Cloudnative DevSecOps Achieving Continuous Compliance

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Play Games 24x7

Agenda

- Guiding Principles
- 10k Feet View
- Evolution of Controls
- Zoom-in View of Cloudnative DevSecOps
- Indicative Architecture of Cloudnative DevSecOps

Guiding Principles



Everything as Code (XaC)



Embedded Guardrails



Zero Trust



Prescriptive Paved Way



Adherence with Internal Governance



Industry Benchmarks



Secure By Design



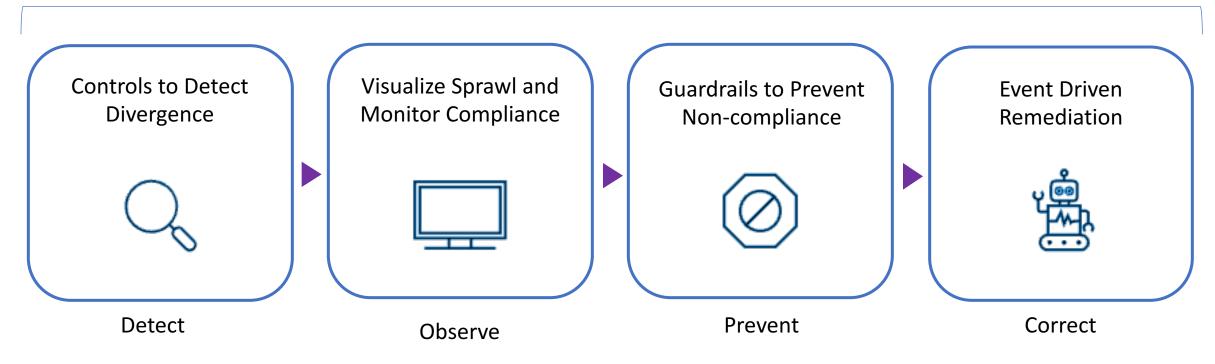
Automation First Mindset



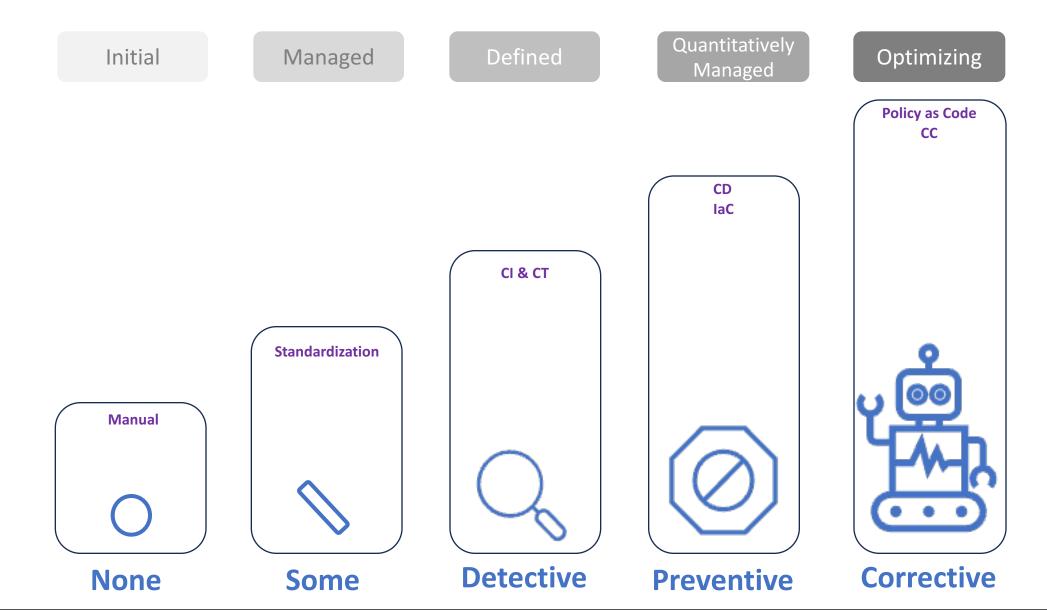
Shift Left

10000 Feet View





Controls Evolve with DevSecOps Maturity



Cloudnative DevSecOps



Code

- ✓ Threat Modelling
- ✓ Secured Coding Practices
- ✓ Secured CI/CD



Container

- ✓ Image Scan
- ✓ Container runtime Security



k8s

- ✓ Cluster Security
- ✓ Secured & Compliant Workloads



Cloud

- ✓ Cloud Security
- ✓ IaC

Project Tracker **Continuous Compliance Architecture** Raise Ticket for Dev Actions Notification Compliance Dashboard Developer Parallel Execution **Asynchronous Audit SCA Image Scan DAST IaC Compliance** SaaS VCS **IDE Plugins Pre-commit Hooks Code Quality SAST** govindarajanv Fail Fast Shift Far Left **Automated Guardrails Sync Automated Runtime** Continuous Sync & Async Audits **Audit** Compliance

Q&A