



Information Technology

Certified Cloud Security Professional (CCSP)

Course Introduction

Most businesses now do utilize the benefits of digital data storing and sharing, which makes their work extremely efficient.

Cloud security has been one of the technologies that help strengthen data security. It is critical for IT professionals, especially those that are involved in data security functions, to enhance their expertise in the cloud.

CCSP is a globally recognized standard of achievement that demonstrates one's competence as an information security professional with cloud security expertise. Earning a CCSP cloud security certification will definitely help you build your career and better secure critical assets in the cloud.

This training course is designed to provide participants with the knowledge and skills to help them become Certified Cloud Security Professionals (CCSP).

This course covers topics in cloud security today, including cloud computing, mobile security, application development security, and risk management.

Target Audience

- Cloud Computing Engineer
- Computer Network Specialist
- Computer Support Specialist
- Database Administrator
- Information Technology Analyst
- Information Technology Leadership
- Information Security Specialist
- Software/Application Developer

Learning Objectives

- Gain a comprehensive knowledge of the critical cloud computing topics including cyber, information, software and cloud computing infrastructure security
- Enhance your working knowledge of cloud security principles and practices.
- Analyze and assess risks associated to Cloud Infrastructure
- Implement, build and manage physical infrastructure for Cloud environment
- Understand the legal requirements and unique risks within the cloud environment
- Provide support to the organization in designing security controls
- Be knowledgeable and prepared to take the CCSP exam.

Course Outline

• Day 01

Architectural Concepts and Design Requirements

- 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

• Day 02

Cloud Data Security

- Understand Cloud Data Life Cycle
- Design and Implement Cloud Data Storage Architectures
- Understand and implement Data Discovery and Classification Technologies
- Design and Implement Relevant Jurisdictional Data Protection for Personally Identifiable Information (PII)
- Design and implement Data Rights Management

- Plan and Implement Data Retention, Deletion, and Archival policies
- Design and Implement Auditability, Traceability, and Accountability of Data Events

• Day 03

Cloud Platform Infrastructure Security

- Comprehend Cloud Infrastructure Comp
- Analyze Risks Associated to Cloud Infrastructure
- Design and Plan Security Controls
- Plans Disaster Recovery & Business Continuity Management

Cloud Application Security

- Recognize 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

• Day 04

Operations

- 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
- Manage Logical Infrastructure for Cloud Environment
- Ensure Compliance with Regulations and Controls
- Conduct Risk Assessment to Logical and Physical Infrastructure
- Understand the Collection and Preservation of Digital Evidence
- Manage Communications with Relevant Parties Domain

• Day 05

Legal and Compliance

- Understand Legal Requirements and Unique Risks Within the Cloud Environment

- Understand Privacy Issues, Including Jurisdictional Variances
- Understand Audit Process, Methodologies, and Required Adaptions for a Cloud Environment
- Understand Implication of Cloud to Enterprise Risk Management
- Understand Outsourcing and Cloud Contract Design
- Execute Vendor Management

Confirmed Sessions

FROM	TO	DURATION	FEES	LOCATION
June 23, 2025	June 27, 2025	5 days	4250.00 \$	UAE - Abu Dhabi
Sept. 1, 2025	Sept. 5, 2025	5 days	4250.00 \$	UAE - Dubai
Dec. 29, 2025	Jan. 2, 2026	5 days	4950.00 \$	England - London