



# الدورة التدريبية الاحترافية الكاملة في أمن الحوسبة السحابية

## الدورة التدريبية الاحترافية الكاملة في أمن الحوسبة السحابية

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### Course Overview:

The course provides a deep understanding of cloud security, covering key concepts and preparing participants for the ISC2 CCSP Certification. It emphasizes practical application through real-world examples, integrating industry best practices and exploring advanced topics such as virtualization security and cloud security compliance. Learners will be equipped to tackle technical and legal challenges in cloud security.

### Target Audience:

- Cloud Security Professionals
- IT Security Managers
- Aspiring CCSP candidates
- Cloud Computing Specialists
- IT professionals

### Targeted Organizational Departments:

- IT Security and Governance departments
- Risk Management and Compliance teams
- Cloud Infrastructure and Operations teams
- Application Development teams
- Legal and Compliance departments

### Targeted Industries:

- Financial Services
- Healthcare
- Technology and SaaS
- Government agencies
- Retail and E-commerce businesses

### Course Offerings:

By the end of this course, participants will be able to:



- Master the knowledge areas of the six CCSP domains, including cloud architecture security and cloud infrastructure security.
- Apply cloud security best practices in real-world scenarios.
- Conduct complete cloud security risk management assessments.
- Implement cloud security policies, including data encryption and secure cloud deployment models.
- Understand legal compliance cloud security and the governance frameworks required for secure cloud development.
- Prepare confidently for the ISC2 CCSP certification exam.

## Training Methodology:

The course includes interactive sessions, case studies, and group discussions. Participants engage in hands-on activities to apply cloud security best practices and methods. Group work addresses security threats and risk assessments, while case studies showcase security incidents and governance. Feedback sessions guide cloud data security, virtualization security, and security monitoring, enabling participants to confidently apply their knowledge in real-world cloud environments.

## Course Toolbox:

ebooks covering all six CCSP domains, including cloud platform and infrastructure security, cloud data security, and cloud application security.  
Case studies on cloud security threats, cloud computing compliance, and secure cloud deployment models.  
Online resources for further reading on cloud security best practices, encryption, and cloud security standards.

## Course Agenda:

### Day 1: Cloud Concepts and Architecture

- Introduction to Cloud Computing Concepts Topic 1: •
- Cloud Deployment Models and Multi-Cloud Architecture Topic 2: •
- Cloud Service Models IaaS, PaaS, SaaS Topic 3: •
- Cloud Computing Shared Responsibility Matrix and Considerations Topic 4: •
- Understanding Multi-tenancy and Resource Sharing in Cloud Topic 5: •
- Infrastructure as Code IaC Strategy Topic 6: •
- Key learnings on cloud architecture and deployment models Reflection & Review: •

### Day 2: Cloud Data Security and Encryption

- Cloud Data Lifecycle Management Topic 1: •
- Data Encryption Techniques Symmetric and Asymmetric Encryption Topic 2: •
- Understanding and Managing Data Roles Owner, Custodian, User Topic 3: •
- Data Protection Policies and Best Practices Topic 4: •
- Common Threats on Cloud Storage Malware, Vulnerabilities Topic 5: •
- Encryption Tools and Technologies in Cloud Topic 6: •
- Overview of cloud data security and encryption strategies Reflection & Review: •

### Day 3: Cloud Platform and Infrastructure Security

- Cloud Infrastructure Security and Virtualization Security Topic 1: •
- Containers and Kubernetes Security Best Practices Topic 2: •
- Serverless Computing and Microservices Security Topic 3: •
- Network Security in Cloud Firewalls, VPN, VLAN Segmentation Topic 4: •
- Securing Cloud Platforms through Software-Defined Networks SDN Topic 5: •
- Incident Response and Cloud Security Monitoring Topic 6: •
- Review of cloud infrastructure security and response strategies Reflection & Review: •

### Day 4: Cloud Application Security and Development

- Secure Cloud Application Development Practices Topic 1: •
- OWASP Top 10 Cloud Application Security Risks Topic 2: •
- DevOps and Cloud Security Integration Topic 3: •
- Penetration Testing in Cloud Environments Topic 4: •
- Secure Coding Practices and Software Development Methodologies Topic 5: •
- Third-Party Software Management and Vulnerability Testing Topic 6: •
- Review of secure application development and testing strategies Reflection & Review: •

### Day 5: Legal, Risk, and Compliance in Cloud Security

- Legal Compliance for Cloud Security PII, PHI, and Privacy Regulations Topic 1: •
- Risk Management Frameworks ISO 31000, NIST RMF Topic 2: •
- Business Continuity Planning BCP and Disaster Recovery DR Topic 3: •
- Cloud Security Standards and Frameworks CSA, PCI-DSS Topic 4: •
- Auditing Cloud Security Controls and Reporting Topic 5: •
- Vendor Management, SLAs, and Cloud Contracts Topic 6: •
- Comprehensive review of legal compliance, risk management, and cloud security Reflection & Review: •  
standards

### How This Course is Different from Other Cloud Security Courses:

This course provides complete coverage of cloud security certification Prep, including ISC2 CCSP exam preparation. It offers real-world examples, and the latest cloud security standards and frameworks. The interactive sessions ensure mastery of cloud security concepts, operations, and legal compliance. Ideal for cloud security experts seeking certification and career advancement.



## فئات الدورات التدريبية



HR TRAINING & DEVELOPMENT

دورات إدارة و تطوير الموارد البشرية



دورات إدارة و تحليل البيانات ودورات علم البيانات



دورات إدارة الجودة وتطوير العمليات



الدورات التدريبية في مجال البيئة والاستدامة



دورات التسويق وإدارة علاقات العملاء وإدارة المبيعات



دورات التدريب القانوني والمشتريات والتعاقدات



دورات الاتصال الجماهيري و السياسات والعلاقات العامة



دورات النظم السيرياني ودورات تقنية المعلومات



دورات الصيانة ودورات المجالات الهندسية المتنوعة



دورات الصحة والسلامة والأمن المهني



دورات السكرتارية و إدارة المكاتب



دورات الحوكمة وإدارة المخاطر والامتثال



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Training Center

## فئات الدورات التدريبية



دورات معتمدة من قبل هيئات دولية



دورات في مجالات القيادة والإدارة



دورات المهارات الشخصية وتطوير الذات



دورات المحاسبة و التمويل و دورات الإدارة  
المالية



دورات مكتب إدارة المشاريع وإدارة المشاريع  
الرشيقية

## مدن التدريب



أمستردام - هولندا



أكرا - غانا



أثينا - اليونان



أبوظبي - الإمارات العربية المتحدة



الدوحة - قطر



الدار البيضاء - المغرب



الجبيل - المملكة العربية السعودية



استنبول - تركيا



المنامة - مملكة البحرين



الكويت - الكويت



القاهرة - مصر



الرياض - المملكة العربية السعودية



بانكوك - تايلند



بالي - جمهورية اندونيسيا



بأكو - أذربيجان



باريس - فرنسا

## مدن التدريب



تيليسي - جورجيا



بوكيت - تايلاند



برشلونة - إسبانيا



براغ - جمهورية التشيك



دبي - الإمارات العربية المتحدة



جوهانسبرغ - جنوب إفريقيا



جنيف - سويسرا



جاكرتا - جمهورية إندونيسيا



سيول - كوريا الجنوبية



سان دييغو - الولايات المتحدة الأمريكية



زنجر - تنزانيا



روما - إيطاليا



طشقند - أوزبكستان



طرابزون - تركيا



شيكاغو - الولايات المتحدة الأمريكية



شرم الشيخ - مصر

## مدن التدريب



فيينا - النمسا



عن بعد - منصة زووم



عمان - المملكة الأردنية الهاشمية



طوكيو - اليابان



لندن - المملكة المتحدة



لانكاوي - ماليزيا



كيب تاون - جنوب إفريقيا



كوالالمبور - ماليزيا



مونترنو - سويسرا



مسقط - سلطنة عمان



مدريد - إسبانيا



ماربيا - إسبانيا



نيس - فرنسا



نairobi - كينيا



ميونخ - ألمانيا



ميلان - إيطاليا

# WHO WE ARE

Agile Leaders is a renowned training center with a team of experienced experts in vocational training and development. With 20 years of industry experience, we are committed to helping executives and managers replace traditional practices with more effective and agile approaches.

## OUR VISION

We aspire to be the top choice training provider for organizations seeking to embrace agile business practices. As we progress towards our vision, our focus becomes increasingly customer-centric and agile.

## OUR MISSION

We are dedicated to developing value-adding, customer-centric agile training courses that deliver a clear return on investment. Guided by our core agile values, we ensure our training is actionable and impactful.

## WHAT DO WE OFFER

At Agile Leaders, we offer agile, bite-sized training courses that provide a real-life return on investment. Our courses focus on enhancing knowledge, improving skills, and changing attitudes. We achieve this through engaging and interactive training techniques, including Q&As, live discussions, games, and puzzles.



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