

## What is a CCSP?

A CCSP (Certified Cloud Security Professional) is an expert within the field of [cyber security](#), equipped with knowledge and understanding of cloud computing and the associated security risks. They can apply their knowledge effectively to create mitigation strategies and provide organisations with high-quality cloud security expertise. CCSP's are crucial to organisations, ensuring that they will benefit from cloud computing whilst ensuring sensitive data remains secure.

## CCSP Course Objectives

There are several key objectives for candidates to hit in this course:

- Strategies for protecting types of data
- Understanding and learning about the data lifecycle phases
- How to correctly classify data
- Strategies for ensuring data security and management
- How to recover lost files and dealing with event management
- Dealing with privacy problems in a cloud environment
- Using the skills for crime analysis and gathering evidence
- Knowing the different risk management analysis physical and virtual components

## Who is the CCSP Training Course for?

The CCSP course is designed for professionals trained to an intermediate or advanced level in a variety of IT based areas such as Enterprise architecture, IT architecture and Web and Cloud Security. Examples of professionals who are perfect for this course include:

Enterprise Architect  
IT Architect  
Security Architect  
Security Administrator  
Security Consultant  
Security Engineer  
Security Manager  
Systems Engineer

## Why Should I Take the CCSP Training Course?

By attending the CCSP course you will receive a range of benefits. The most significant of which is that this course will give you the potential to improve your credibility and marketability opportunities within your career.

## Evening Work

The course will have exercises and notes which can be studied at home after the session to further enhance the knowledge retention.

## CCSP Exam Information

4 hours in duration  
125 multiple choice questions  
70% pass rate

The exam is not included in the course. Candidates would need to book the exam themselves.

### Part 1: Architectural Concepts and Design Requirements

- Understanding cloud computing concepts
- Reference architecture
- Designing principles for secure computing
- Data storage architecture
- Services

### Part 2: Cloud Data Security

- Data lifecycle
- Classification technologies
- Implement concept of data discovery
- Records protection for safeguarding information
- Design and implement Data Risk Management
- Implement audibility, traceability, and archival policies
- Planning file retention and detection
- Manage accountability and events

### Part 3: Cloud platform and infrastructure security

- Analysing risks link to infrastructure
- Designing and planning safety controls
- Planning for Disaster Recovery and Business Continuity Management
- Using framework

### Part 4: Cloud Security Applications

- Understanding computing software assurance and validation
- Using verified secure software
- Understanding Software Development Lifecycle process
- Design Access Management solutions
- Cloud Application Architecture

## Part 5: Operations

- Process for data centre design
- Building and managing physical infrastructure
- Managing communications with relevant parties domain
- Build logical infrastructure
- Conduct risk assessment and risk analysis
- Do proper system control for ensuring compliance

## Part 6: Legal and compliance

- Understand legal requirements and risks
- Understand methodologies for audit process and privacy issue
- Concept of Enterprise Risk Management and Contract Design
- Execute Vendor Management

Learn the key aspects around cloud security with this CCSP training course.

The Certified Cloud Security Professional is a highly sought after qualification which teaches you how to improve and increase cloud security.