covenco
DATA MANAGEMENT & INFRASTRUCTURE 365

DATASHEET

PENETRATION TESTING

Stay ahead of cyber attacks and protect your business-critical data with Covenco's Penetration Testing service

Benefits at a glance

- Management of your cyber risk
- Allows for remediation, before an adversary takes advantage of them.
- Protects customers, partners and third parties
- Allows you to understand the environment and the types of cyber attacks that your organisation may face
- Identifies a range of vulnerabilities you didn't know were there
- Reports will provide granular and specific advice for the next steps

What is a Penetration Test?

Penetration testing (pen test) is a real-world assessment of the security vulnerabilities within a defined area of an organisation's infrastructure and systems.

It attempts to give a realistic view of what a malicious user would be able to accomplish. Vulnerabilities are identified and exploited to access systems, retrieve sensitive data and compromise security mechanisms.

Eliminate security weaknesses with penetration testing

Pen testing and cyber security audits are vital in ensuring that the controls you have in place protect your company data. During testing, it is often discovered that the technologies, procedures, and processes an organisation considered adequate were either misconfigured, inappropriate, or not actually in place.

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What's included in the Covenco Pen Test Service?

Testing Strategy

We will discuss the type of testing, black, white, and grey box testing techniques, you should select to meet your objectives.

Testing Methodology

All testing will follow the industry standard process of The Open-Source Security Testing Methodology Manual (OSSTMM) or Open Web Application Security Project (OWASP) for web application related tests.

Testing Partner

For customers with defence contracts or 'secret' data, it will be a requirement when selecting your Security Partner that you choose a government accredited pen testing company such as ourselves. These companies are known as CHECK 'Green Light' Companies.

Testing Specialism

We can offer all types of penetration testing, including advanced persistent threat (APT) testing through to social engineering, cloud pen testing and full security audits.

Testing Type

External Network Layer Test – a blind (black box) pen test of your external/public IP addresses.

External/Web Application/ Web Services Test – a focused penetration test of a web application/site. This can be carried out on a variety of applications i.e., company website; intranet; Citrix; company hosted sites; externally hosted sites.

Internal Infrastructure Test – any business device can be included as part of an internal test i.e., servers; desktops; laptops; WIFI; VOIP; BES; mobility devices such as tablets, etc.

Covenco Peneteation Testing Service Features & Benefits:

- Assess the feasibility of an attack and the potential risks from such an event taking place
- Demonstrate what a hacker / malicious user would be able to achieve if they accessed your network
- Explain the business impact of the vulnerabilities being discovered and exploited by a malicious user
- Expose issues that an automated scanner would not always identify
- Cover logic-based applications (i.e., web applications) in depth from a user's perspective
- Allows for remediation, before an adversary takes advantage of them

About Covenco

With more than 30 years of experience in the IT industry across a range of technologies. Covenco specializes in purchasing, selling and renting new and refurbished IBM, HP, Dell and NetApp computing hardware, storage and supporting software.

Today, Covenco works across a variety of industry sectors as Business Partners for new IT infrastructure solutions and as Business Continuity specialists. Covenco is a modern data management company providing its clients with data protection, data availability and data security 24×7, 365 days a year.

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