

# ISC2 Certified Cloud Security Professional (CCSP) (CCSP)

ID CCSP Price on request Duration 5 days

## Who should attend

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

## Prerequisites

Sie müssen mindestens fünf Jahre Berufserfahrung in der IT haben, davon mind. drei im Bereich Informationssicherheit, davon wiederum mindestens eins im Bereich Cloud Computing.

Darüber hinaus sollten Sie bereits Erfahrung in jeder der sechs CBK Domains haben:

- Architekturkonzepte und Gestaltungsanforderungen
- Clouddatensicherheit
- Cloud-Plattform- & Infrastruktursicherheit
- Cloud-Anwendungssicherheit
- Betrieb
- Rechtliches und Compliance

## Course Content

### Domain 1: 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

### Domain 2: 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

### Domain 3: 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

### Domain 4: 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

### Domain 5: 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

### Domain 6: Legal and Compliance

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- Understand Legal Requirements and Unique Risks Within the Cloud Environment Module 2: 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

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## Training Centres worldwide



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