Offense is the best defense in identifying security vulnerabilities

Penetration Testing from Eagle Technologies

Penetration Testing is an effective tool in uncovering any holes in your security posture before a bad actor can wage a targeted attack against your organization. This exercise identifies gaps in your security defenses, monitoring and incident response capabilities. Eagle Technologies' Penetration Testing utilizes offensive security activities and proprietary methodologies to scan for known vulnerabilities, as well as in-depth manual research and custom exploitation development.

Black Box Penetration Testing: Complete AdversaryThreat Simulation

Eagle Technologies skilled penetration testers take on the role of a threat actor on the public internet. With little to no information about your organization -- other than what we can discover publicly -- our team meticulously crafts targeted attacks against your organization using the latest tools and techniques. This type of engagement typically lasts from one to three weeks, depending on the size of your organization and number of assets encompassing the project.

White Box Penetration Testing: Focused Security Control Validation

White Box Penetration Testing is focused and aided by information supplied by the client prior to the engagement. The client typically provides detailed information regarding a particular asset of concern within their organization. This could be anything from a web application, desktop software, internal database systems, or Windows Active Directory environments. The client provides Eagle with any internal documentation, credentials, network access or source-code necessary to perform security control testing and validation against the target assets.

Gray Box Penetration Testing: Curated Threat Simulation

Gray Box Testing assumes some level of breach has already occurred in your environment. Utilizing techniques of both Black Box and White Box testing, Gray Box Penetration Testing is a more curated offering for organizations with specific security concerns in their environment.

Many organizations aren't interested in full adversary threat simulation (Black Box) but want someone to test the internal security of their Windows Active Directory environment, a particular application, or asset. Internal network access is provided to Eagle but important information, documentation or credentials are still withheld (as opposed to a White Box engagement). This allows Eagle to simulate security control validation against particular assets without going through the complete adversary simulation found in Black Box testing.

Penetration Testing Benefits

- Visibility and insight into known security vulnerabilities and software misconfigurations before they can be abused by a threat actor
- Validation that security controls are effective
- In-depth testing against internal defenses, logging, EDR systems
- Detailed reporting of your assets, security flaws, exploitability and remediation techniques
- Overall analysis of security posture and guidance to address any weaknesses
- Complete adversary threat simulation against your entire external infrastructure, internal assets, and applications
- Follow up vulnerability scans ensure that exploitations have been secured

We're here to provide total guidance with expert Penetration Testing

With forty years of focus in data protection, Eagle Technologies is applying our expertise to a data protection strategy with our focus on cybersecurity. You can trust our Penetration Testing Service to provide guidance and peace of mind that your systems are secure. You can be confident your data is in good hands with Eagle Technologies. Contact us today for more details.

eagle™
TECHNOLOGIES

Eagle Technologies provides storage, data management, backup, DR, virtualization, managed services and security services. Our goal is to create dynamic, easy-to-use solutions by coupling industry leading technologies with our expertise and award winning services. We're Eagle, and we're people making technology easy.

People making technology easy.