

SOLUTION BRIEF

Review Your Weaknesses with FortiGuard Vulnerability Assessment Services

Executive Summary





Internet-facing vulnerabilities represent a gold mine of opportunity for threat actors around the globe. That's why these vulnerabilities continue to be exploited so often. While some organizations might already have a strict patch management process, there are times when a vulnerability is overlooked, unknown, or so recent that the team hasn't had a chance to address it yet. Whether you have a defined patch management process or are just getting started with adding more rigor to this activity, you must have a solid understanding of what threat actors might exploit.

Our FortiGuard Vulnerability Assessment detects known vulnerabilities within information systems or services. With this assessment, you'll understand the known vulnerabilities within your organization's internal and external networks and applications. Our experts use various automated tools and manual techniques to systematically examine your environment to determine the effectiveness of your current security measures, identify security gaps, and provide data to help you predict how impactful the safeguards you have in place today will be in the future.

After the technical phases of the assessment are completed, our team prepares a report, sharing the potential issues found during the assessment along with recommended remediation procedures. As a result, it's easy for your team to prioritize remediation efforts according to identified severity levels of Critical, High, Medium, or Low—following the Common Vulnerability Scoring System (CVSS) standard—and the overall risk each vulnerability represents to the organization.

Customize Your Assessment with Testing Focus Areas

We'll work with your team to customize the assessment to ensure that you get maximum value from the exercise. Our experts can focus on a variety of areas, including:

| Assessment Focus Area | Description |
|---|---|
|  Internal Network | Our team is equipped to conduct internal network vulnerability assessments to evaluate your organization's internal network and devices. These assessments are scoped based on the number of IP addresses included. |
|  External Network | The external network vulnerability assessment focuses on the external or internet-facing systems you make available, including web servers, database servers, network devices, and other network-based equipment. These assessments are scoped based on the number of IP addresses included. |
|  Web Application | The FortiGuard Web Application Vulnerability Assessment focuses on one or more web applications to identify known or unknown vulnerabilities within the application. The vulnerability assessment also identifies areas where confidentiality, availability, or systems data integrity compromises exist. These assessments are scoped based on the number of your organization's web applications. |
|  Mobile Application | The FortiGuard Mobile Application Vulnerability Assessment focuses on one or more mobile applications to identify known or unknown vulnerabilities. The vulnerability assessment also identifies areas where confidentiality, availability, or systems data integrity compromises exist. These assessments are scoped based on your organization's number of mobile applications. |



According to the FortiGuard Labs 2023 Global Threat Landscape Report, exploiting public-facing applications was the second-most popular way threat actors gained access to a network.¹

How the Assessment Works

During the FortiGuard Vulnerability Assessment, our assigned consultant works with your organization's point of contact to understand the full scope of the engagement, including any items that are out of scope. This is done via an assessment form and manual verification.

Once your team and our experts agree on the scope and timeframe for testing, the consultant begins the vulnerability assessment using both automated tools and manual techniques to systematically examine in-scope networks and applications. The consultant determines the adequacy of security measures in place today, identifies any security gaps that need to be addressed, and provides data to help predict the effectiveness of your security measures for the long term. During this assessment phase, the consultant promptly alerts your team if any critical vulnerabilities that pose an imminent risk to your business are discovered.

Once the assessment is complete, the consultant drafts a findings report, which includes an executive summary, technical findings, and complete recommendations. If you'd like to have a formal review of the results with our team, we can schedule this after we've delivered the findings report.



Malicious actors are 327x more likely to exploit top vulnerabilities—as defined by the Exploit Prediction Scoring System—within a week of their initial release.²

FortiGuard Vulnerability Assessments: A Vital Part of Protecting Your Enterprise

Vulnerability assessments are an essential component of any organization's security program. These assessments allow you to better understand your current environment, any existing gaps, and what an attacker might be likely to exploit.

This exercise also benefits your IT team. FortiGuard Vulnerability Assessment Services gives IT managers and administrators a better picture of the vulnerabilities and gaps affecting the organization's networks, systems, and applications, along with recommendations for improvement.

To learn more about FortiGuard Vulnerability Assessments or to schedule your assessment, [contact us today](#).

¹ "1H 2023 Global Threat Landscape Report: A Semiannual Report by FortiGuard Labs," Fortinet, August 7, 2023.

² Ibid.