F12 Penetration Testing.

Validate your protections and demonstrate your cybersecurity diligence with ethical hacking by certified security specialists

F12 Secure

In today's risk environment, insurers, customers, and investors are increasingly demanding evidence of your cyber safety. After you have established mature cyber security controls, an F12 Penetration Test by certified security experts provides both insight and credibility.

F12 Penetration Test Phases:

Recon. Gather publicly accessible information about systems and individuals to understand potential exposure and to plan the attack.

Scan. Leverage special tools to scan perimeter defences and points of entry to uncover exploitable vulnerabilities and misconfigurations.

Exploit. Attempt to infiltrate using identified weaknesses. Once in, attempt to gain further access by elevating privileges and moving laterally.

Persist. Once a foothold is established, identify potential impacts by obtaining the maximum breadth of access, depth of privilege, and scope of information during the allotted time.

Report. Analyze results and report on discovered vulnerabilities and exploits leveraged. Present recommendations and highlight strengths.

Frequently asked questions

› **What is a penetration test?**
Also called a pen test, it's a simulated attack using tech tools and human expertise to evaluate system security.

› **How much does a pen test cost?**
Pen testing engagements vary based on the scope and services needed. They typically range from $5,000 to $30,000.

Leaders in the cybersecurity community

F12 is one of a handful of SOC II Type II CyberSecure Canada-certified IT providers. F12's Security Operations team includes Certified Information Security Professional (CISSP) experts with real-world experience combating cybercriminals in business settings.

In addition, F12 partners with one of Canada's leading cybersecurity firms to offer boutique testing by a team with Certified Information Security Manager (CISM), Certified Ethical Hacker certification (CEH), and Certified Penetration Testing Engineer (CPTE) designations.

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Validation is the cornerstone of confidence. Testing your cybersecurity equips you with the vital intel and provides assurance to customers, investors, regulators, and insurers.

External Penetration Test

Evaluate your risk from an external attacker operating over the internet. An experienced security expert will probe perimeter defences, scan for vulnerabilities, and attempt to gain access using hacker tradecraft.

Internal Penetration Test

Understand your exposure once a malicious actor has gained access to your network. Internal pen testing uncovers threats in the internal security architecture which may be exploited due to accidental or intentional breaches.

Web Application Testing

Evaluate externally facing web assets for critical weaknesses. Any organization hosting web-facing applications is at extra risk; this test is recommended before major web application changes "go live".

Red Team Exercise

Gain next-level insights from elite white hackers using advanced techniques and customized attacks. This test is a complex, objective-oriented attempt to compromise your organization over an extended period.

Where to Start?

If you are just beginning your cybersecurity journey, start with a security assessment and then implement the recommendations. If the basics aren't covered, there is little value in testing the security regime. Once you believe you are on a solid security footing, that is the time to test.

What Test Do I Need?

Start with a complimentary conversation with one of our certified cybersecurity experts. Together, we can explore your unique situation, compliance needs, and industry risks. From there, we can recommend the right services to get the most out of your security investment

About F12

F12 has been creating streamlined technology solutions for more than 20 years. F12 helps organizations thrive by continually evolving how technology empowers and secures their success.

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