

In today's rapidly evolving digital landscape, internal network security is more critical than ever. Trace3's Internal Network Penetration Test is your solution to uncover and address vulnerabilities before they become catastrophic breaches. Our experts simulate real-world attack scenarios to expose weaknesses that could lead to unauthorized access, privilege escalation, or service disruptions. By leveraging cutting-edge techniques, we provide actionable insights to fortify your defenses immediately. Don't wait for a breach to happen—invest in Trace3's services now to safeguard your critical assets and ensure robust internal security.

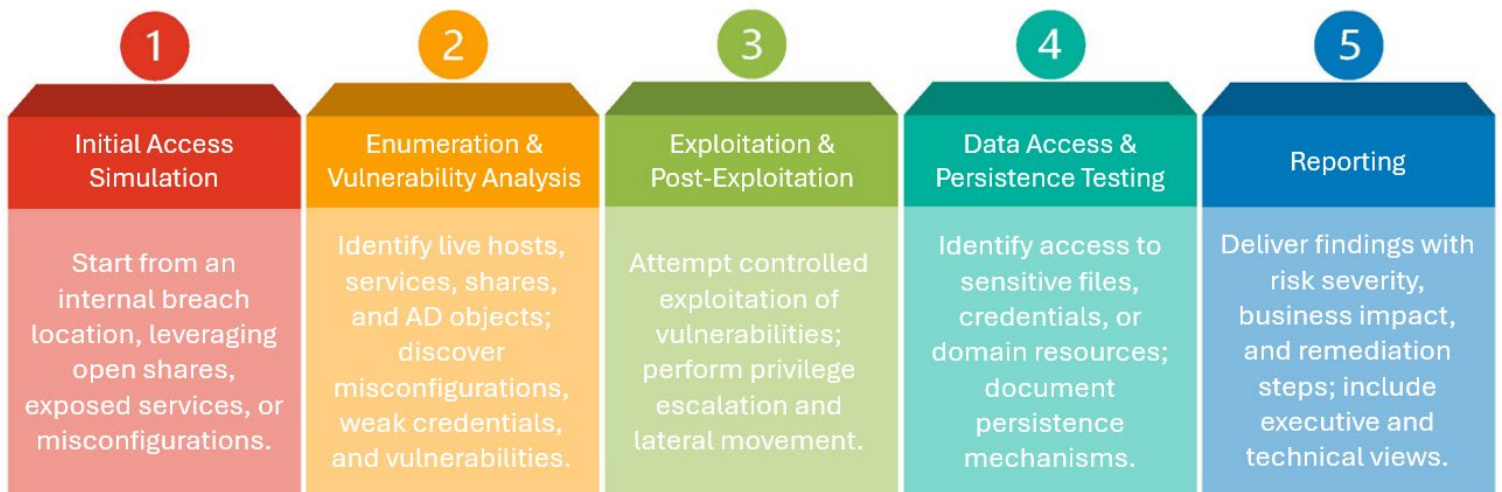


OVERVIEW

Our Internal Network Penetration Test simulates the actions of a malicious actor who has gained access to your internal network—whether through physical access, compromised credentials, or an insider threat. The goal is to identify and validate vulnerabilities that could lead to lateral movement, privilege escalation, unauthorized access to sensitive data, or disruption of services. Trace3's offensive security experts utilize real-world attack techniques within a controlled and authorized environment to assess the resilience of your internal infrastructure. Our internal testing services are ideal for organizations seeking to measure the effectiveness of internal controls, segmentation, detection capabilities, and user privilege management.

OFFERING DETAILS

Our methodology aligns with NIST SP 800-115 and the Penetration Testing Execution Standard (PTES), and incorporates techniques used by real-world adversaries, including:



Testing Duration: Typically conducted over 1-4 weeks (depending on scope) via secure VPN

Rules of Engagement: Clearly defined scope, including IP ranges, credentials (if required), and authorized hours

Attack Surface Coverage:

- Workstations and servers
- Domain controllers and Active Directory
- Internal web and application servers
- Network segmentation and VLANs
- Broadcast network traffic
- Client specified areas of focus

Communication & Collaboration:

- Real-time updates available via client's specified communication method
- Coordination with the internal IT or security team to minimize disruption
- Access to a reporting platform to see findings in near real-time

Deliverables

Upon completion of the assessment process, Trace3 will review the vulnerabilities in depth with the client to ensure the risk information is conveyed clearly. The final report will include an executive summary, detailed vulnerability descriptions, risk ratings, and remediation recommendations. If requested, a one-page Letter of Attestation can also be provided.

Retesting

Following the final report delivery, Trace3 offers a single complimentary retest within a 90-day retesting window. This service ensures vulnerabilities marked as remediated have been properly addressed.

Retesting includes:

- Validation of previously identified issues
- Updated report showing risk reductions or remaining gaps
- Confirmation of environment hardening and patching effectiveness

VALUE

Trace3's Internal Network Penetration Test is crafted to reveal and mitigate vulnerabilities that could jeopardize your network's security. Our experts employ advanced methodologies such as network scanning, vulnerability assessment, and exploitation techniques to rigorously evaluate your internal infrastructure. This service is ideal for organizations aiming to scrutinize the effectiveness of their internal controls, network segmentation, detection capabilities, and user privilege management. Throughout the assessment, we provide real-time updates, collaborate closely with your IT or security teams to minimize disruption, and offer access to a reporting platform for near real-time findings. Upon completion, we deliver a comprehensive final report detailing vulnerability descriptions, risk ratings, and remediation recommendations. Additionally, we offer a complimentary retest within 90 days to ensure all identified vulnerabilities are effectively addressed. By leveraging Trace3's expertise, you can fortify your defenses against potential threats and ensure the resilience of your critical assets.

Elevate your organization's security posture with Trace3's Internal Network Penetration Test, pinpointing vulnerabilities and fortifying defenses against lateral movement, privilege escalation, and unauthorized data access, ensuring resilient protection and uninterrupted operations. For more information, contact your Trace3 Security expert or find us at [Trace3.com](https://www.Trace3.com).