



Proactively Identify System and Network Vulnerabilities to Mitigate the Risk of a Data Breach

Vulnerability Assessment and Penetration Testing Services by NTT DATA

Amazing technological advances have redefined the way we do business. But implementing these new technologies can sometimes lead to security challenges. Now more than ever, your organization needs to secure your infrastructure and every network endpoint device. Even a small vulnerability in one network-attached device can be exploited by attackers to steal your valuable customer and business data, leading to large financial losses and major damage to your reputation.

Vulnerability Assessment and Penetration Testing Services by NTT DATA can help your organization identify risks associated with your IT systems and network, and suggest measures to protect and strengthen your defenses. Our experts perform comprehensive external attacks as well as simulate malicious insiders (such as a rogue employee) targeting applications, network infrastructure and even human assets through social engineering.

To ensure tests are based on the latest cyberthreats, our suite of penetration testing tools includes open-source and proprietary scanning tools. We combine our deep cybersecurity experience with our propriety threat intelligence, so you get a thorough, comprehensive assessment. For application tests, our engineers can conduct both a static review of your source code and dynamic runtime tests.

Key benefits:

- Discover vulnerabilities in your IT systems and network devices
- Find weaknesses in threat monitoring and alerting processes
- Determine your employees susceptibility to malicious activity
- Validate your security controls against the latest tactics used in real-world attacks
- Meet regulatory compliance
- Determine countermeasures for any vulnerabilities and strengthen your defenses

Our Vulnerability Assessment and Penetration Testing Services

Discover vulnerabilities and validate security controls. Our comprehensive suite of services provide testing for the following.

Applications:

- White box and black box testing
- Static and dynamic code analysis

Social engineering:

- Phishing and spear-phishing campaigns
- USB drops
- Open-source intelligence collection and assessment

Networks:

- External and/or internal network infrastructure
- Wireless networks

Endpoints:

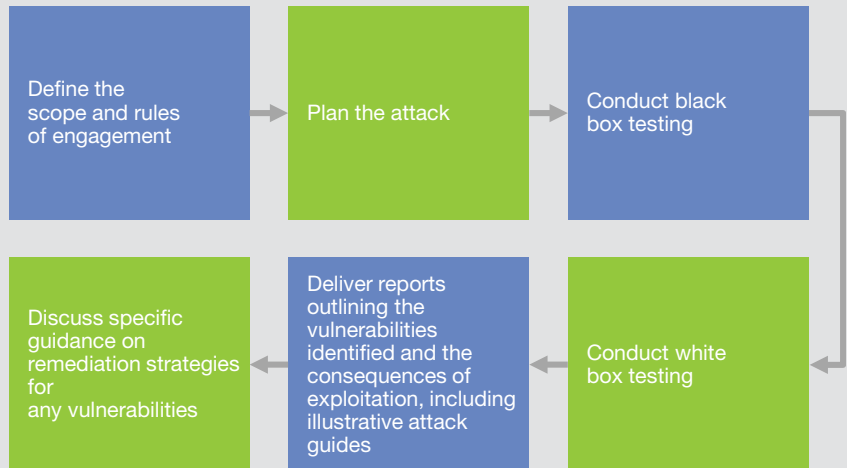
- Vulnerability assessment and exploitation of network-attached devices, including servers, workstations, mobile devices, IP phones, IP cameras and printers

Physical security:

- Assessments of physical security technologies/controls and technical eavesdropping vulnerabilities

Our approach

While penetration tests are developed on your specific needs, the testing process generally follows the steps outlined below.



Why NTT DATA?

Organizations of all sizes face a near-constant threat of attackers — criminals, hackers, nation-state-sponsored threat actors and even insiders — looking to compromise systems and networks to gain access to critical data. As your organization's systems, networks and mobile devices become more connected, the threat vector increases. With our Vulnerability Assessment and Penetration Testing Services, your organization can stay ahead of attackers by identifying vulnerabilities and implementing remediation strategies to effectively manage and dramatically reduce the risk and impact of cyberattacks.

“There are two kinds of big companies in the United States. There are those who've been hacked ... and those who don't know they've been hacked.”

— James Comey, FBI Director*

* “FBI Director: China Has Hacked Every Big US Company,” by James Cook. Business Insider. October 6, 2014.

<http://www.businessinsider.com/fbi-director-china-has-hacked-every-big-us-company-2014-10>

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NTT DATA partners with clients to navigate the modern complexities of business and technology, delivering the insights, solutions and outcomes that matter most. We're a top 10 global IT services and consulting provider that wraps deep industry expertise around a comprehensive portfolio of infrastructure, applications and business process services.

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