Hands-On

CCSP Certification Prep

Course Description

Gain core knowledge and experience in cloud security architecture, design, operations, and service orchestration in this best-of-breed CCSP exam prep course.

This course is the most comprehensive review of cloud security concepts and industry best practices covering the six domains of the CCSP Common Body of Knowledge (CBK). You will gain knowledge in identifying the types of controls necessary to administer various levels of confidentiality, integrity, and availability, with regard to securing data in the cloud. You will identify the virtual and physical components of the cloud infrastructure with regard to risk management analysis, including tools and techniques necessary for maintaining a secure cloud infrastructure.

You will gain an understanding in cloud software assurance and validation, utilizing secure software, and the controls necessary for developing secure cloud environments. You will identify privacy issues and audit processes utilized within a cloud environment, including auditing controls, assurance issues, and the specific reporting attributes.

Students Will Learn

- **Architectural concepts and design requirements**
- **Cloud data security**
- **Cloud platform and infrastructure security**
- **Cloud application security**
- **Operations**
- **Legal and compliance**

Target Audience

Anyone whose position requires CCSP certification.
Individuals whose responsibilities involve procuring, securing, and managing cloud environments or purchased cloud services

Prerequisites

Experienced information security professionals with at least five years of IT experience, including three years of information

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security and at least one year of cloud security experience.

Course Outline

Module 1: Architectural Concepts

Module 2: Design Requirements

Module 3: Data Classification

Module 4: Cloud Data Security

Module 5: Security in the Cloud

Module 6: Responsibilities in the Cloud

Module 7: Cloud Application Security

Module 8: Operations Elements

Module 9: Operations Management

Module 10: Legal And Compliance, Part 1

Module 11: Legal And Compliance, Part 2

Delivery Method

Instructor-Led with Labs and exercises throughout.

Equipment Requirements

(This apply's to our hands-on courses only)

BTS always provides equipment to have a very successful Hands-On course. BTS also encourages all attendees to bring

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their own equipment to the course. This will provide attendees the opportunity to incorporate their own gear into the labs and gain valuable training using their specific equipment.

Course Length

5 Days

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