Training: Mile2
C)CSO - Certified Cloud Security Officer

TRAINING GOALS:

The Cloud is being widely adopted today for a diverse set of reasons. However, many are finding that security in the cloud is a huge challenge - either because of implementation or governance. Yes, governance of security, related to your cloud vendor is a huge challenge. However, many global standards have been developed that provide a great baseline for cloud security along with governance. This course combines the knowledge from the leading global standards of cloud security into one class. We also provide practical skills regarding implementing cloud security, auditing and compliance. This is all managed by a unique delivery of cloud security along with the hands-on labs needed to truly understand what is happening to your data at all the layers of the cloud stack. This relevant course introduces many technologies used in the cloud from implementing a private cloud architecture to using a new key management solution from various vendors.

Course Objectives:

- To fully understand Cloud Security from a real-world viewpoint
- To receive the hands-on experience needed to implement Cloud Security with practical implementations
- To comprehend the industry security standards for both exam knowledge and implementation
- To have a general working knowledge of what to audit in a cloud architecture.
- To know hands-on methods of auditing a cloud environment from the best practices viewpoint.
- To understand how compliance is viewed and dealt with in the cloud.
- To gain the knowledge needed to pass the exam

Upon completion:

- The **C)CSO Certified Cloud Security Officer** candidate will not only be able to competently take the **C)CSO exam** but will also understand basic cloud security knowledge to keep companies' IP and IT infrastructure safe.

Who Should Attend:

- Virtualization Administrators
- Cloud Administrators,
- CIO
- Virtualization and Cloud Auditors
- Virtualization and Cloud Compliance Officers

Compendium Centrum Edukacyjne Spółka z o.o.
ul. Tatarska 5, 30-103 Kraków, tel.: (12) 298 47 77
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- anyone that needs a general understanding of security in the Cloud
- those seeking the **CCSP Certification**.

Accreditations & Acknowledgements

Mile2® is:

- ACCREDITED by the NSA CNSS 4011-4016
- MAPPED to NIST / Homeland Security NICCS's Cyber Security Workforce Framework
- APPROVED on the FBI Cyber Security Certification Requirement list (Tier 1-3)

CONSPECT:

- Introduction to Cloud Computing and Architecture
- Cloud Risks
- ERM and Governance
- Legal Issues
- Virtualization
- Data Security
- Data Center Operations
- Interoperability and Portability
- Traditional Security
- BCM and DR
- Incident Response
- Application Security
- Encryption and Key Management
- Identity, Entitlement and Access Management
- Auditing and Compliance

REQUIREMENTS:

- Recommended minimum one-year experience with virtualization technology or equivalent knowledge. General understanding of cloud architectures. Minimum one-year experience with general security.

Difficulty level



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CERTIFICATE:

The participants will obtain **certificates** signed by **Mile2** (course completion).

This course will help prepare you for the **Certified Cloud Security Officer exam**, which is available through the on-line Mile2's Assessment and Certification System ("MACS"), and is accessible on your mile2.com account. The exam will take 2 hours and consist of 100 multiple choice questions.

Each participant in an authorized C)CSO - Certified Cloud Security Officer will receive a free CCSO exam voucher.

TRAINER:

Certified Mile2 Instructor.

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