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Learning Style: Virtual Classroom

Technology: ISC2

Difficulty: Advanced

Course Duration: 5 Days

Certified Cloud Security Professional (CCSP)



About this course:

ISC² certified Cloud Security Professional Exam (CCSSP) preparation course is an instructor lead, five day course. The courseware covers all the aspects of the cloud security certification exams; it includes strategies of securing data and system. Recording and detecting attacks and working alongside security agencies. It also

covers the legalities and privacy protection in case of collaboration with the law enforcement agencies.

Course Objectives:

- Identify and explain the five characteristics required to satisfy the NIST definition of cloud computing
- Differentiate between various as-a-service delivery models and frameworks that are incorporated into the cloud computing reference architecture
- Explain strategies for protecting data at rest and data in motion
- Discuss strategies for safeguarding data, classifying data, ensuring privacy, assuring compliance with regulatory agencies, and working with authorities during legal investigations
- Contrast between forensic analysis in corporate data center and cloud computing environments

Audience:

- Cloud Security Architects
- Cloud Engineers
- Security Administrators
- Security Consultants
- Security Managers
- Systems Architects
- Enterprise Architects

Prerequisites:

- Five years of cumulative, full-time working experience in IT (three of which must be in information security, and one of which must be in one of the six CCSP CBK domains)

Course Outline:

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Domain 1. Cloud Concepts, Architecture and Design

Domain 2. Cloud Data Security

Domain 3. Cloud Platform & Infrastructure Security

Domain 4. Cloud Application Security

Domain 5. Cloud Security Operations

Domain 6. Legal, Risk and Compliance