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CCSP® Certification Preparation Course

ALL-IN-ONE: EXAMINATION INCLUDED IN PRICE

5 days (35 hours)

Presentation

Prove your cloud security expertise. CCSP® certification is the globally recognized credential for professionals in charge of cloud security.

During our CCSP® training course, you will review all the chapters present on the exam. In fact, we cover all 6 domains of the ISC2 CCSP® Common Body of Knowledge:

- Cloud computing concepts, architecture and design
- Data security in the cloud
- Platform and cloud infrastructure security
- Cloud application security
- Security operations in cloud computing
- Legal, risk and compliance

With the help of a certified trainer, we'll support you in your preparation. After learning the various modules, we'll give you the essential strategies for completing the test on time and generating maximum points.

This [certification](#) will greatly enhance your attractiveness to employers if you want a job in cloud computing.

Objectives

- Acquire the knowledge needed to pass the CCSP® exam
- Master information security knowledge in the six CBK domains
- Understanding security requirements in a cloud environment
- Acquire the knowledge needed to advise an organization on best practices in cloud security

Target audience

- ISD
- CISO
- Computer scientist
- Network administrator
- Cloud engineer
- Cybersecurity Consultant

Prerequisites

- 5 years' professional experience in IT, including 3 years in IT security
- Knowledge of cloud computing
- Understanding of technical English

Note: Ambient IT is not the owner of CCSP®, this certification belongs to ISC2®, INC.

CCSP® Certification Preparation Program

Cloud computing concepts, architecture and design

- Understanding cloud computing concepts
- Describe the cloud reference architecture
- Understand cloud computing security concepts
- Understand the design principles of secure cloud computing
- Evaluating cloud computing service providers

Data security in the cloud

- Describing cloud data concepts
- Design and implement data storage architectures in the cloud
- Design and implement data security technologies and strategies
- Implementing data discovery
- Implement data classification
- Designing and implementing information rights management (IRM)
- Plan and implement data retention, deletion and archiving policies
- Designing and implementing auditability, traceability and accountability of related events to the data.

Platform and cloud infrastructure security

- Understanding cloud infrastructure components

- Designing a secure data center
- Analyze the risks associated with cloud infrastructure
- Design and plan safety checks
- Disaster recovery (DR) and business continuity (BC) planning

Cloud application security

- Recommend training and awareness-raising on application security
- Describe the Secure Software Development Lifecycle (SDLC) process
- Apply the Secure Software Development Life Cycle (SDLC)
- Applying cloud software assurance and validation
- Use verified, secure software
- Understand the specifics of cloud application architecture
- Design appropriate identity and access management (IAM) solutions

Security operations in cloud computing

- Build and implement the physical and logical infrastructure of the cloud environment
- Operate and maintain the physical and logical infrastructure of the cloud environment
- Implement operational controls and standards
- Supporting digital forensics
- Manage communication with stakeholders
- Managing safety operations

Legal, Risks and Compliance

- Articulate legal requirements and unique risks in the cloud environment.
- Understanding privacy issues
- Understand the audit process, methodologies and adaptations required for a cloud environment
- Understand the implications of cloud computing for risk management at the company
- Understanding the design of outsourcing and cloud computing contracts

Strategies and tips for exam success Mock exam

FAQ - QUESTIONS / ANSWERS

In what language is CCSP® training taught? The training is in

French.

What language is used for the exam?

The exam is conducted in English.

Is the exam included in the course price?

Yes, the price of the certification is included in the cost of the training course (€555 excluding VAT for information purposes). You can take the exam at the end of the session.

How does the CCSP® certification exam work?

The exam consists of a multiple-choice test with 150 questions on the following topics:

- Cloud computing concepts, architecture and design
- Data security in the cloud
- Platform and cloud infrastructure security
- Cloud application security
- Security operations in cloud computing
- Legal, risk and compliance

It is taken online at an approved Pearson Vue test center in Paris. The exam

lasts 4 hours and is in English.

To pass this exam, you need to score at least 700 points out of a possible

1000. Can I take the exam remotely?

No, the exam must be taken at an official Pearson Vue center in Paris.

Companies concerned

This training course is aimed at both individuals and companies, large or small, wishing to train their teams in a new advanced computer technology, or to acquire specific business knowledge or modern methods.

Positioning on entry to training

Positioning at the start of training complies with Qualiopi quality criteria. As soon as registration is finalized, the learner receives a self-assessment questionnaire which enables us to assess his or her estimated level of proficiency in different types of technology, as well as his or her expectations and personal objectives for the training to come, within the limits imposed by the selected format. This questionnaire also enables us to anticipate any connection or security difficulties within the company (intra-company or virtual classroom) which could be problematic for the follow-up and smooth running of the training session.

Teaching methods

Practical course: 60% Practical, 40% Theory. Training material distributed in digital format to all participants.

Organization

The course alternates theoretical input from the trainer, supported by examples, with brainstorming sessions and group work.

Validation

At the end of the session, a multiple-choice questionnaire verifies the correct acquisition of skills.

Sanction

A certificate will be issued to each trainee who completes the course.