PURPLE GRIFFON
The IT Service Management Training & Consultancy Specialists

Course Title: Certified Cloud Security Professional (CCSP)	**Course Duration**: 5.0 Days
Exam: Included	**Exam Type**: Proctored Exam
Qualification: Certified Cloud Security Professional (CCSP) Certificate	

Course Syllabus

Our Certified Cloud Security Professional (CCSP) training course covers the following Modules:

Module 1: Cloud Concepts, Architecture and Design

- Understand cloud computing concepts
- Describe cloud reference architecture
- Understand security concepts relevant to cloud computing
- Understand design principles of secure cloud computing
- Evaluate cloud service providers

Module 2: Cloud Data Security

- Describe cloud data concepts
- Design and implement cloud data storage architectures
- Design and apply data security technologies and strategies
- Implement data discovery
- Plan and implement data classification
- Design and implement Information Rights Management (IRM)
- Plan and implement data retention, deletion, and archiving policies
- Design and implement auditability, traceability, and accountability of data events

Module 3: Cloud Platform and Infrastructure Security

- Comprehend cloud infrastructure and platform components
- Design a secure data centre
- Analyse risks associated with cloud infrastructure and platforms
- Plan and implementation of security controls
- Plan business continuity (BC) and disaster recovery (DR)

Module 4: Cloud Application Security

- Advocate training and awareness for application security
- Describe the Secure Software Development Life Cycle (SDLC) process
- Apply the Secure Software Development Life Cycle (SDLC)
- Apply cloud software assurance and validation
- Use verified secure software
- Comprehend the specifics of cloud application architecture
- Design an appropriate identity and access management (IAM) solution

Module 5: Cloud Security Operations

- Build and implement physical and logical infrastructure for the cloud environment
- Operate and maintain physical and logical infrastructure for cloud environment
- Implement operational controls and standards
- Support digital forensics
- Manage communication with relevant parties
- Manage security operations

Module 6: Legal, Risk, and Compliance

- Articulate legal requirements and unique risks within the cloud environment
- Understand privacy issues
- Understand audit process, methodologies, and required adaptations for a cloud environment
- Understand implications of cloud to enterprise risk management
- Understand outsourcing and cloud contract design

Course Overview

Our five-day Certified Cloud Security Professional (CCSP) training course is designed for security professionals seeking to enhance their knowledge of cloud security. The programme covers various aspects of data security, cloud infrastructure security, and information security. Through this training, participants will learn how to secure data centres, cloud environments, and cloud-based data access. The focus will be on cloud security solutions and techniques for detecting and responding to security incidents.

The training covers cloud computing technologies, including Microsoft Azure, as well as security practices related to physical infrastructure, cloud resource access control, and protection of sensitive data. Load balancers, security operations centres (SOCs), and cloud environment security will also be covered. Upon completion of the training, participants can attempt the CCSP exam, and earn the CCSP certification after passing the exam, which is a recognised industry standard for cloud security expertise.

Course Learning Outcomes

Our Certified Cloud Security Professional (CCSP) training course will teach you how to:

- Define Cloud Concepts, Architecture, and Design
- Implement Cloud Data Security
- Understand Cloud Platform and Infrastructure Security
- Secure Cloud Applications
- Operationalise Cloud Security
- Understand Legal, Risk, and Compliance
- Continue learning and face new challenges with after-course one-on-one instructor coaching

Audience

Our Certified Cloud Security Professional (CCSP) training course is available to a wide range of experienced individuals and organisations with backgrounds Cloud/Cyber/Information Security including but not limited to:

- Cloud Security Professionals
- IT Managers and Directors
- Security Architects
- Risk and Compliance Managers
- Cloud Solution Architects

- Security Consultants
- Network and System Administrators
- Security Analysts
- Cloud Service Providers
- Auditors
- Information Security Officers
- Cybersecurity Managers

Entry-Level Requirements

Our Certified Cloud Security Professional (CCSP) training course requires delegates to have a minimum of five years of cumulative, full-time working experience in IT (Information Technology) (three must be in information security, and one must be in one of the six CCSP CBK domains).

Those without the required experience can take the exam to become an Associate of ISC2; while working toward the experience needed for full certification.

Recommended Reading

There is no recommended reading for our Certified Cloud Security Professional (CCSP) training course.

What's Included

Our Certified Cloud Security Professional (CCSP) training course includes the following:

- 5-day instructor-led training course
- Official ISC2 content and training
- Exam voucher included in the course tuition
- After-course coaching available
- Pre-reading
- Course Manuel
- Quizzes
- Exercises

Exam Information

Certified Cloud Security Professional (CCSP) Examination:

- Duration: 4 hours
- Format: Multiple-choice
- Number of questions: 150

What's Next

You might enjoy our three-day Introduction To Cloud Computing training course.

Our three-day Introduction To Cloud Computing training course will teach you to evaluate and assess the business and technical benefits of cloud computing. Additionally, you'll gain the foundation to analyse cloud applications for use in your organisation and learn how cloud computing can provide efficient solutions to technical, business, and administrative challenges.

This introduction to cloud computing course includes 17 hours of Instructor-Led Training (ILT) or Virtual Instructor-Led Training (VILT) presented by a real-world cloud computing expert instructor.

Additional Information

Our Certified Cloud Security Professional (CCSP) training course offers several benefits to individuals and organisations including but not limited to:

- **Expertise Validation:** CCSP training helps individuals acquire in-depth knowledge and skills related to cloud security, including cloud architecture, governance, risk management, compliance, and more.
- **Global Recognition**: The CCSP certification is globally recognised and respected in the field of cloud security.
- **Career Advancement**: CCSP certification is highly regarded by employers, making certified professionals attractive candidates for roles such as cloud security architect, cloud security engineer, cloud security consultant, and more.
- **Industry Relevance**: Cloud security is a critical focus area in today's IT landscape as organisations increasingly migrate to the cloud.
- Enhanced Cloud Security Competence: CCSP training covers a wide range of cloud security domains, including cloud architecture, risk management, identity and access management, and more.
- **Risk Mitigation**: The CCSP certification equips you with the skills to identify, assess, and mitigate cloud-related security risks.
- **Networking Opportunities**: As you go through CCSP training, you'll have opportunities to connect with fellow professionals and instructors who are passionate about cloud security.
- **Organisational Benefits**: Organisations that invest in CCSP training for their employees benefit from having a skilled and certified workforce capable of effectively securing their cloud assets.
- **Legal and Compliance Expertise**: CCSP training includes coverage of legal and compliance considerations in cloud security.