VULNERABILITY MANAGEMENT

THE MODERN ATTACK SURFACE HAS NEVER BEEN MORE COMPLEX.

METCLOUD

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VULNERABILITY MANAGEMENT

18,400 NEW SECURITY FLAWS RECORDED IN 2021.

The number of new security flaws recorded by NIST continue to break all previous records and experts predict that this will be a continual upward trend. As of Dec. 9, 2021, the number of vulnerabilities found in production code for the year was 18,400. Breaking down that statistic NIST recorded 2,966 low-risk vulnerabilities, 11,777 medium-risk ones, and 3,657 of a high-risk nature.

Despite all the effort and money spent on application security today, completely eradicating vulnerabilities from software is a very difficult task. The recent State of Software Security (SOSS) report from Veracode shows that 76% of all applications have at least one vulnerability. The most common types of flaws found within the software analyzed by this study were: information leakage, CRLF injection, cryptographic issues, code quality, and credentials management.

84%

of companies have high risk vulnerabilities on their network perimeter

80%

attacks use vulnerabilities reported three or more years ago

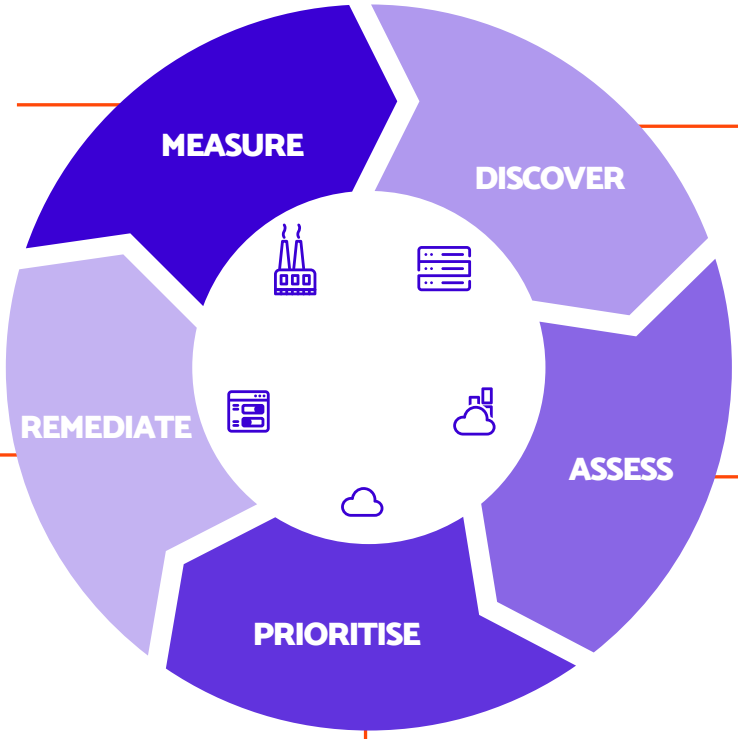
WHY YOU NEED VULNERABILITY MANAGEMENT

The modern attack surface has never been more complex. Your organisation is likely to have more assets, more asset types and so the attack surface becomes increasingly diverse with a higher number of vulnerabilities every day. This leads to an unbearable workload for your organisation and so it is difficult to stay ahead of attackers.

Hence, a Vulnerability Management (VM) service is essential and enables you to detect and effectively manage vulnerabilities within your IT estate. Organisations need a comprehensive strategy to identify all the applications in their environment quickly and accurately. METCLOUD's specialized team is ready to deliver explicit and automated vulnerability coverage of your systems. Our services manage both traditional and cloud IT assets, for merged visibility across your attack surface.

Our quick deployment service ensures the effective implementation of the VM solution to immediately improve your security posture and set you up for any future risks.

THE CYBER EXPOSURE LIFECYCLE FOR RISK BASED VULNERABILITY MANAGEMENT (RBVM)



Calculate, communicate and compare key maturity metrics to drive risk reduction.

Identify and map every asset for visibility across the organisation's entire attack surface.

Understand the state of all assets, including vulnerabilities, misconfigurations and other health indicators.

Understand exposures in context, to prioritise which vulnerabilities to fix first based on asset criticality, threat context and vulnerability severity.

Apply the appropriate remediation or mitigation technique.

HOW DOES IT WORK

PLANNING AND PREPARATION

Our remote or onsite engagement options are multi-phased service offerings that are designed to enhance your deployment. We are working with you to determine the scope of your implementation, based on your Risk and IT-based metrics for your VM journey.

DISCOVER

Once we have set up all required credentials, we identify and map every asset for visibility across your entire attack surface. Our team will also demonstrate effective methods to discover other services, applications and unknown devices including IoT that may be in use across your environment.

ASSESS & PRIORITISE

We assess your attack surface by understanding the state of all assets including vulnerabilities, misconfigurations, and other health indicators. Once this process is over, the exposures are listed accordingly based on their asset criticality, threat context and their severity level. Our service differentiates from our competitors due to this critical step – we do not waste our time and we act immediately to remediate the top risks in your attack surface.

REMEDIATE

Once our team determines which vulnerabilities to prioritize, it is time to work along with your organisation to address them. An effective assessment and prioritization is crucial for remediation and can ensure that all the remediation actions will deliver the desired outcome. During this step, our team will ensure that the high-risk vulnerabilities will be remediated first, to enhance the security of your systems.

MEASURE

Measurement is a crucial step to reflect what has been effectively remediated. We calculate, communicate compare key maturity metrics to drive risk reduction. By measuring metrics such as how many vulnerabilities have been remediated, how many are mitigated and the number of remaining so we can eliminate potential risks and drive continuous improvements.

STAY PROTECTED WITH METCLOUD

Informed decisions: Risk based VM correlates and analyses vulnerability data with contextual elements such as asset criticality and threat and exploit intelligence to help you understand actual risk.

Proactive and focused: Transform vulnerability data into meaningful insights so you can focus on the vulnerabilities that pose the greatest risk to your organisation.

No more blind spots: Our VM service goes beyond traditional IT assets, giving you complete visibility across your attack surface, regardless of asset type or location in your network.

Strategic Approach: We continuously assess known assets and immediately discover and assess new assets to go beyond static, reactive practices used in legacy VM.

Automation for fast and accurate results: We use Machine Learning (ML) algorithms to process more than 20 trillion threat, vulnerability, and asset data point to render an accurate risk score for every vulnerability within seconds.

Why METCLOUD?

Award winning company for cybersecurity, innovation, and excellence. Our vision is to be the global brand of choice for next generation cybersecure cloud services. Our services have been architected with security by design. Ransomware, Cloud vulnerabilities, Phishing attacks Social engineering and vulnerability management are the five top global security threats. METCLOUD's portfolio of cyber security and cloud services will ensure that you protect, defend, and mitigate any potential cyber attack irrespective of how it was carried out.

Let’s get connected.

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and speak to one
of our experts.

Email the team.
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Visit our website for
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