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## 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 keys 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

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# 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

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## 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.