

Bitdefender Offensive Services: Penetration Testing

New requirements due to expanding attack surfaces are driving demand for emerging technologies and services that identify and prioritize threat exposure across internal and external environments. Combined with the constantly shifting threat landscape, organizations are finding themselves increasingly susceptible to bad actors' intent on exploiting IT and business systems.

For most organizations, cybersecurity validation – the convergence of techniques, processes, and tools used to validate how potential attackers would actually exploit an identified threat exposure, and how protection systems and processes would react – is now more necessary than ever.

Bitdefender now offers customized Penetration (Pen) Testing exercises to uncover security vulnerabilities and ensure continuous improvement. This offering ensures best-in-class service delivery, with a team of CREST-accredited cybersecurity consultants who start every engagement with methodical, objective-focused scoping.

We offer customized exercises to uncover security vulnerabilities and ensure continuous improvement. Our testing methodology is designed to assess, evaluate, and identify security weaknesses through real-world simulated attacks on your people, processes, and technologies. Every environment is unique, so our pen testers tailor their methods and attack vectors for each engagement.

Bitdefender offers the following types of pen tests:

- ↳ Web Applications
- ↳ Mobile Applications
- ↳ Web Services / API
- ↳ Networks
- ↳ Thick Client Applications
- ↳ Wireless Access Points

At-a-Glance

Bitdefender Offensive Services ensure our customers have the most comprehensive and sophisticated detection and response capabilities in the face of increasingly sophisticated threats.

Our services go beyond vulnerability assessment by identifying key security weaknesses so they can be remediated, which improves the security of infrastructure, and by extension, your organization.

We empower you to find potential security blind spots, while also gaining knowledge and becoming better prepared in the case of a future attack.

Key Benefits

- ↳ Recognize threat exposures across internal and external environments
- ↳ Strengthen security processes and strategies with better visibility to uncover hidden system vulnerabilities before attackers do
- ↳ Provide in-depth reporting on cybersecurity posture to customers and partners to meet regulatory and/or compliance mandates (HIPAA, PCI DSS, GDPR, etc.)
- ↳ Prioritize security investments and resource allocations, saving money over the long run by avoiding wasteful expenditures
- ↳ Better understand how your digital systems work together and implement positive changes to your IT environment
- ↳ Improve your security posture to enable better detection and response to future threats

We utilize automated scans initially, before quickly expanding into deep-dive manual testing techniques. Our rigorous testing process consists of six steps:

- ↳ Planning
- ↳ Reconnaissance
- ↳ Testing and Exploitation
- ↳ Initial Reporting
- ↳ Corrective Action Taken (by customer)
- ↳ Reporting

With all the information and findings collected, we document and conduct a detailed analysis on the vulnerabilities discovered. With the test completed, the next crucial part is the reporting process – in which we present the findings to you and your stakeholders.

Bitdefender Pen Testing Features:

- ↳ Visualization of internal and external security gaps.
- ↳ Assessment of the potential damage of a successful attack – before it happens.
- ↳ A CREST-accredited team of cybersecurity consultants who tailor pen testing to your unique environment, ensuring the exercises provide relevant and practical recommendations to resolve problems.
- ↳ End-to-end project management to provide the utmost visibility and help you track progress.
- ↳ Detailed reporting with prioritization of findings, next steps, and remediation guidance.
- ↳ Contextualized results that maximize relevance and impact.
- ↳ Support of internal audits for compliance certification acceptance or renewal.

Learn more about Penetration Testing at [Bitdefender Offensive Services](#).

Contact Us

For more information on Bitdefender Penetration Testing, [please reach out to us](#).

Learn more about how Bitdefender Offensive Services can help your organization [here.](#)