

Overcoming security challenges with DevSecOps

Throughout the years, software development practices have evolved to serve the needs and the speed of business. However, digital leaders are still facing challenges with security and development.



Security and software development challenges:



Security cost

60x

cost to fix a security defect in production instead of development



Shift left

62%

of enterprises do not integrate security in the development phase



Dev & security silos

58%

of security and development teams do not collaborate



Remediation time

218days

Is the average time it takes to detect a vulnerability



The solution: collaboration, tooling, and DevSecOps best practices.

Shared tooling



Dependabot
Code QL
Secret scanning
GitHub Actions



Azure Security Center
Azure Monitor
Azure Policy
Azure Key Vault

Collaboration across teams



Developer

Builds line of business apps



IT/SecOps

Monitors and responds to security alerts

With collaboration, DevSecOps teams can trace vulnerability scan results back to the vulnerable repository.

Team specific benefits



Developers can more easily include security in the development cycle and delivery pipeline.



SecOps and IT teams gain additional visibility into development security practices.