

IBM Security X-Force

Highlights

- Prevent, detect, respond to, and recover from incidents
 - Hackers, responders, researchers and analysts
 - Offensive and defensive security, fueled by threat intelligence
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Hacker-driven offense. Research-driven defense. Intel-driven protection.

For some time, cybersecurity leaders predicted that when it comes to attacks, the question is one of “when” and not “if.” They weren’t wrong. In fact, attacks have evolved beyond even that prediction and are now a persistent cross-business problem that can lead to real-world consequences like inflation and chronic supply chain shortages. But we know how adversaries are attacking, who they’re targeting and where—and this intelligence gives us an advantage. The [IBM Security X-Force Threat Intelligence Index](#) – an analysis of literally billions of datapoints over an entire year—reported ransomware as a top attack type and phishing and vulnerability exploitation as top infection vectors.

Combatting these growing threats requires a mindset shift—one where security is viewed as a journey, not a destination. It’s a strategic viewpoint that understands security is a continuous cycle of preparedness, remediation, and recovery. X-Force is a collection of carefully chosen hackers, responders, researchers, and analysts, all of whom bring a unique perspective of threats when helping you build, manage, and refine your security programs.

Through offensive security services, the hackers in the X-Force Red team adopt the mindset of threat actors, which means they can adeptly identify vulnerabilities exposing your most important assets. Through incident preparedness, detection and response, and crisis management services, the X-Force Incident Response (IR) team knows where threat actors hide and how to stop an attack. X-Force researchers create offensive techniques for detecting and preventing threats. X-Force analysts collect and translate threat data into actionable information for reducing risk. Combined, this gives you peace of mind because we are in the trenches preventing, responding to, and containing breaches. That way, you can withstand attacks and continue business operations.

X-Force Security Services Portfolio

X-Force offers the following offensive and defensive products and services, which are underpinned by threat intelligence and research.

X-Force Red

- **Penetration Testing:** Uncover high risk vulnerabilities that only humans (not tools) can find and show how attackers may leverage those flaws in a compromise.
- **Vulnerability Management:** Uncover and prioritize the remediation of vulnerabilities using the scanning tool of your choice, and our hackers' risk-based automated ranking engine.
- **Adversary Simulation:** Identify gaps in your incident response tools, people and processes by experiencing a simulated attack against your environment.

X-Force IR

- **Incident Response Emergency Support:** Stop attacks in progress, limit their impact, recover quickly, and reduce the risk of future incidents with 24x7 global incident response support and investigation services.
- **Incident Response Proactive Services:** Prepare your security team for the worst-case scenario through active threat assessments, incident response playbook and customization, dark web analysis, incident response plan review and creation and first responder training.
- **Cyber Crisis Management Services:** Prepare your business team to respond to crisis-level attacks through plan and playbook development and tabletop simulated exercises.
- **Ransomware Readiness Assessment Services:** Identify and fix gaps in your response plans to ransomware attacks.

X-Force Threat Intelligence

- **The X-Force Exchange and Threat Intelligence Insights:** Leverage the latest and historical threat information worldwide to drive your security decision-making.
- **X-Force Premier Threat Intelligence and Advanced Threat Protection:** Receive early warning indicators, and malware, threat group, threat activity and industry reports to improve your detection and mitigation capabilities.
- **Strategic Threat and Cyber Threat Intelligence Assessments:** Enable cost-saving and effective security decision-making by understanding threat actors who may target your organization, their techniques and how they may accomplish their objectives.
- **Dark Web Analysis and Malware Reverse Engineering:** Identify potential threat actors who may target your company and gain insight into the malware they may use to build protections against it.

X-Force Cyber Range

- **Cyber Range Experiences:** Understand whether your business, security and IT teams and processes can effectively respond to an attack through customized simulated breach experiences inside the X-Force cyber range or build your own cyber range with our consulting services.
- **Cyber Range Workshops and Executive Briefings:** Assess your security strategies, identify gaps and educate your IT, security and business teams about crisis best practices and help define response strategies and solutions.

Why IBM?

Choosing IBM can give you the confidence of working with an industry leader in cyber security. IBM Security is supported by expert professionals with decades of experience in incident management, security intelligence and corrective actions. These experts have supported the handling of hundreds of the world's largest breach investigations across 17 industries in the public and private sector.

For more information

To learn more about the IBM Security X-Force, please contact your IBM representative or IBM Business Partner, or visit: ibm.biz/consultation

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