Cloud Computing Security Knowledge (CCSK)

Structured technical training and certification preparation

A practical, student-friendly outline covering architecture, governance and Enterprise Risk, legal Issues- Contracts and Electronic, compliance and Au...

MODULES
14

LESSONS
62

FORMAT
Self-paced

Module Breakdown

MODULE 1

Architecture
Cloud Security Overview-Part1
Cloud Security Overview-Part2
Cloud Diagrams
Cloud Services

MODULE 2

Governance and Enterprise Risk
Risk Management
Corporate Governance
Enterprise Risk Management
Risk Management Balance Process Supply Chain Security
ERM Incidents Recommendations-Part1
ERM Incidents Recommendations-Part2
ERM Incidents Recommendations-Part3

MODULE 3

Legal Issues- Contracts and Electronic
Cloud Legal Issues-Part1
Cloud Legal Issues-Part2
Cloud Legal Issues-Part3

MODULE 4

Compliance and Audit Management
Audits
Compliance And Audit
Audit Recommendations
Audit Requirements

Module Breakdown (continued)

MODULE 5

Information Management and Data Security

Information And Security
Storage
Information Governance Classification
Data Security
Protecting Data Moving
Client Database Encryption
PaaS Encryption

MODULE 6

Interoperability and Portability

Interoperability And Portability
Interoperability Recommendations
Portability Recommendations
Recommendations SAAS

MODULE 7

Traditional Security, Business Continuity, and Disaster Recovery

Business Continuity And Disaster Recovery
Assessing CSP Security
Equipment Maintenance
Recommendations

MODULE 8

Data Center Operations

Data Center Operations

MODULE 9

Incident Response

Incident Response
Testing
IaaS
C.E.R.- Containment, Eradication, And Recovery

MODULE 10

Application Security

Application Security
Security Testing
Audit Compliance
Security Assurance Recommendations

MODULE 11

Encryption and Key Management

Encryption And Key Management
Content Aware Encryption
Storage Of Keys

MODULE 12

Identity, Entitlement, and Access Management

Building Access Control
Intro To Identity
Entitlement Process
Trust With Identity
Recommendations For Identity Management

MODULE 13

Virtualization

Virtualization
Hypervisor And Virtual Machine
Inter-Virtual Machine Attacks
Virtual Machine Encryption
Virtual Machine Recommendations And Requirements

MODULE 14

Security as a Service

Security As A Service
Security Offerings
Intrusion Detection Prevention
Business Continuity And Disaster Recovery
European CCSK
Top Security Benefits
European Legal Based Issues