

# Penetration Testing

Choosing the Right Solution to Reveal Critical Weaknesses in Your Systems

Often called *red teaming* or a *red team exercise*, penetration testing is a simulation of a real-world attack on targeted assets using the same tools and techniques that modern cybercriminals use.

GreyCastle Security's penetration tests can reveal weaknesses in your systems & application configurations, network infrastructure, people and processes. We'll identify potential threats to ensure your operations don't suffer from unexpected downtime or a loss of accessibility. We will also help improve overall security through detailed reports & recommendations.



## A Process Built for Success



### Planning

Define the scope (a subnet, application, data center, etc.), rules (White Box, Black Box, etc.), schedule and other parameters and goals.



### Discovery

Gather information to be used for the attack. Potential targets, vulnerabilities and exploits are identified. Discovered assets are compared against known vulnerability databases.



### Attack

Attempted exploitation of targets based on discovered information.



### Reporting

Document successful exploits, their corresponding vulnerabilities and assets. Reporting occurs throughout the penetration testing process.

→ [See Back to Compare Testing Options](#)

# What's the Right Test for You?

Use the chart below to determine the right test for your organization's needs. Contact us to discuss these options in depth.

## Legend

- Included
- Optional
- Ⓜ High-level
- ★ In-Depth

	Penetration Test						
	Vulnerability Assessment	Hybrid	Standard	Standard Web App	Advanced Web App	Advanced Network	Advanced Persistent
<b>Starter</b>	●	●		●			
<b>Intermediate</b>			●	●			●
<b>Advanced</b>					●	●	●
Enumerated List of All Technical Vulnerabilities	●	●					
Collaborative Exercise	●	●			●		●
Includes External Network Penetration Testing		○	○			●	●
Includes Internal Network Penetration Testing		○	○			●	●
Include Wireless Network Testing			○				●
Includes Social Engineering Testing, Phishing		○	○				●
Includes Social Engineering Testing, Vishing			○				●
Includes Social Engineering Testing, In-Person			○				●
Includes Physical Testing			○				●
Includes Malicious Software and Connection Testing			○				●
Custom Exploits					●	●	
Continual Testing							●
Extended Testing Period					●	●	●
Examination of Source Code				○ Ⓜ	★		



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## Why Choose GreyCastle Security?

Staying ahead of ever-evolving threats requires true expertise and guidance. Our experienced team of cybersecurity professionals build an in-depth partnership with clients, providing comprehensive, innovative and effective solutions that prepare and protect our clients from emerging cyber threats now and into the future.

Connect with us on social @greycastlesec

