Improve Vulnerability Management to Reduce Risk

Overview

The speed of IT advance over the past decade has contributed to an exponential rise in system vulnerabilities, which has been matched by a dramatic increase in the volume and sophistication of cyber attacks. Even if you’ve invested heavily in security controls, it’s likely you still have gaps and vulnerabilities within your network.

So, how do you more effectively and efficiently manage vulnerabilities? Imagine how comforting it would be to have an expert partner to help you better understand the state of your vulnerability management (VM) platform and processes, ensuring they’re optimized and working as expected. As a security team, you should be reasonably confident that your existing VM solutions are configured correctly and working collectively to identify, rank and prioritize the latest vulnerabilities.

VM consulting can help you improve the effectiveness of your existing processes, procedures, workflows, solutions and overall program. Optiv’s battle-tested team of experts and proven best practices can help. We work together with your team to review existing capabilities, identifying opportunities for improvement and addressing exploitable vulnerabilities – before a malicious actor does. We’ll validate the effectiveness of your current platform and help you make informed decisions to reduce cyber risk across your business. Our services are instrumental in meeting and maintaining compliance with industry-relevant standards, such as the Payment Card Industry Data Security Standard (PCI DSS) and the Healthcare Insurance Portability and Accountability Act (HIPAA).

Benefits of working with us:

- Identify inefficiencies in your VM people, processes and technology
- RemEDIATE vulnerabilities and reduce your attack surface
- Reduce risk and meet compliance requirements

Vulnerability Management Consulting Services

We help our clients identify weaknesses and inefficiencies in their existing vulnerability management technology, processes and overall security programs. Improving current VM capabilities allows you to better identify and address exploitable vulnerabilities within your environment and provide detailed guidance for remediation, leaving you less vulnerable to cyber attacks. Our services scale to meet your requirements, from quick starts and health checks (for those just getting started) to setting up full end-to-end programs (for organizations that are further along in the VM journey). Engaging with us will add a powerful extension to your team, help close gaps in your security, develop roadmaps and plans for improving your overall security program and leave you with a smaller, more secure attack surface.

80% of cyber-attacks use vulnerabilities reported three or more years ago
[Checkpoint Cyber Attack Trends Report, 2020]

50% of all vulnerabilities remain unfixed six months after discovery
[Veracode, State of Software Security Report]

84% of companies have high-risk vulnerabilities on their network perimeter
[PT Security, 2020 Report]
### VM Platform Health Checks

**GOAL**

Ensure your vulnerability management platform is set up and configured properly to identify, quantify and rank vulnerabilities in your applications, systems and network environment; evaluate your enterprise vulnerability management efforts at a technical, operational and overall program level.

**OVERVIEW**

Our VM Platform Health Check service examines and assesses your existing vulnerability management platform, related components (e.g., scanners, agents and other sensors) and configuration to identify areas for improvement.

Certified VM platform specialists evaluate select systems and your overall VM platform architecture.

This service includes a comprehensive review and validation of your VM platform technology implementation, configuration and infrastructure components based on Optiv's best practices and expert, hands-on experience with a wide range of clients across dozens of industries.

**SERVICE ACTIVITIES**

- Planning, assessment and production of initial VM platform assessment report
- Solution review, sharing best practices and implementing recommendations
- Production of final documentation and deliverables
- Project management and coordination

**FEATURES**

- Expert-level review of your VM platform
- VM platform tuning and optimization
- Vulnerability scan configuration review
- Expert advice on best practices to improve and optimize your VM platform capabilities

**BENEFITS**

- Validation of VM platform setup and configuration
- Fine-tune and optimize VM platform
- Subject matter expert consulting on vulnerability management platforms

### VM Platform Quick Start Services

**GOAL**

Accelerate the initial deployment, configuration and integration of your VM platform to fully operational status so your organization can quickly realize key VM benefits.

**OVERVIEW**

The VM Platform Quick Start service is designed to provide five key outcomes:

1. **Plan and validate VM platform requirements**—Optiv will review, scope and validate IT environment to ensure design is aligned with client requirements.

2. **Develop VM platform design**—Optiv will define a platform design that incorporates a scanning strategy and logical configuration based on client requirements while incorporating Optiv and industry best practices.

3. **Install and configure client’s selected VM platform**—Optiv will assist with the installation and configuration of the selected VM platform and sensors based on design specifications.

4. **Verify and validate operational capabilities**—Optiv will test the selected platform to ensure scanning and other operational capabilities are set up and working as expected.

5. **Provide customized VM platform configuration documentation**—Optiv will provide a summary of the specific configuration of the deployed VM platform products, post-installation, for future use.

**SERVICE ACTIVITIES**

- Planning and design
- Installation and configuration
- Operational setup
- Project management and coordination

**FEATURES**

- Identify weaknesses in your systems and network
- Understand the points of failure that can lead to a breach or disclosure

**BENEFITS**

- Identify lateral and vertical exploitation vulnerabilities that could lead to privilege escalation and sensitive data loss
- Document and remediate vulnerabilities
- Verify security controls
Vulnerability Management Staffing Uplift

**GOAL**
Provide clients with short-term and long-term staffing uplift support to assist with the development and operation of vulnerability and remediation program.

**OVERVIEW**
We understand how difficult it can be to find and retain skilled, experienced cybersecurity professionals in the current market.

Case in point: A recent report from CSO Online explains that the global cybersecurity skills shortage, based on the research data collected, is clearly getting worse.

Over 70% of cybersecurity professionals claim their organization has been impacted by the cybersecurity skills shortage.

In the past four years, this percentage has gone from a low of 69% to a high of 74%, showing a general uptick in the problem.

The primary impact of this skills shortage includes an increasing workload on existing cybersecurity staff, long-standing open positions, an increase in hiring of junior, inexperienced personnel and an inability to learn or fully utilize existing investments in security technologies.

That last item is ironic. Many organizations are so busy putting out cybersecurity fires that they can’t afford the time to learn how to use their fire extinguishers.

Optiv can help. Our VM and remediation team can assist when you’re short-staffed or in need of expert assistance.

**SERVICE ACTIVITIES**
Customizable to your specific requirements...
- Custom technical solution planning and design
- Custom technical solution installation and configuration
- VM program and remediation operational support
- Project management and coordination

**FEATURES**
- Designated or dedicated resource staffing models available
- Scalable staffing support
- Customizable to meet your organization’s specific requirements

**BENEFITS**
- Immediate staffing support for critical programs or functions
- Accelerate the implementation of new capabilities
- Address vulnerability backlogs to reduce your attack surface and minimize the risk of a cyber breach
- Maximize the benefits of your existing investments in vulnerability management technology platforms and solutions

Custom Consulting and VM Program Development Services

Optiv’s security pros have years of front-line vulnerability management experience. We routinely assist organizations as they assess their VM platforms, policies, processes, procedures and workflows, as well as the human element of complex IT environments. As part of our commitment to quality client service, we deliver detailed documentation for all service engagements along with actionable recommendations to help improve your capabilities and eliminate problems – now and in the future. We can also provide you with customized solutions and staffing support for enhancing and improving your overall vulnerability management capabilities. Contact one of our sales representatives today to learn more.