

# CCP MODULE 07

## Fundamental Cloud Security

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

Arcitura®  
CERTIFIED  
Cloud Security  
Specialist

## CERTIFICATION

This course is part of an accreditation curriculum through which one or more official certifications can be achieved.



## EXAM C90.07

Exams are generally available at Pearson VUE testing centers worldwide, via Pearson VUE online proctoring and on-site delivery as part of private workshops.



## STUDY KIT CONTENTS

This course is available as part of an Arcitura Study Kit that includes the contents listed below. In addition to the base course materials used during training workshops, additional materials designed for self-study purposes are also included.

- Presentation Booklet
- Workbook
- Self-Study Guide
- Mind Map Poster
- Flashcards
- Cloud Computing Design Patterns Textbook
- Audio Tutor Recordings (usb)

