

CISOs struggle to manage risk due to DevSecOps ineffectiveness

Organizations are increasingly adopting DevSecOps practices to innovate faster without compromising security. But manual processes, data silos, and point tools are slowing their journey to DevSecOps maturity.

The pace of modern digital transformation is creating challenges

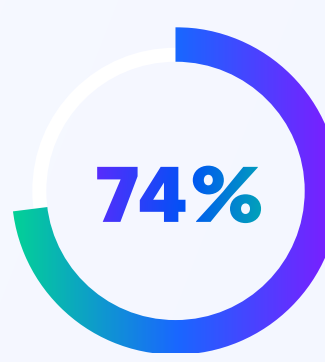
A global survey of 1,300 CISOs shows some of the difficulties organizations face as they manage risk:



It's critical to weave security into the fabric of DevOps practices



say **cloud and software supply chain complexity** has made vulnerability management difficult.



face challenges working with **vendors** to resolve vulnerabilities in the software supply chain.

The lack of scalability, context, and automation provided by the range of point tools organizations have eroded productivity

62%

of organizations use **four or more solutions** to maintain the security of their applications.

58%

of the vulnerability alerts that security scanners flag as "critical" are considered **unimportant in production**.

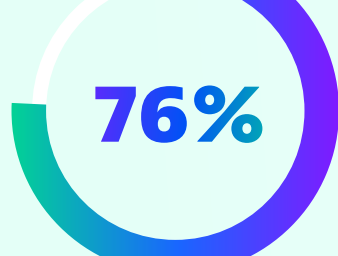
50%

of organizations are fully confident that their applications have been completely **tested for vulnerabilities before going live in production**.

55%

say security data spans multiple platforms, so it's **difficult to gain context**.

A critical zero-day vulnerability can send teams into a frenzy as they work to identify risks, and reassure stakeholders.



say the time it takes between discovering zero-day attacks and patching every instance is a **significant challenge**.



say it's impossible to **respond** to zero-day vulnerabilities **quickly enough to eliminate risk entirely**.

Team silos and tool fragmentation also hinder DevSecOps maturity

67%

say development, security, and operations teams rely on **point solutions rather than integrated platforms**.

75%

say that team silos and point solutions make it **easier for vulnerabilities to slip into production**.

81%

say they will see **more vulnerability exploits** if they do not find a way to make DevSecOps work more effectively.

Here's what CISOs recommend for making DevSecOps more effective:



say vulnerability management would be easier if solutions **combined application runtime context with vulnerability analysis and risk impact assessment**.



say DevSecOps would be more effective if all teams worked from **one platform**.



say that **automation and AI are critical** for a successful DevSecOps culture and overcoming resource challenges.

Explore more insights

Learn more about how converging observability and security is critical to fully realizing DevSecOps potential and how Dynatrace's unified platform approach can help your organization deliver reliable, resilient, and secure software.

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