KOENIG
step forward

CCSK plus V4

Duration: 24 Hours (3 Days)

Overview

The CCSK Plus V4 course is a comprehensive certification program designed to provide an in-depth understanding of cloud security. This course covers a broad range of topics, from cloud computing concepts and architecture to Governance, risk management, and Compliance. It equips learners with the necessary skills to effectively secure cloud environments and understand the complexities of cloud security challenges.By delving into the specified domains, participants will explore Cloud infrastructure, legal issues, information Governance, and incident response. Lessons such as understanding Different service models, Core account security, E-discovery tools, and Application security, are tailored to provide hands-on experience and practical knowledge.The CCSK cloud certification is recognized globally and can be a valuable asset for IT professionals looking to enhance their cloud security expertise. The CCSK certification cost is an investment in one's professional development, aiming to bolster one's understanding of cloud security best practices and principles, thus preparing individuals for the ever-evolving cloud landscape.

Audience Profile

The CCSK Plus V4 course is designed for IT professionals focused on cloud security, governance, and compliance. It prepares for cloud security challenges.

- Cloud Security Engineers
- Cloud Architects
- IT Security Analysts
- Cloud Compliance Auditors
- Information Security Managers
- Risk Management Officers
- Data Protection Officers
- Network Security Specialists
- IT Governance Professionals
- Cybersecurity Consultants
- Systems Administrators dealing with cloud infrastructure
- DevOps and DevSecOps Engineers
- Cloud Service Providers' Security Teams
- Incident Response and Forensics Analysts dealing with cloud data

Course Syllabus

DAY FIRST:

- DOMAIN: 1 CLOUD COMPUTING CONCEPT AND ARCHITECTURE
- DOMAIN: 2 GOVERNANCE & RISK MANAGEMENT
- DOMAIN: 3 LEGAL ISSUE CONTRACT & E-DISOVERY
- DOMAIN: 4 COMPLIANCE & AUDIT MANAGEMENT

- LAB TOPICS: OVERVIEW & UNDERSTANDING THE DIFFERENT SERVICE MODEL
- CORE ACCOUT SECURITY
- AMAZON EC2 LAB
- BILLING MODEL
- COMPLIANCE MODEL
- GOVERNACE STRCTURE
- E-DISCOVERY TOOL
- INSPECTOR TOOL IN AWS

DAY SECOND:

- DOMAIN: 5 INFORMATION GOVERNANCE
- DOMAIN: 6 MANAGEMENT PLANE AND BUSINESS CONTUNITY
- DOMAIN: 7 INFRASTRCTURE SECURITY
- DOMAIN: 8 VIRTUALIZATION & CONTAINERS
- DOMAIN: 9 INCIDENT RESPONSE
- DOMAIN: 10 APPLICATION SECURITY
- LAB TOPICS: SECURE AWS ROOT ACCOUNT
- CONFIGURE BASELINE SECURITY MONITORING
- IAM & MONITORING IN DEPTH
- MONITORING & ALERTING
- NETWORK & INSTANCE SECURITY
- LAUNCE, SECURE & CONNECT TO INSTANCE
- ADVANCE TEMPLATES IN AWS
- ENCRYPTION & STORAGE SECURITY
- APPLICATION SECURITY & FEDERATION

DAY THREE:

- DOMAIN 11: DATA SECURITY & ENCRYPTION
- DOMAIN 12: IDENTITY, ENTITLMENT & ACCESS MANAGEMENT
- DOMAIN 13: SECURITY AS A SERVICE
- DOMAIN 14: RELATED TECHNOLGIES
- LAB TOPICS: FEDERATION IDENTITY WITH OPENID
- RISK & PROVIDER ASSESSMENT WITH CCM & CAIQ