TECHGUARD SERVICES
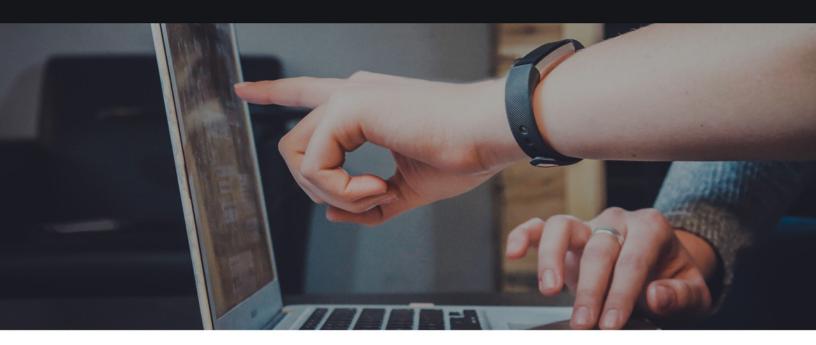## Vulnerability Assessment

TECHGUARD
SECURITY®

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WHAT IS A VULNERABILITY ASSESSMENT?

A Vulnerability Assessment is the testing process used to identify, quantify and rank security vulnerabilities in a computing environment. This process involves automated and manual techniques with varying degrees of rigor and emphasis on the different layers of technology, most common being host, network, and application-layer assessments.

The SANS Institute writes that "Vulnerability Assessments are an important mechanism through which organizations can identify potential security exposures and have a process in place to correct any deficiencies".

WHY SHOULD VULNERABILITY ASSESSMENTS BE PERFORMED?

In today's connected world, malicious actors are taking advantage of every known system vulnerability to breach networks and exfiltrate data for financial gain.

The Vulnerability Assessment is of utmost importance for organizations to:

- Secure critical IT assets
- Maintain an awareness of the vulnerabilities in the environment
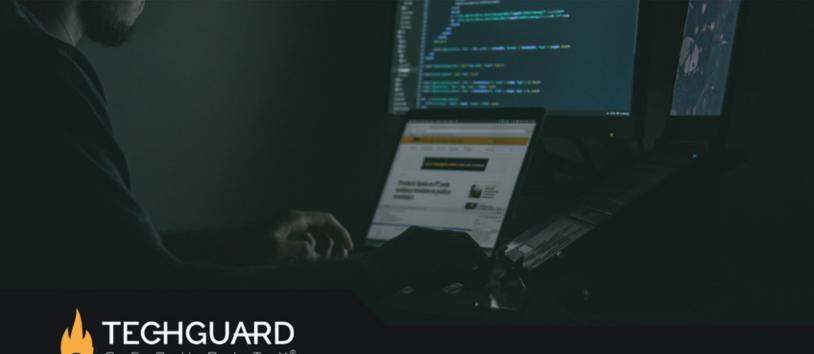- Gain and maintain the ability to respond quickly to mitigate potential threats

Additionally, Vulnerability Assessments are a valuable tool in validating security remediation efforts.

HOW DOES TECHGUARD APPROACH VULNERABILITY ASSESSMENTS?

TechGuard Cybersecurity Specialists are trained to perform External and Internal Vulnerability Assessments that utilize open source and commercial tools. This gives us the ability to obtain the most reliable and accurate results for an in-depth view of existing security flaws in networks. This approach allows our Cybersecurity Specialists to mimic how an attacker could realistically penetrate an organization's perimeter security.

Upon completion of the Vulnerability Assessment, a consumable report is generated that includes up-to-date remediation reference material.

TechGuard's reporting methodology provides a current snapshot of the vulnerabilities that exist within the environment. Each vulnerability is ranked on a scale from Critical, High, Medium, to Low. Detailed and actionable information on how to remediate and/or mitigate the discovered vulnerabilities is also included in the report.

WHAT IS THE TECHGUARD DIFFERENCE?

We pride ourselves in building and maintaining long-term relationships with our clients. This ensures each client receives a tailored, customized service based on their unique organizational needs. From the initial kickoff meeting to delivery of the finalized Vulnerability Assessment Report, client satisfaction is our number one concern.

At TechGuard, we place the utmost value on the delivery of quality services. Every client is assigned a Project Lead who will serve as their single point of contact throughout the engagement.

In addition to the detailed written report provided at the end of the assessment, clients engage in a presentation with their Project Lead. Our report delivery presentation provides the opportunity to discuss details of important action items, next steps, and answer any questions related to remediation recommendations.

TechGuard has been dedicated to delivering high-end, professional cybersecurity solutions since 2000 - making us a trusted partner in both the government and private sectors.