| MODULE 11 Advanced Cloud Governance | | | | | ● | | |
| MODULE 12 Cloud Governance Lab | | | | | ● | | |
| MODULE 13 Fundamental Cloud Storage | | | | | | ● | |
| MODULE 14 Advanced Cloud Storage | | | | | | ● | |
| MODULE 15 Cloud Storage Lab | | | | | | ● | |
| MODULE 16 Fundamental Cloud Virtualization | | | | | | | ● |
| MODULE 17 Advanced Cloud Virtualization | | | | | | | ● |
| MODULE 18 Cloud Virtualization Lab | | | | | | | ● |

* The Certified Cloud Professional designation is automatically issued when achieving any other CCP certification. It can also be achieved by receiving passing grades on Exams C90.01 + C90.02.

Arcitura Cloud School (www.arcitura.com/cloud-school)