

INFOSOFT IT SOLUTIONS

Training | Projects | Placements

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CCSP TRAINING COURSE

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

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

Cloud Platform & Infrastructure Security

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

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 appropriate Identity and Access Management (IAM) solutions

Cloud Security Operations

- Build and implement physical and logical infrastructure for cloud environment
- Operate and maintain physical and logical infrastructure for cloud environment
- Implement operational controls and standards (e.g., Information Technology Infrastructure Library (ITIL), International Organization for Standardization/International Electrotechnical Commission (ISO/IEC 20000-1))
- Support digital forensics
- Manage communication with relevant parties
- Manage security operations

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