Training: Mile2
C)SP - Certified Security Principles

TRAINING GOALS:

Mile2®'s **C)SP+ Certified Security Principles+** course provides the skills necessary to apply and implement technical knowledge of security concepts in today's security environment. Students will gain an in depth knowledge of systems security, access control, network infrastructure, assessments and audits, cryptography and organizational security across all vendor products. These skills have become increasingly important, as additional safeguards such as intrusion detection systems, physical access control, and multi-factor authentication become standard methods of protection. Students are given real-world scenarios to reinforce the material covered and will learn how to apply the concepts to their daily operations.

Course objectives

- Fully understand Security from a real-world viewpoint
- Implement security controls on systems within an environment, network, data, servers, host, mobile, cloud
- Understand risk management and how each individual or department can be part of reducing risk
- Understand cryptography at the basic level to ensure a company is implementing this correctly
- Understand how to impose controls for mobile and IoT devices
- Prepare for the **CSP+ or Security+ certification**
- Become part of the solution for improving the security posture of your company

Upon completion

Upon completion, the **Certified Security Principles+** candidate will not only be able to competently take the **CSP+ exam** but will also understand basic cybersecurity knowledge to keep companies' IP and IT infrastructure safe.

Who Should Attend

- IT Professionals
- Server Administrators
- Network Administrators
- Virtualization and Cloud Administrators
- anyone that needs a general understanding of security
- those seeking the Security+ Certification, 8570 Directive

Compendium Centrum Edukacyjne Spółka z o.o.
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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:

- Class Introduction
- Introduction to **IT Security**
- Risk Management
- Understanding of Cryptography
- Understanding Identity and Access Management
- Managing Data Security
- Managing Network Security
- Managing Server/Host Security& Scanning
- Application Security for Non-Developers
- Understanding Mobile Device Security (IoT)
- Managing Day to Day Security
- Understating Compliance and Auditing

REQUIREMENTS:

- Recommended minimum one-year experience with server administration or network administration.
- General understanding of business processes is beneficial.

Difficulty level



CERTIFICATE:

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

This course will help prepare you for the **Certified Security Principles+ 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**

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participant in an authorized C)SP+ - Certified Security Principles + will receive a free CSP+ exam voucher.

TRAINER:

Certified Mile2 Instructor.

ADDITIONAL INFORMATION:

We also recommend further training and certification:

- **C)ISSO** - **Certified Information Systems Security Officer**
- **IS20 Security Controls**
- **C)SLO** - **Certified Security Leadership Officer**

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