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Cloud Computing Security Knowledge (CCSK)

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 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

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