



From Discovery to Protection: Eliminating Risk Through Agent Vulnerability Scanning



Spencer Brown

Product Management, Cloud Agent

Better Outcomes with Cloud Agent

Measure, Communicate and Eliminate Risk



DE-RISK YOUR BUSINESS

Qualys Cloud Agent Passive Sensor

Continuously Monitor and Reduce Attack Surface



Single, Lightweight, extensible, self-updating & centrally managed Agent

Customizable Qualys Agent for various systems, filters data from public or home networks



Get away from the limitation of network taps

Non-intrusive network reporting with auto-elected Master Reporter per domain, showing managed/unmanaged assets in Qualys platform



Passive sensing

Data will be sniffed passively in the subnet by listening to broadcasts and multicasts

- Collect rich asset metadata using ARP, DHCP, SSDP, NetBios, mDNS, CDP/LLDP, LLMNR, WSD and more.



Cloud Agent Passive Sensor Stats

1+

Million Unknown Devices
Discovered



1+

Million Cloud Agents
Passively Sensing



500+

Active CAPS Customers



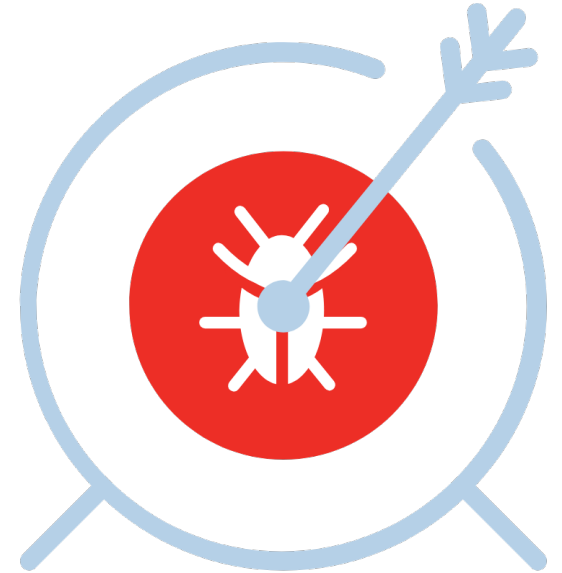
Discovering devices is only part of the battle



Discovery



**Vulnerability
Scanning**



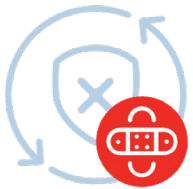
**Eliminate
Risk**

Challenges of Asset Conversion: Unmanaged to Managed



Limited Attribution

- Passive scans may not provide sufficient information to assign an owner.



Scanner Uncertainty

- It's difficult to know which scanner to use due to lack of network connectivity with the unmanaged host.
- The asset's network location may be unknown.



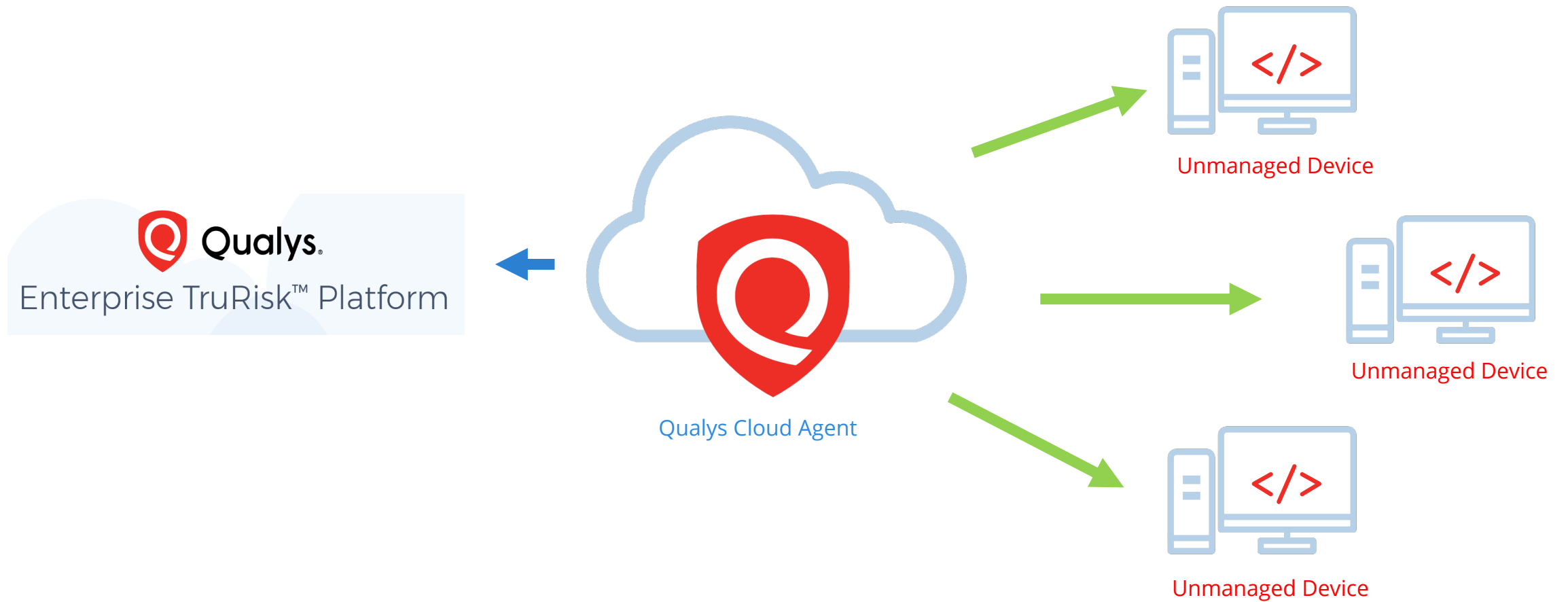
Asset Movement

- The asset might have moved to a different network since it was first discovered, making it unavailable for subsequent scanning.

From Passive Sensing...



To Active Scanning!



Device Discovered and Risk Assessed

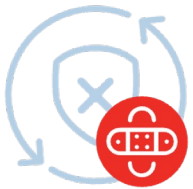


One Agent, Full Control: Seamless Discovery and Remote Scanning for Unmanaged Assets



Attribution Accuracy

- The agent helps gather enough detailed information to accurately identify and assign asset ownership.



Efficient Scanning

- Remote scanning removes the need for direct network connectivity or identifying the appropriate scanner, as the agent discovered the asset initiates the scan.



Faster Time to Remediation

- Since the agent is already on the asset, the discovery and scanning process is streamlined, allowing you to identify and mitigate vulnerabilities more quickly.

