CCSK-P - CCSK - Certificate of Cloud Security Knowledge Plus

CSSK - CCSK - Cyber Security

Durata:	Lingue:	Certificazione:
2 Giorni	**Italiano**	**-**

Descrizione del corso

The CCSK Plus class builds upon the CCSK Foundation class with expanded material and extensive hands-on activities with a second day of training. Students will learn to apply their knowledge as they perform a series of exercises as they complete a scenario bringing a fictional organization securely into the cloud. This second day of training includes additional lecture, although student's will spend most of their time assessing, building, and securing a cloud infrastructure during the exercises Corso erogato in collaborazione con CSA Cloud Security Alliance Italy

Programma

MODULO 1 – Introduction to Cloud Computing

- NIST definitions
- Essential characteristics
- Service models
- Deployment models

MODULO 2 – Infrastructure Security for Cloud

- Securing base infrastructure
- Management plane security
- Securing Virtual Hosts and Networks
- IaaS, PaaS, SaaS security

ESERCITAZIONE 1 – Core account security

- Secure root account
- Configure baseline security monitoring

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ESERCITAZIONE 2 – Iam & monitoring in-depth

- Iam & entitlements
- Monitoring & alerting

MODULO 3 – Managing Cloud Security and Risk

- Risk and Governance
- Legal and Compliance
- Audit
- Data governance

ESERCITAZIONE 3 – Network & instance security

- Secure a virtual private cloud (VPC)
- Launch, Secure, and Connect to Instances

MODULO 4 – Data Security for Cloud

- Cloud Data Architectures
- Data Security and encryption
- CASB and Data Loss prevention
- BC/DR

ESERCITAZIONE 4 – Encryption and storage security

- Encrypting an ebs volume
- Review your inspector findings

MODULO 5 – Securing Cloud Applications, Users and related technologies

- Application Security
- Identity and Access management
- Related technologies

ESERCITAZIONE 5 – Application security & federation

- Federate identity with openid
- Connect to a partner site via openid

MODULO 6 – Cloud Security operations

- What to look for in a cloud provider
- Security as a Service
- Incident response

ESERCITAZIONE 6 – Risk & provider assessment lab

- Evaluate a Cloud provider using CCM