CYPRO AB

NETWORK PENETRATION TESTING

Predict **Detect** **Protect** **Respond** **Recover**
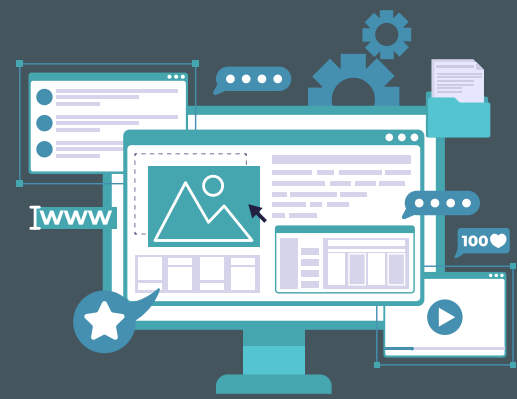
Our expert follows ISO27001 standards and are well-equipped with latest cyber security certificates. Network Penetration Testing is a service involves simulating real-world cyber-attacks on your network infrastructure to identify vulnerabilities and weaknesses that malicious actors might exploit.

We can help your organization proactively assess its security posture and make informed decisions to strengthen your defenses against potential cyber threats

WHAT ARE THE BENEFITS?

- **Identify Vulnerabilities:** before malicious hackers do is crucial for maintaining a secure environment.

- **Risk Assessment:** We provide a detailed risk assessment report, prioritizing the identified vulnerabilities based on their potential impact.

- **Real-World Simulation:** Our specialists simulate real-world attack scenarios and provide insights into how an actual cyber-attacker might exploit your system.

- **Cost-Effectiveness:** Investing in cybersecurity proactively can mitigate the need for costly incident response and recovery efforts later.

- **Proactive Defense Strategy:** allows you to stay ahead of emerging threats and continually improve your defense mechanisms.

- **Compliance and Trust:** We ensure compliance and instills confidence in your data security commitment. This trust becomes a powerful competitive advantage in the digital landscape.

KEY EXPLOITED AREAS

We stimulate real-world attack scenarios with historical, innovative, and advanced methods used by cybercriminals, including:

- **Vulnerable Network Protocols**
- **Misconfigured Services**
- **Privilege Escalation**
- **Lateral Movement**
- **Network Device Exploitation**
- **Weak Authentication**

HOW WE DO IT?

Through in-depth interviews and examination of documentation, we tailor the test to your network infrastructure.

- We regularly inspect your network to help you close potential entry points of vulnerabilities.

- Our assessment analyzes network services and applications for weaknesses, misconfigurations, and security loopholes.

- We specifically evaluate the strength of your authentication mechanisms, such as passwords, multi-factor authentication, and access controls.

ABOUT US

Cypro AB will help you to comply with directives as NIS2 and standards as ISO 27001 with the mission to stay compliant and secure over time. Our top-tier global security assessment team includes experts specializing in red teaming and information security offers unparalleled insight into potential vulnerabilities.

A state-of-the-art Security Operations Center (SOC) enables us to deliver the highest level of security services, actively monitoring and responding to possible threats.

CONTACT US

contact@cypro.se
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METHODOLOGY

Cypro System assessment methodology includes The following also gives a high-level description and process of Cypro methodology used for performing Penetration Testing.

Structured review processes based on recognized "best-in-class" practices as defined by such methodologies as:

- MITRE
- Open Web Application Security Project (OWASP)
- ISO 27001 Information Security Standard.

The tools and their configuration used throughout the process vary based on the scope, offender model, development technology, and infrastructure.
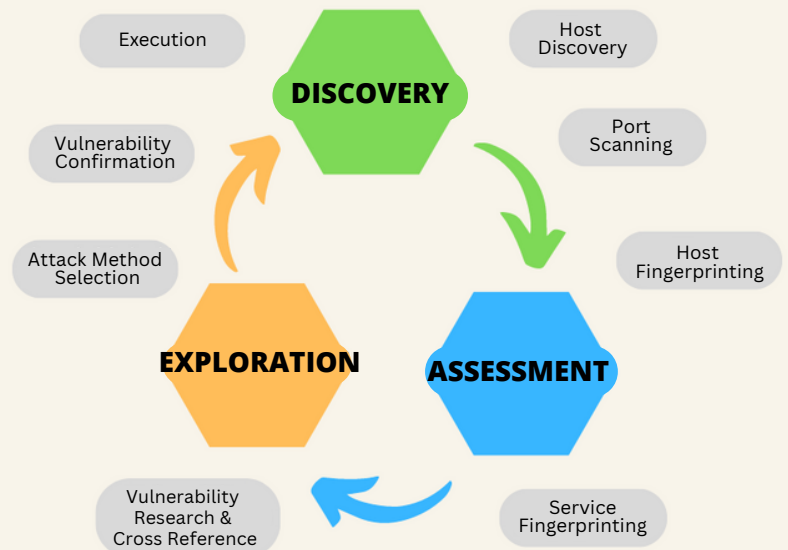
Full list of the tools that we use for Penetration Testing and Vulnerability Assessment is available upon request.

WHAT YOU'LL RECEIVE

Preparations: Statement of work.
Scope meeting to set the agreed scope of work, roles and responsibilities, walk through of methodology.

Performing the test
Conduct the test according to agreed process and methodologies.

Reporting and follow up:
A detailed and reviewed security report. A report walk through containing executive summary, conclusions, recommendations, details on deliverables such as **CVE vulnerabilities, leaked usernames and passwords, malicious IP addresses, software used, similar domains, SSL Certificate Host Mismatch.**

READY TO BOOST YOUR CYBER SECURITY

Start by reaching out to your trusted Cypro customer contact or connecting with our experienced experts. Together, we embark on a transformative path to fortify your defenses, ensuring your valuable assets remain safe from harm.

CYPRO

Initiate Your Defense
Connect with Cypro's Experts Today!

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