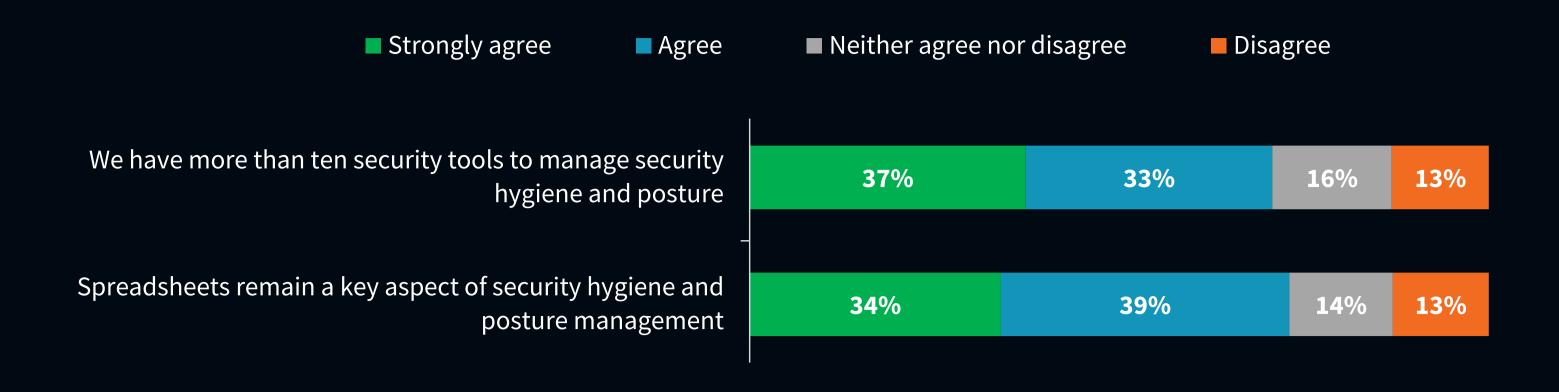


Security Hygiene and Posture Management

Organizations have accelerated cloud computing initiatives to support a growing population of remote users while also deploying new types of devices as part of digital transformation initiatives. These trends result in a growing attack surface, management challenges, vulnerabilities, and potential system compromises. Meanwhile, security teams are concerned about recent major cybersecurity hacks. Organizations must therefore assess processes, examine vendor risk, and test security more frequently.

Security Hygiene and Posture Management Remains One of the Least Mature Areas of Cybersecurity



The External Attack Surface Is Vulnerable and Prone to Exploitation



The attack surface at my organization has increased <u>substantially</u> over the past 2 years

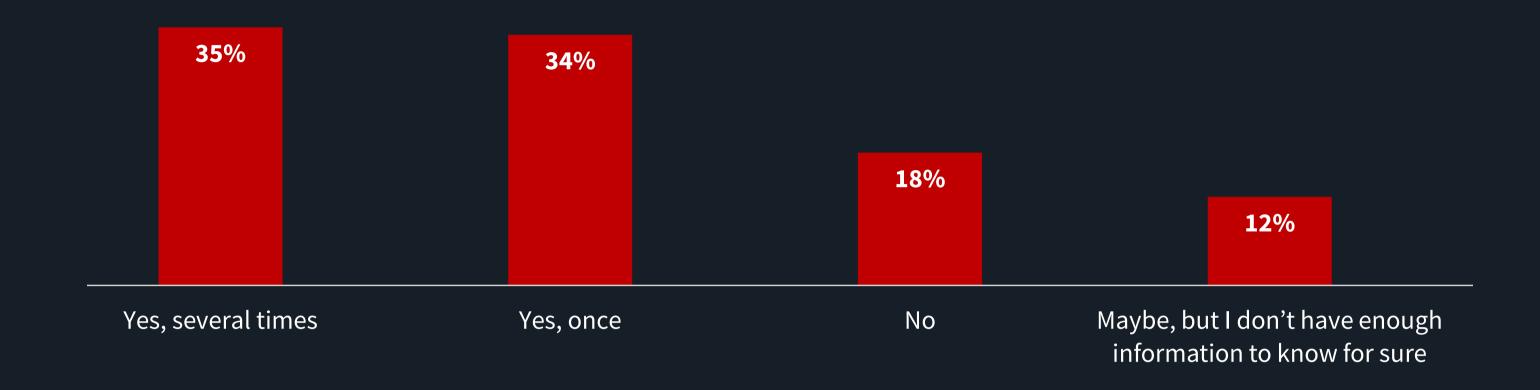
22%

The attack surface at my organization has increased <u>slightly</u> over the past 2 years



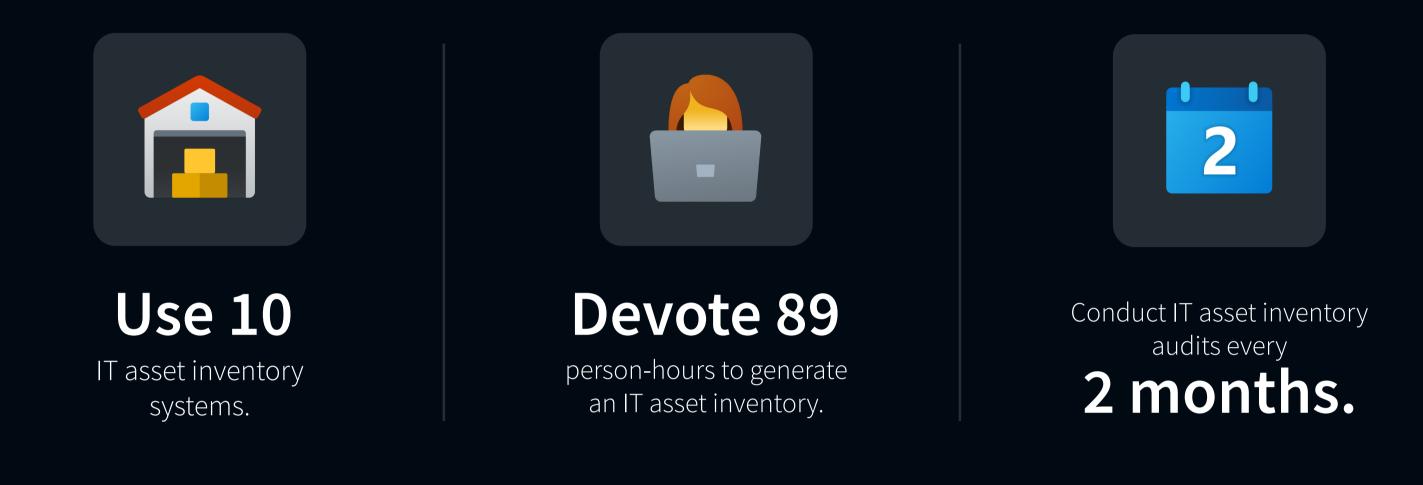


HAVE ORGANIZATIONS EXPERIENCED ATTACKS TIED TO INTERNET-FACING ASSETS?



Asset Management Depends Upon Tools, Processes, and Cross-department Cooperation

ON AVERAGE, ORGANIZATIONS:



TOP 3 CHALLENGES UNDERSTANDING IT ASSET INVENTORY.

Establishing an inventory of hybrid IT assets involves different organizations so it can be difficult to coordinate activities

40%

39%

Conflicting data from different tools makes it difficult to get an accurate picture of our hybrid IT infrastructure

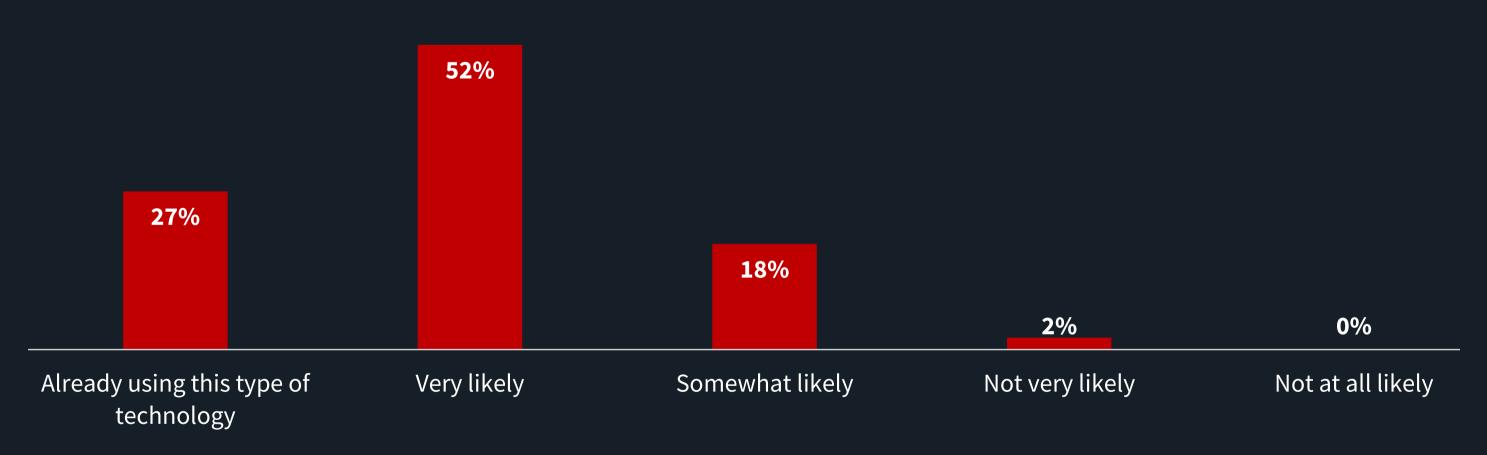
Having thousands of assets that change frequently makes it difficult to conduct a complete hybrid IT asset inventory

While the Value of Security Testing Is Well Understood, Frequency and Depth Remain Underserved

TOP 3 PRIMARY REASONS FOR CONDUCTING PENETRATION TESTS AND RED TEAM EXERCISES.



BREACH AND ATTACK SIMULATION (BAS) TECHNOLOGY USE.



TOP 5 MOST COMPELLING ASPECTS OF BAS TECHNOLOGY.



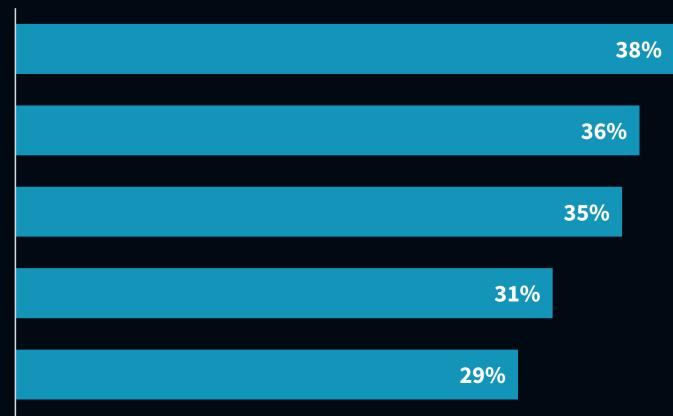
Ability to use BAS to establish a "purple team" security methodology Ability to use automated testing to rationalize and consolidate our existing security technologies Ability to use BAS to uncover coverage gaps Ability to use BAS technology to test the effectiveness of new technologies my organization may purchase BAS technology that is tightly integrated with an attack surface management system

Security Hygiene and Posture Management Strategies Are Evolving

TOP 3 SOURCES OF BUDGET FOR SECURITY HYGIENE AND POSTURE MANAGEMENT.



TOP 5 STEPS TO IMPROVE SECURITY HYGIENE AND POSTURE MANAGEMENT.



Performing continuous security control validation to discover gaps in existing security tools and perform prompt remedial actions to harden security posture

Automating processes associated with security hygiene and posture management

Deploying a dedicated tool for security/IT asset management that can interoperate and pull data from other existing systems

Increasing the staff dedicated to security hygiene and posture management

Deploying attack surface management technology that can discover and test internet-exposed assets and can alert/prioritize associated cyber-risks

LEARN MORE

For more from this ESG research study, including analysis of an important emerging market segment that CISOs should keep an eye on, read the ESG Research Report, *Security Hygiene and Posture Management*.

