



Your Cybersecurity Headquarters

Managed Penetration Testing as a Service (PTaaS)

Service Brief

DarkRelay Security Labs

What is DarkRelay Managed Penetration Testing Service (PTaaS)?

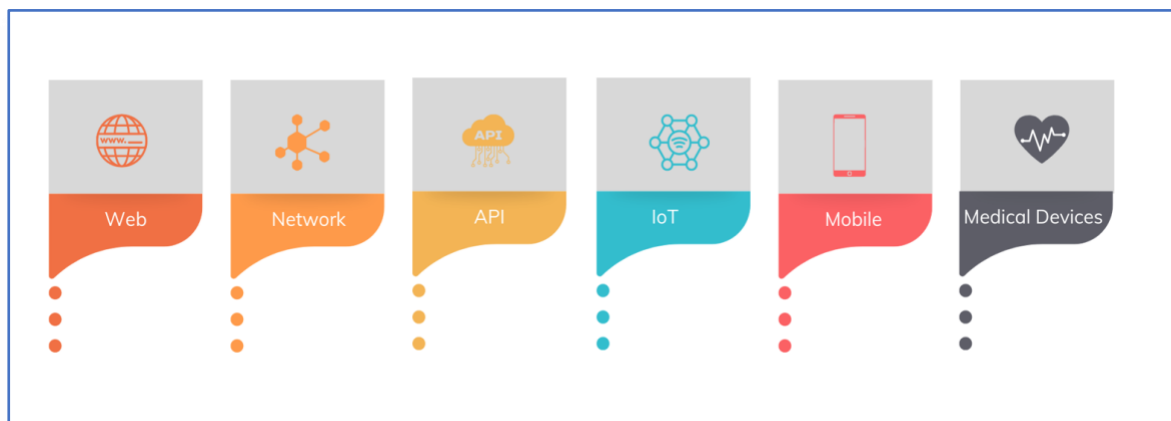
Managed Penetration Testing as a Service (Managed PTaaS) is a security service where DarkRelay manages continuous penetration testing for an organization. DarkRelay takes care of the entire PTaaS process, from planning and scheduling to execution and reporting.

Organizations don't need to invest in internal expertise or penetration testing tools and also, and PTaaS is a cost-effective and scalable solution compared to building an internal PT team.

What is Covered Under DarkRelay PTaaS?

DarkRelay's PTaaS covers your entire IT infrastructure, including networks, web applications, APIs, IoT devices, mobile apps, medical devices, and underlying infrastructure. Our comprehensive testing ensures no critical security gaps remain undetected.

Our service portfolio includes diverse types of penetration testing assessments.



Why Choose DarkRelay for Managed Penetration Testing Service (PTaaS)?

Traditional penetration testing offers a snapshot of security, but DarkRelay PTaaS delivers continuous vigilance. Our experts leverage their red and blue teaming experience to simulate real-world attacks using the latest tactics, techniques, and procedures (TTPs). This proactive approach uncovers vulnerabilities before attackers exploit them, keeping your data, systems, and applications secure.

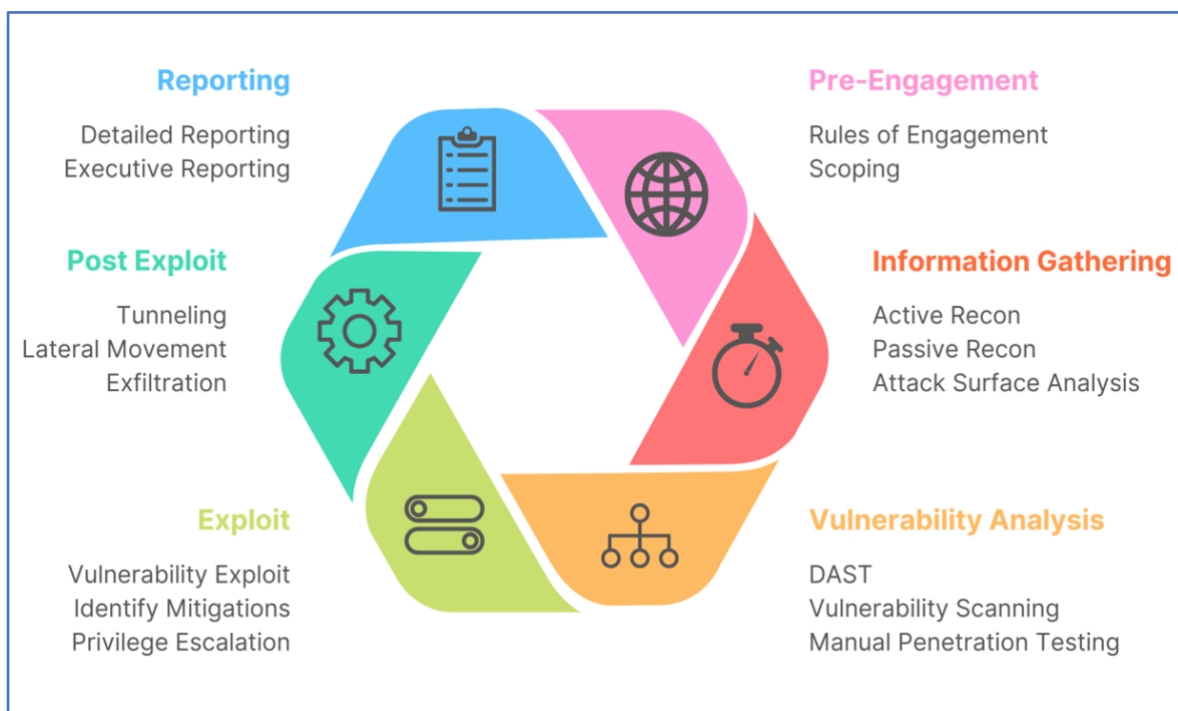
Our team boasts a unique combination of skills:

- **25% Dedicated to Security R&D:** Our consultants stay ahead of the curve by constantly researching new threats and developing innovative testing methodologies.
- **Diverse Testers:** We have specialists in IT, Medical Devices, IoT, Web, API, and DevSecOps, ensuring comprehensive testing across your entire digital landscape.
- **Industry-Leading Certifications:** Backed by coveted certifications from SANS and Offensive Security, our consultants possess the highest level of expertise.

DarkRelay's Penetration Testing Methodology

Driven by the mixture of the world's most used penetration testing frameworks and manual penetration testing methodologies, our expert team can simulate advanced tactics used by adversaries to help customers develop their security strategies.

We perform penetration testing using chosen industry frameworks, standards, tools, and techniques (NIST, CIS, MITRE, OWASP, OSSTMM, ISSAF, PTES, etc.).



DarkRelay's PTaaS employs a multi-phased approach that mirrors real-world attacker tactics.

- **Pre-Engagement & Scoping:** We collaborate to define the testing scope and goals. This ensures our testing aligns with your specific needs.

- **Intelligence Gathering:** Our experts combine passive reconnaissance (analyzing publicly available data) and active reconnaissance (controlled probing) to identify potential entry points.
- **Vulnerability Scanning:** We leverage a combination of DAST (Dynamic Application Security Testing) for web apps and network vulnerability scanning tools across your infrastructure. This identifies exploitable weaknesses.
- **Manual Penetration Testing:** While automated tools play a crucial role in penetration testing, DarkRelay understands their limitations. Our expert testers leverage their experience and advanced techniques to go beyond basic scans and uncover even the most cleverly concealed vulnerabilities.
- **Exploitation & Post-Exploitation:** Our team attempts to exploit vulnerabilities using manual techniques and existing exploits. This assesses the potential impact of a real attack (e.g., data exfiltration, system takeover).
- **Remediation & Reporting:** We deliver a detailed report with prioritized vulnerabilities, exploitability assessments, and clear mitigation steps. This empowers you to strengthen your security posture.

About DarkRelay Services

DarkRelay is a trusted business partner, always available to deliver its world-class cybersecurity services to your organization through different pipelines. Our broad range of services helps your teams stay fully equipped to protect your organization from any online attacks and threats.

DarkRelay Services delivers Cybersecurity Consulting, Training, and Advisory Services that make your organization cyber resilient and defend against advanced attacks and threats, enhancing your organization's cybersecurity policies and controls.

DarkRelay is led by Cybersecurity veterans who are SANS 760, GXPN, GPEN, OSCP, OSCE, and CISSP certified with more than 16 years of experience in cybersecurity research and development. DarkRelay uses its perspective to build valuable security programs for clients.

Contact US

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