



Cloud Computing Security Knowledge - CCSK Plus (V3.1) H8P76S

This course slices through the hyperbole and provides students with the practical knowledge they need to understand the real cloud security issues and solutions. The training gives students a comprehensive review of cloud security fundamentals. Students will learn to apply their knowledge by performing a series of exercises and hands-on labs that brings a fictional organization securely into the cloud.

This course prepares students for the Cloud Security Alliance CCSK certification exam.

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Price USD \$1,995

**Links to local
schedules,
pricing and
registration** [US/Canada](#)
[Mexico/Latin America](#)
[Brazil](#)

HP course # H8P76S

Category Security

Duration 3 days

Course description

Beginning with a detailed description of cloud computing, the course covers all major domains in the latest Guidance document from the Cloud Security Alliance, and the recommendations from the European Network and Information Security Agency (ENISA). During the final day of training, students assess, build, and secure a cloud Infrastructure.

Hands-on is performed using the Amazon Cloud.

Audience

This class is geared towards security professionals, but is also useful for anyone looking to expand their knowledge of cloud security.

Prerequisites

We recommend attendees have at least a basic understanding of security fundamentals, such as firewalls, secure development, encryption, and identity management. For security foundations training, refer to the [HP Information Security Common Body of Knowledge curriculum](#).

Course objectives

- To provide students with a base of knowledge on cloud computing security theory and practice and assist students in taking the CCSK exam

Certifications/exams

- Cloud Security Alliance - CCSK

Course outline

Module 0: Course Introduction

Module 1: Introduction And Cloud Architectures

Module 2: Adapting Governance And Information Risk Mgt

Module 3: Compliance And Audit In The Cloud

Module 4: Physical And Administrative Controls

Module 5: Infrastructure Technology

Module 6: Securing Cloud Infrastructure

Module 7: Data Security For Cloud Computing

Module 8 Cloud Identity And Access Management

Module 9: Developing And Securing Cloud Applications

Module 10: Security As A Service

Module 11: Vendor Relationships

Module 12: Cloud Risk Assessment Exercise – Public Cloud

Module 13: Create And Secure A Public Cloud Instance Lab

Module 14: Encrypting A Storage Volume Lab

Module 15: Create And Secure a Cloud Application Lab

Module 16: Identity And Access Management Lab

Learn more at

hpe.com/us/training/security