CyberVista®

Vulnerability
Assessment & Management

Detect. Assess. Respond.

Whether it's the Blue, Red, or Purple Team, Vulnerability Management is a critical component in protecting the organization from cyber-attacks. Where the Security Operations Center (SOC) is responsible for putting out fires, the role of Vulnerability Management is to assess, prioritize, and resolve weaknesses in enterprise systems before getting the SOC involved.

On top of detection and evaluation responsibilities, Vulnerability Analysts must know how to effectively translate reports and mitigation strategies to different stakeholders within the organization, from the SOC to the C-suite. Vulnerability Management is not just an audit to check a box, but a constant reevaluation process necessary for continuous and effective risk management.

Domain 1, Risks and Threats

What is the Vulnerability Assessment and Management Course?

The Vulnerability Assessment and Management course is a 5-hour, 100% online introductory training program to the field of Vulnerability Assessment, with an emphasis on reporting and analysis. This course also includes 2 hours of lab exercises plus an optional, custom live online session.

Domain 1, Risks and Threats

Who should take this course?

- Blue/Red/Purple Team

- Vulnerability Assessors, Analysts, and Managers

- Cybersecurity and Infosec Managers

- IT making the transition to cybersecurity

- ISO-27001 Implementor

Benefits of Training

- Improve detection and evaluation capabilities of enterprise vulnerabilities

- Effectively describe threats and recommend mitigation techniques with different stakeholders

- Boost comprehension and retention with real-life, hands-on scenarios

Course Domains

1 RISKS & THREATS

- **Unit 1: Risk Analysis -** Explain the relationship between vulnerabilities, threats, likelihood, impact, and response in cybersecurity risk analysis within an organization.

- **Unit 2: Threat Modeling -** Identify and categorize the likely threats that may target types of businesses.

2 MANAGING & REPORTING VULNERABILITIES

- **Unit 1: Vulnerability Management -** Describe the steps in vulnerability assessment, and how to collaborate with the security team and communicate with the rest of the company.

- **Unit 2: Vulnerability Reporting -** Given a series of vulnerability scans, describe how to report the threats to the business.

3 DETECTING & MITIGATING VULNERABILITIES

- **Unit 1: Defensive vs. Offensive Detection -** Explain how blue and red teams use reconnaissance techniques to locate targets and identify potential vulnerabilities. Provide recommendations on remediation steps.

- **Unit 2: Common Enterprise Vulnerabilities and Mitigations -** Given an enterprise asset, choose the appropriate vulnerability tool to automate assessment. Describe and recommend mitigation techniques for common vulnerabilities.

What's included?

A full featured learning management system (LMS) enables both leaders and participants to access training materials throughout the program while also tracking progress and performance. This course also includes:

- **Diagnostic Assessment:** Easily administer a diagnostic assessment used to determine each team member's strengths and weaknesses.

- **Video Lesson Library:** Modular and engaging on-demand video lessons.

- **Expert Interviews:** Interviews with cybersecurity and IT leaders to provide context and real-world examples.

- **Knowledge Check Assessments:** Short, micro-quizzes throughout the lesson content to ensure engagement and knowledge retention.

- **Practice & Hands-on Activities:** Take-home activities and optional hands-on labs to reinforce practical applications of security concepts.

- **Final Assessment:** Participants conclude training with a final assessment to demonstrate knowledge and skills gained.

Your workforce needs work.

Interested in learning more about how CyberVista's Vulnerability Assessment and Management course can help your organization? Connect with our team for a free consultation.

For more information contact us at **sales@cybervista.net** or call **844-558-4782.**

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