

CCSK (Certificate of Cloud Security Knowledge)

Help students:

- ⇒ Preparing to take the Certificate of Cloud Security Knowledge (CCSK) Certification Exam, provide exam notes, Practice exams which will include a series of practice exam questions from each domain.
- ⇒ Interactive Question & Answer sessions and comprehensive reading material
- ⇒ Design, build, and maintain a secure cloud business environment

Below domains will be covered: -

Module 1: Cloud Architecture

1.0 Cloud Security Overview Part 1

1.1 Cloud Security Overview Part 2

1.2 Cloud Diagrams

1.3 Cloud Services

Module 2: Governance and Enterprise Risk

2.0 Risk Management

2.1 Corporate Governance

2.2 Enterprise Risk Management

2.3 Risk Management Balance Process | Supply Chain Security

2.4 ERM Incidents

Module 3: Legal Issues - Contracts and Electronic

3.0 Cloud Legal Issues

3.1 Cloud Legal Issues - Possession, Contract Consideration

Module 4: Compliance and Audit Management

4.0 Audits

4.1 Compliance & Audit

4.2 Audit Recommendations

4.3 Audit Requirements

Module 5: Information Management and Data Security

5.0 Information & Security

5.1 Storage

5.2 Information Governance | Classification

5.3 Data Security

5.4 Data Security Part 2 - Protecting Data Moving

5.5 Client Database Encryption

5.6 PaaS Encryption

Module 6: Interoperability and Portability

6.0 Interoperability & Portability

6.1 Interoperability Recommendations

6.2 Portability Recommendations

6.3 Recommendations SaaS

Module 7: Traditional Security, Business Continuity, and Disaster Recovery

7.0 Business Continuity & Disaster Recovery

7.1 Assessing CSP Security

7.2 Equipment Maintenance

7.3 Recommendations

Module 8: Data Center Operations

8.0 Data Center Operations

Module 9: Incident Response

9.0 Incident Response

9.1 Testing

9.2 IaaS

9.3 C.E.R. = Containment, Eradication, & Recovery

Module 10: Application Security

10.0 Application Security

10.1 Security Testing

10.2 Audit Compliance

10.3 Security Assurance Recommendations

Module 11: Encryption and Key Management

11.0 Encryption & Key Management

11.1 Content Aware Encryption

11.2 Storage of Keys

Module 12: Identity, Entitlement, and Access Management

12.0 Building Access Control

12.1 Intro to Identity

12.2 Entitlement Process

12.3 Trust with Identity

12.4 Recommendations for Identity Management

13.0 Virtualization

13.1 Hypervisor & Virtual Machine

13.2 Inter-Virtual Machine Attacks

13.3 Virtual Machine Encryption

13.4 Virtual Machine Recommendations & Requirements

Module 14: Security as a Service

14.0 Security as a Service (SaaS)

14.1 Implementing Advantages

14.2 Security Offerings

14.3 Intrusion Detection | Prevention

14.4 Business Continuity & Disaster Recovery

14.5 European CCSK

14.6 Top Security Benefits

14.7 European Legal Based Issues

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