Training: Mile2
C)VA - Certified Vulnerability Assessor

TRAINING GOALS:

Mile2's Vulnerability Assessor course, C)VA provides an solid understanding of the tools an IT engineer needs to review an Information System. In this course, you will learn the importance of vulnerability assessments and how they are used to prevent serious cyber break-ins. Lessons include understanding malware and viruses and how they can infiltrate an organization's network. After you take this course, you will be able to assess a company's security posture and perform a basic vulnerability test. Plus, you will be able to generate reports to guide new security implementation.

Upon completion

Upon completion, the Certified Vulnerability Assessor candidate will be able to competently take the C)VA exam.

Each participant in an authorized Mile2 C)VA training held in Compendium CE will receive a free CVA Certified Vulnerability Assessor exam voucher.

Who Should Attend

- Information System Owners
- Analysts
- Ethical Hackers
- ISSOs
- IT Engineers
- Cyber Security Managers

Mile2® is:

ACCREDITED by the NSA CNSS 4011-4016 https://mile2.com/accreditations/

MAPPED to NIST / Homeland Security NICCS's Cyber Security Workforce Framework https://mile2.com/niccs/

APPROVED on the FBI Cyber Security Certification Requirement list (Tier 1-3)

Compendium Centrum Edukacyjne Spółka z o.o.
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CONSPECT:

- Why Vulnerability Assessment
  - What is a Vulnerability Assessment?
  - Examination
  - Benefits of a Vulnerability Assessment
  - What are Vulnerabilities?
  - Compliance and Project Scoping
  - The Project Overview Statement
  - Assessing Current Network Concerns
  - Network Vulnerability Assessment Methodology
  - Risk Management
  - What is the Value of an Asset?
  - Types of Policy
- Vulnerability Types
  - Vulnerability Severity and Critical Vulnerabilities
  - Information Leaks
  - Denial of Service and Best Practices
- Introduction to Patch Management
  - What is Patch Management?
  - Different Types of Patches
  - Why Patch Management is Necessary
  - Patch Management Process
- Patch Management Program Challenges
  - Timing, Prioritization, and Testing
  - Patch Management Configuration
  - Alternative Host Architectures
  - Other Challenges
- Patch Management Technologies
  - Components and Architecture
  - Security Capabilities
  - Management Capabilities
- Vulnerability Assessment Tools of the Trade
  - Types of Vulnerability Scanners
  - Cyber Vulnerability Assessment Tools
- Metrics

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- Vulnerability Severity
- Reportable Vulnerabilities
- Readability Factor
- Tool Output and Data Provided
- Compliance Audits

REQUIREMENTS:

Suggested prerequisites:

- Basic Networking Understanding

Difficulty level



CERTIFICATE:

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

This course will help prepare you for the Certified Vulnerability Assessor CVA exam, which is available through the on-line Mile2's Learning Management System, and is accessible on your mile2.com account. A minimum grade of 80% is required for certification.

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TRAINER:

Certified Mile2 Instructor

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