

# **Internal Network Pentesting**

Assess your internal assets to stay secure

## COMPREHENSIVE CYBERSECURITY SOLUTIONS

CSW's internal penetration testing allows organizations to test if an attacker with internal access can escalate privileges or expose and misuse unauthorized data. We simulate a controlled attack from the perspective of a hacker or internal threat. Multiple attacks are also chained together to determine the true risk of the vulnerability.

# **OUR INTERNAL NETWORK PENTESTING PROCESS**



Discovery of assets



Vulnerability detection



Identification of most vulnerable assets



Demonstration of lateral movement using the most vulnerable attack path



Escalation of privileges or successful exploitation of identified vulnerabilities



Remediation and proof of concept

# **SERVICE CAPABILITIES**



### SYNCHRONOUS REPORTING

We provide results within hours of initiating the assessment.



#### **EXPERT PENTESTERS**

Our team comprises of skilled pentesters who have reported numerous zero-days.



#### TRANSPARENT PROCESS

We follow a transparent process from start to finish.

#### **RBVM PLATFORM**

We deliver our results through an award-winning **RBVM** platform.

# **KEY BENEFITS**

#### COMPLETE COVERAGE



Secure all you ports, protocols, and . services.

#### STAY A LEAP AHEAD OF AN ATTACKER



Identify and mitigate security vulnerabilities & misconfigurations before an attacker exploits them.

#### ASSURANCE



Test the security of your network architecture in a controlled, non-destructive attack scenario.

#### **ACTIONABLE INSIGHTS**



Know whether your critical data is at risk and how easily a malicious actor may access it.

#### WE DO MORE THAN SCANNING



scan to identify risks based on TTPs used by attackers.

### SUPPORT



Get guided remediation to deal with prioritized vulnerabilities.

#### TRANSPARENCY



Track the whole process from start to finish.



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# **OUR APPROACH**

CSW identifies security vulnerabilities on internal networks and systems from an attacker's point of view.

# INTERNAL RECONNAISSANCE



- Discovery of IP assets
- Footprinting Enumeration of ports, protocols, services, and operating systems

#### AUTOMATED VULNERABILITY SCANNING



- Vulnerability identification
  - Missing patches
  - MisconfigurationsEnd-of-life
  - End-of-life products

# PENETRATION TESTING



- Manual validation of identified vulnerabilities
- Attempted exploitation of identified weaknesses using a combination of publicly available exploits

#### **REPORTING**



- Prioritized vulnerabilities and guided remediation
- Actionable reports with evidence

# WHAT TO EXPECT IN OUR REPORT



**Executive summary** 

Documented exploits of

infiltration vectors and the lateral kill chain



Detailed findings mapped to vulnerabilities



Prioritization of vulnerabilities



Threat correlation



Remediation on demand

















# ATTACK SURFACES WE FOCUS ON



Network



Servers



**Network Devices** 



Applications

Reach out to us to reduce risk and exposure.

To schedule a consultation write to info@cybersecurityworks.com