

Walking the Line: GitOps and Shift Left Security

As organizations adopt modern software development processes, developers are empowered to quickly develop and release their applications by deploying them to the cloud. This challenges security teams to keep up with the speed of continuous integration/continuous deployment (CI/CD) cycles, including misconfiguration detection and rapid remediation. Enterprise Strategy Group recently conducted research examining the nuances of the movement to shift security left in an effort to increase security without slowing down development.

Modern Development Increases Speed *and* Security Risk

Top 3 security challenges caused by faster CI/CD development cycles.



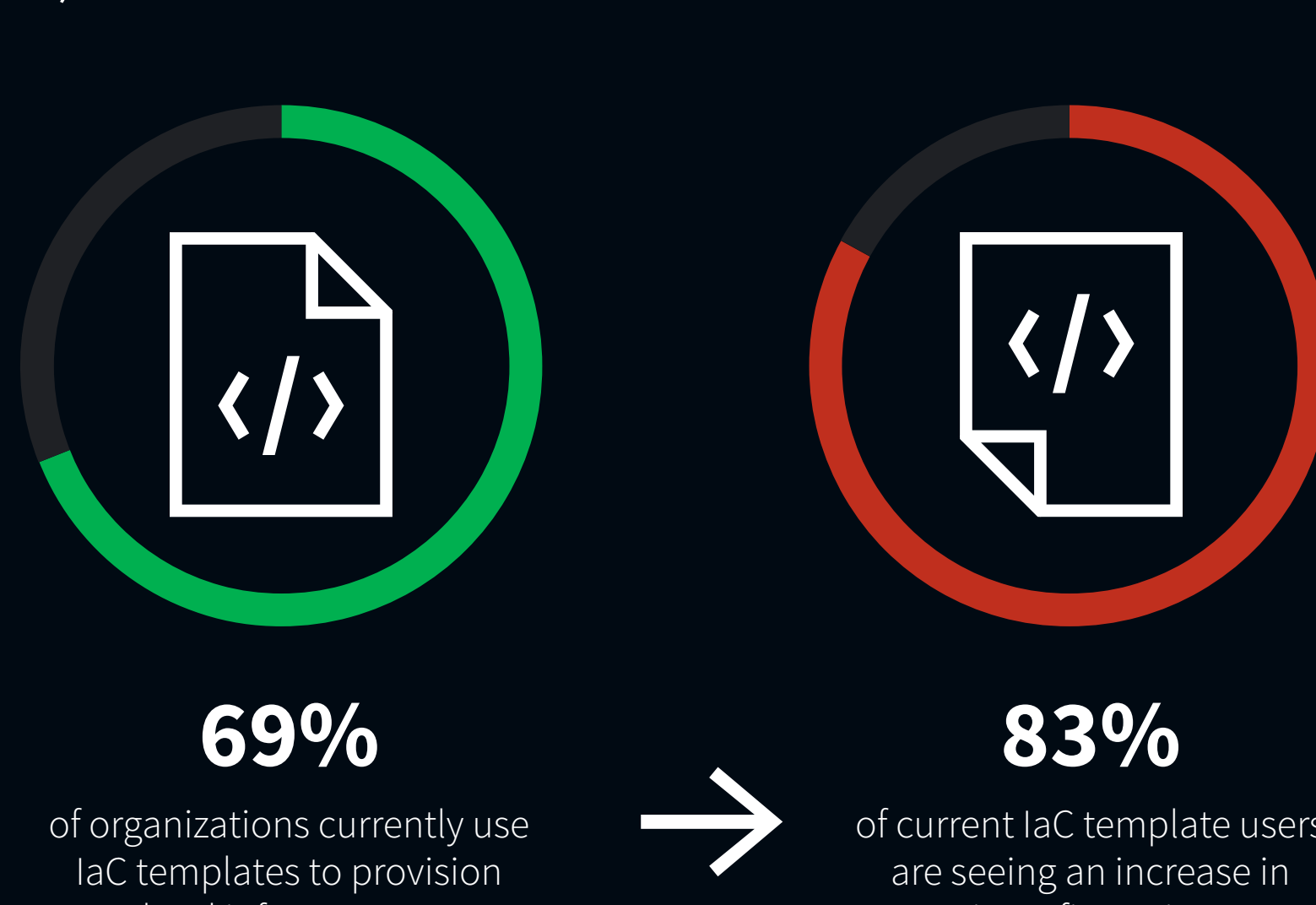
Percentage of code composition that is open source software.



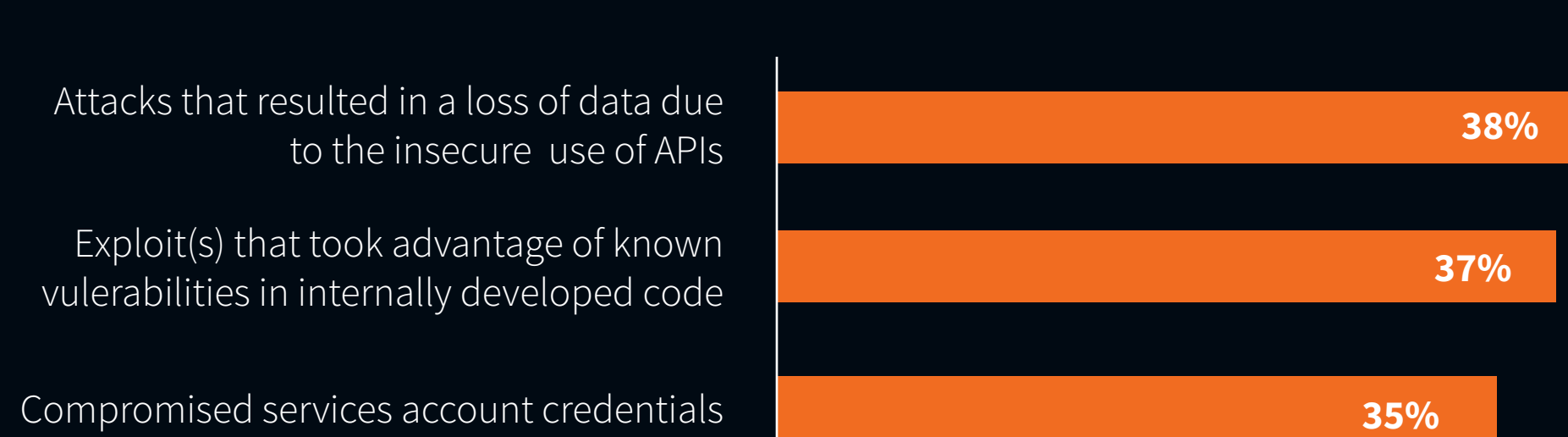
Top 3 open source software challenges and concerns.



Infrastructure-as-code (IaC) considerations.



Top 3 cybersecurity incidents experienced as a result of cloud-native applications.

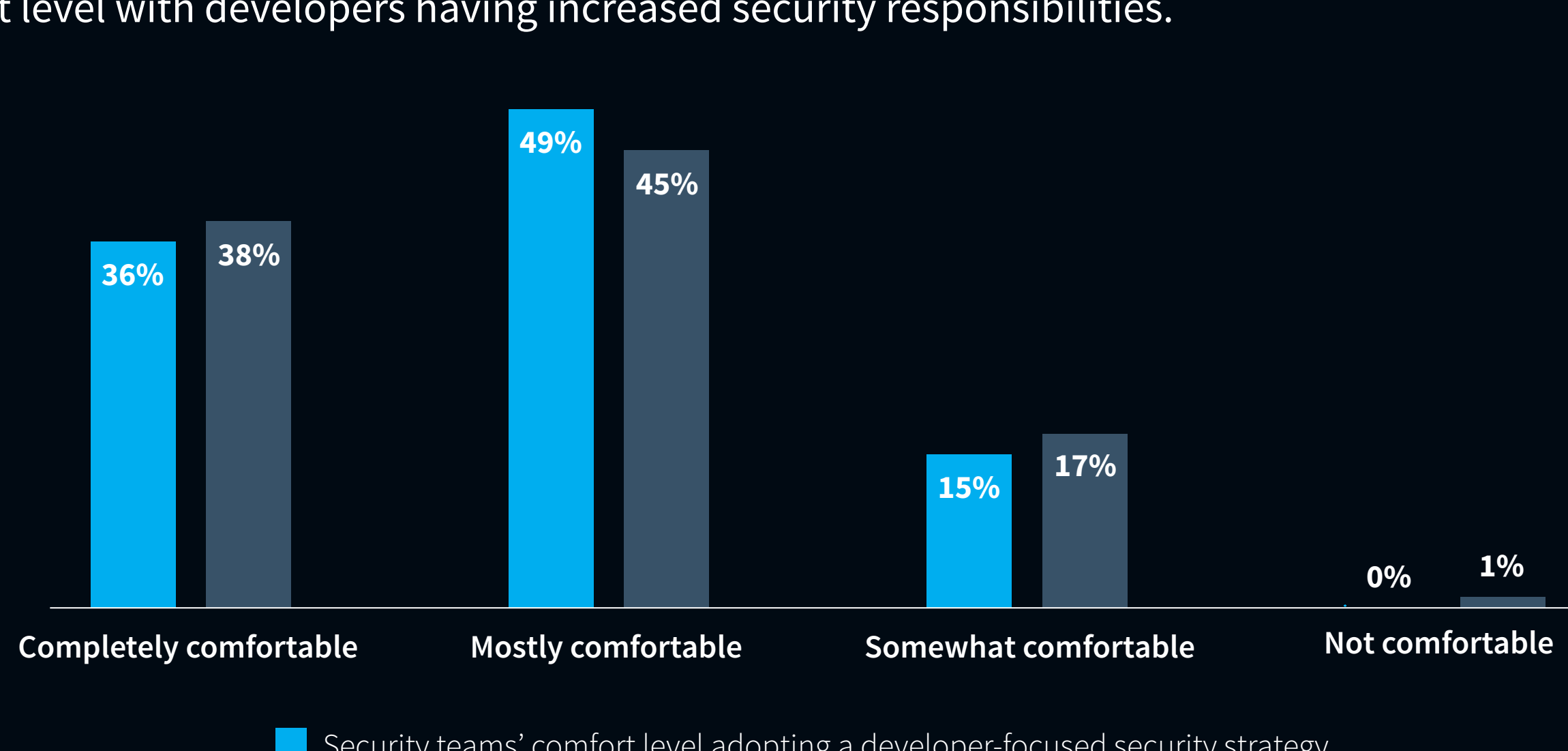


Security Must be Inserted into Development Processes without Disruption

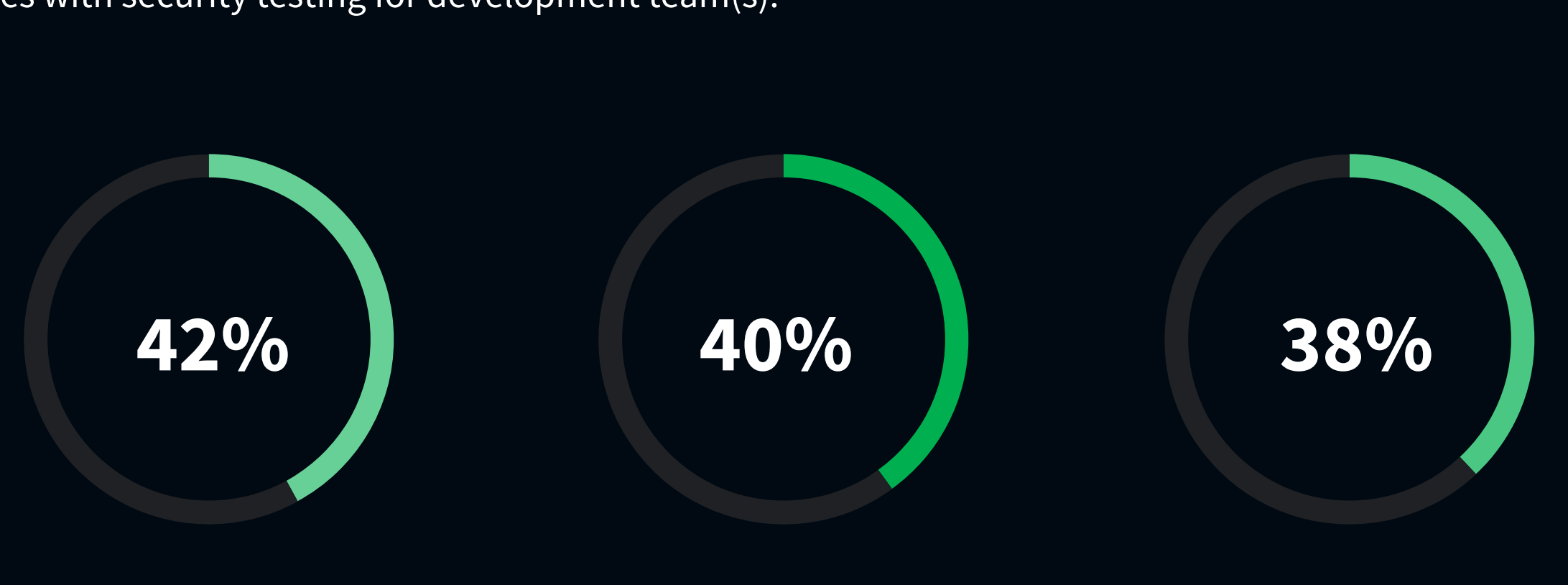
Priority level for adopting a developer-focused security strategy.



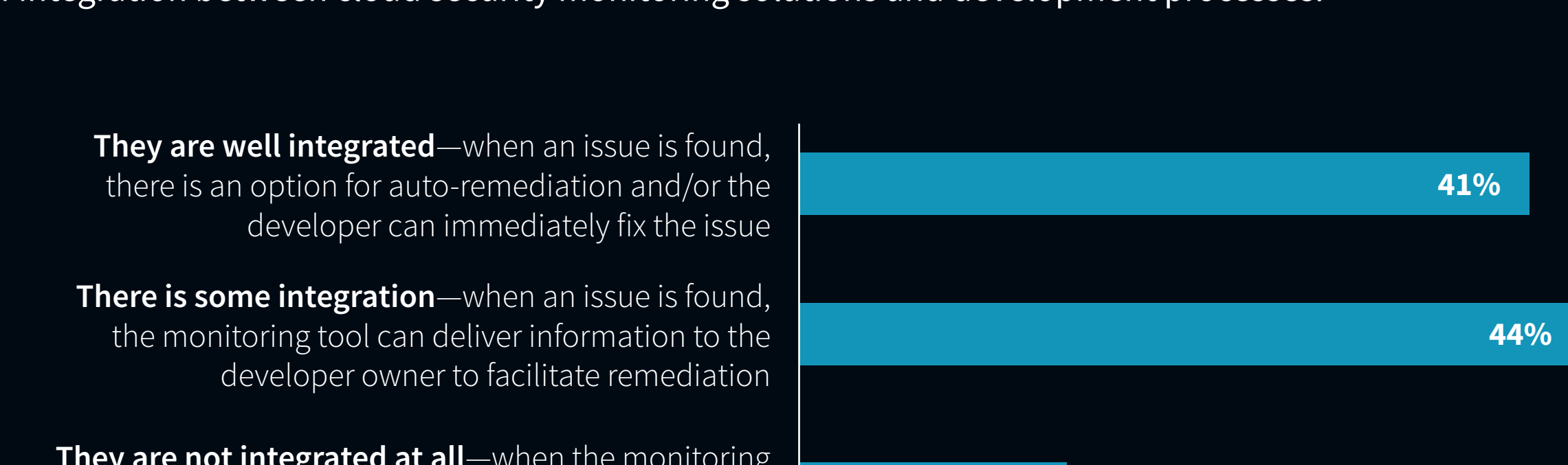
Comfort level with developers having increased security responsibilities.



Top 3 challenges with security testing for development team(s).



Level of integration between cloud security monitoring solutions and development processes.



LEARN MORE

For more from this study, read the Enterprise Strategy Group research report, *Walking the Line: GitOps and Shift Left Security*.