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## 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

#### **ITCore Group**

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#### **ESERCITAZIONE 2 - Iam & monitoring in-depth**

- lam & 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

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