SΛPPHIRE™

Vulnerability Management Service Definition

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Overview

The age of digital transformation, everything is interconnected – from cloud resources and containers to OT and identity platforms. Each day brings something new that needs to be addressed in your vulnerability management program. However, the more you assess all your assets broadly and thoroughly, the more overwhelming the vulnerability overload becomes. It's tempting to do less and only meet compliance requirements, but this approach puts your organisation at risk. Old methods of vulnerability management are no longer enough. You need a method to identify all vulnerabilities and then narrow them down to a manageable quantity.

Vulnerability Management is a proactive, risk-driven approach delivers comprehensive, continuous visibility and informs technical and business decisions.

You need a solution that helps you:
- Assess all your assets for vulnerabilities and misconfigurations continuously.
- Measure the vulnerability's risk to your business using threat intelligence and asset criticality.
- Predict which vulnerabilities present the most risk to your organization, so you know what to focus on first.
- Deliver risk-based information to business owners.
- This is risk-based vulnerability management (RBVM), and it's not optional.

Risk-Based Vulnerability Management

Risk-based Vulnerability Management is the process of reducing vulnerabilities across your attack surface by prioritising remediation efforts based on risk. With risk-based vulnerability management solutions, you get:
- Full visibility into the converged attack surface: Get the broadest coverage and most thorough assessment of the traditional and modern assets in your attack surface.
- Dynamic and continuous assessment: Assess new and transitory assets as soon as they become active (e.g., integrate assessment into your CI/CD pipeline).
- Prioritization powered by machine learning:
- Know exactly which vulnerabilities to remediate.
- to reduce risk. Our machine learning models automatically combine vulnerability severity data with threat intelligence and asset criticality to predict each vulnerability's impact on your organisation.
- Tailored dashboards: Communicate business system risk, not vulnerability counts, to business stakeholders.

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