



Securing Cloud Native Applications at Scale

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Software Supply Chain Security



Code

- **Software deployed daily** - 'waterfall' approach doesn't scale. Scans can't take hours.
- **10-20% of code is custom** - SAST can focus here



Open Source Code

- **80-90%** of codebase is Open Source
- **80%** of vulnerabilities found in indirect dependencies



Containers

- **100s** of Linux packages inherited from public sources
- Built, deployed & scaled **in seconds**



Infrastructure
as Code

- **#1 cloud vulnerability** is misconfiguration [NSA]
- Network access, storage, servers - **deployed as fast as code**

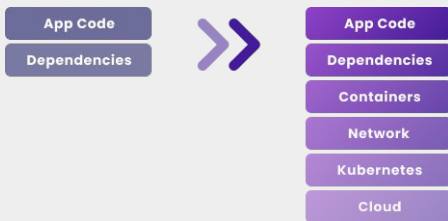
Managing application security is getting harder

**Developers
introducing code with
growing frequency**



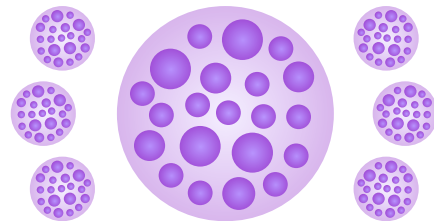
Generative AI propels productivity, but security issues cause frustration

**Applications more
complex than ever
before**



Visibility into overall security posture is more difficult to maintain

**Number & complexity
of issues in backlogs
continues to grow**



Difficult to ensure complete coverage, identify and prioritize risk to the business

A modern approach to security is required

Traditional App Sec

Testing after development



Audit Based



Code and Infrastructure
Secured Independently



Handful of security experts



Dev-First

Continuous Testing



Fix Based



Holistic Cloud Native
Application Context



Devs are security
champions



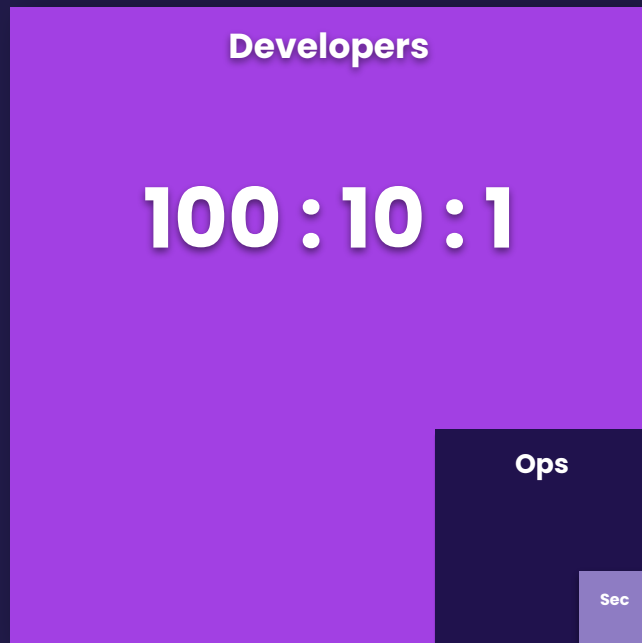
The only way to scale security is to empower developers

"The ratio of engineers in Development, Operations, and Infosec in a typical technology organization is 100:10:1.

When Infosec is that outnumbered, without automation and integrating information security into the daily work of Dev and Ops, Infosec can only do compliance checking, which is the opposite of security engineering - and besides, it also makes everyone hate us."

- **Gene Kim**

Co-Author of *The DevOps Handbook*





Developer Security Platform



Developer Experience



Snyk
Application Intelligence



Snyk Learn
Security Education



Snyk Intel
Security Intelligence

Empowerment

Extensibility

Governance

Snyk's application security empowers secure developers

All your developers



App devs



Platform devs

Throughout their code



Code



Open Source Dependencies

In their chosen workflow tools

Code stored in SCM



Develop features & fixes in IDE



PR check in SCM



Automated build & test in CI/CD



Store artifacts in registry



Deploy & run in cloud



Prioritize & fix top risks with broad application context provided by Insights



Containers



Infrastructure as Code



Application intelligence



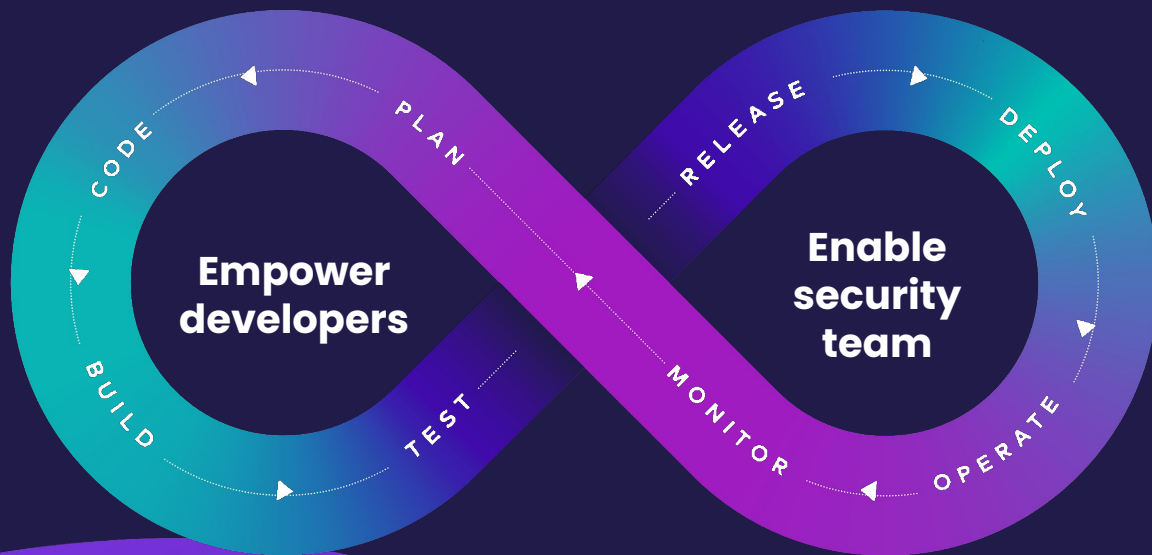
Security Education



Security intelligence

Snyk enables you to fix the DevSecOps cycle

Extend the reach of your security team with a developer-centric approach





**Visit our booth
Hall 6, 6-126**

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