

# CCP Module 7: Fundamental Cloud Security

This foundational course provides a well-rounded, end-to-end presentation of essential techniques, 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 patterns that explore a variety of topics, including cloud network security, identity and access management, and trust assurance.

The following topics are covered:

- Cloud Security Basics and Common Cloud Security Mechanisms
- Cloud Security Threats and 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

For more information, visit [www.cloudschool.com](http://www.cloudschool.com).

## *Cloud Computing Design Patterns Text Book*

This CCP course module covers a range of in-depth topics that are described in the course booklet and further elaborated by detailed technical coverage and case study examples in the accompanying *Cloud Computing Design Patterns* text book from the acclaimed *Prentice Hall Service Technology Series* from Thomas Erl.



## *Self-Study Kit*

The materials for this course module can be purchased separately as part of the Module 7 Self-Study Kit, which includes additional materials and study aids. These materials are designed to prepare you for Exam C90.07 and are also suitable for general remote, self-paced study purposes.

For ordering information, visit [www.cloudselfstudy.com](http://www.cloudselfstudy.com).

