MIRANTIS

Secure Software Supply Chain

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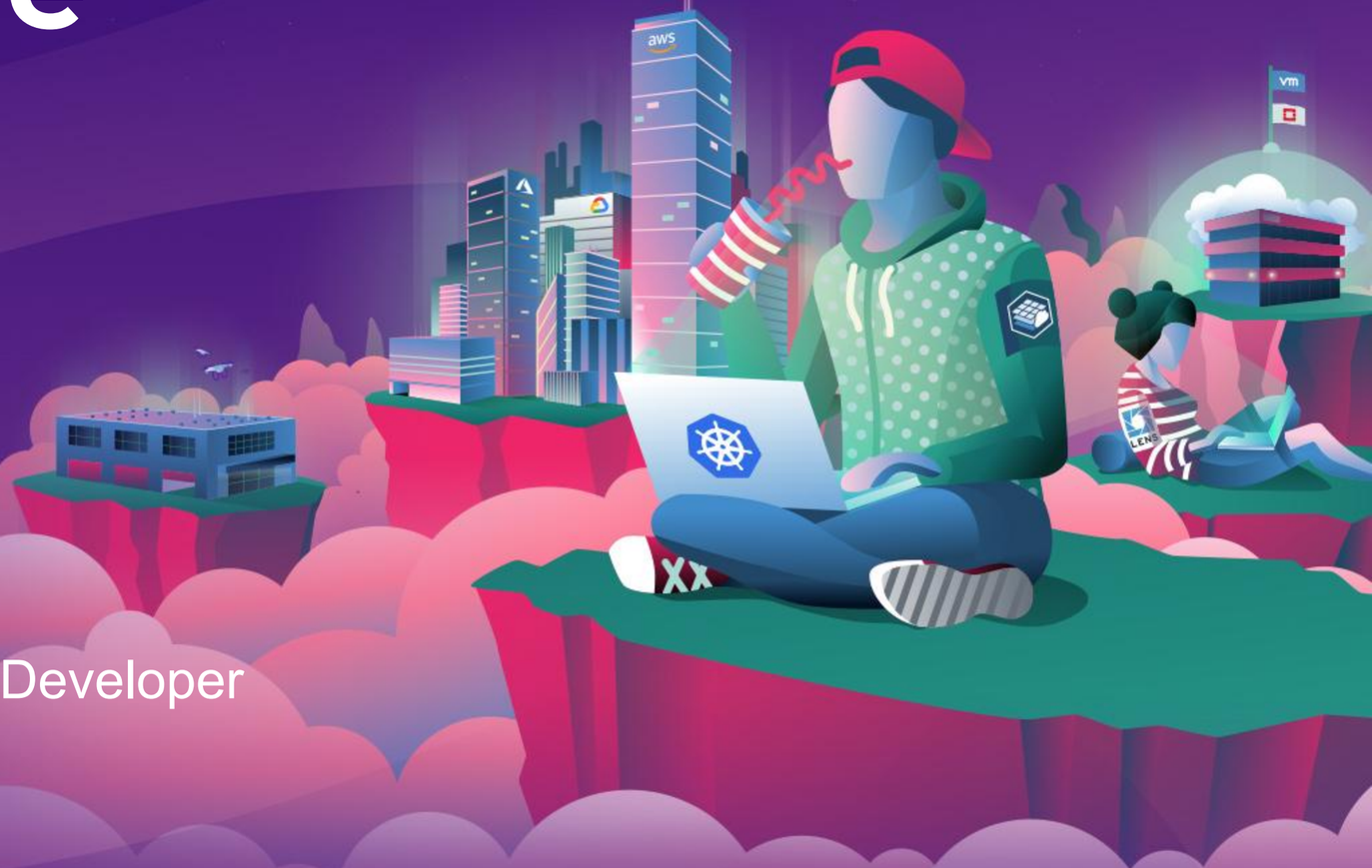
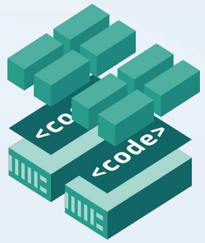


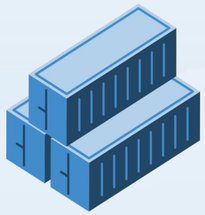
What is the software supply chain?

Everything that goes into delivering applications into production



Infrastructure as code

Technology partner

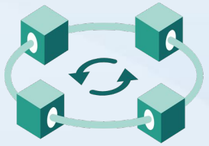


Containers

Kubernetes orchestration

Open source

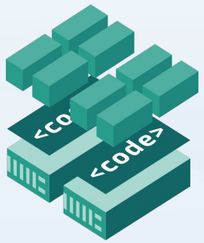
Security



CI/CD

What is the software supply chain?

A tangled web of everything that goes into delivering applications into production



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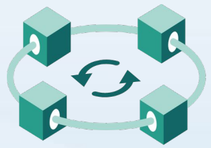


CI/CD

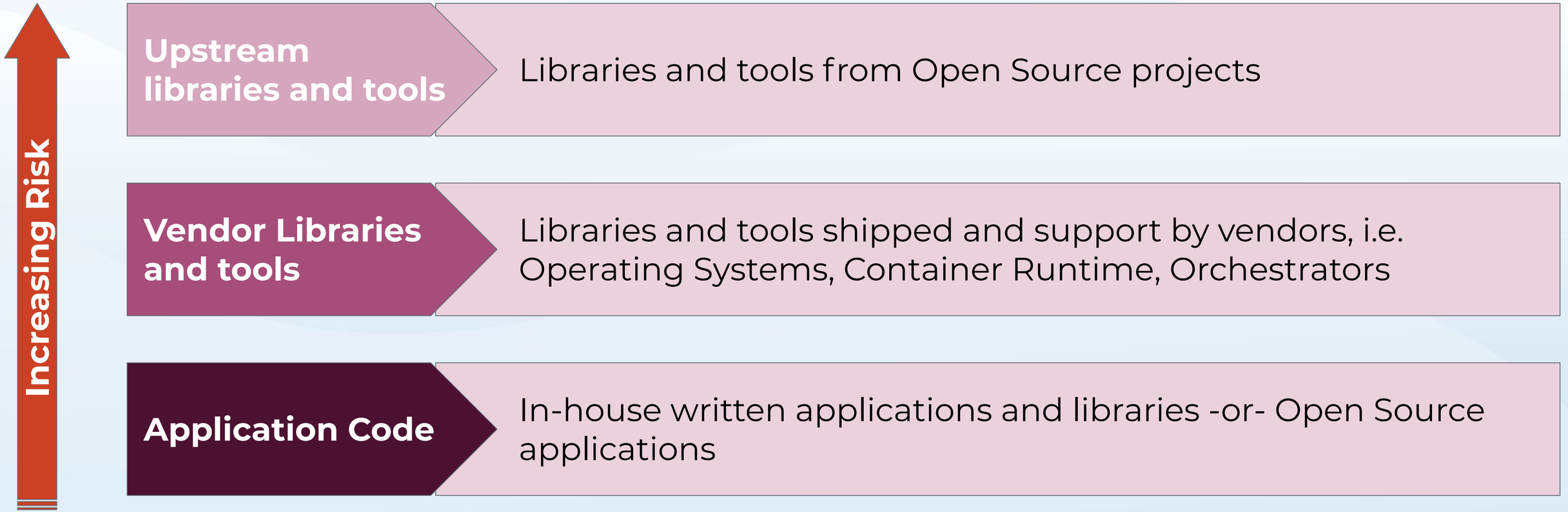
What is the risk?

- Data exposure or loss
- Backdoor injection
- Ransomware

Software Supply Chain Cyber attacks:

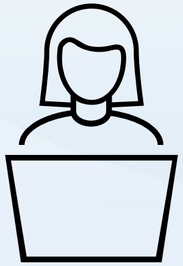
- Stuxnet
- NotPetya / M.E.Doc
- British Airway
- Solarwinds

Key Risk Areas



Secure Software Supply Chain

Integrated Dev Tools

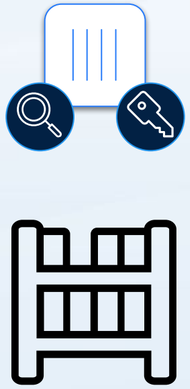


Devs code & test locally (“Inner Loop”)

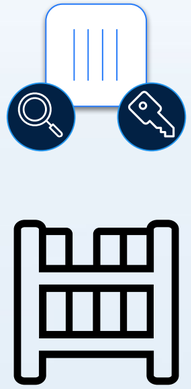
CI/CD Pipelines

CI/CD tests applications; digitally signs them

Image Security & Governance

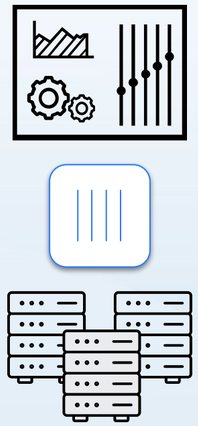


Images are stored in a registry, scanned for vulns



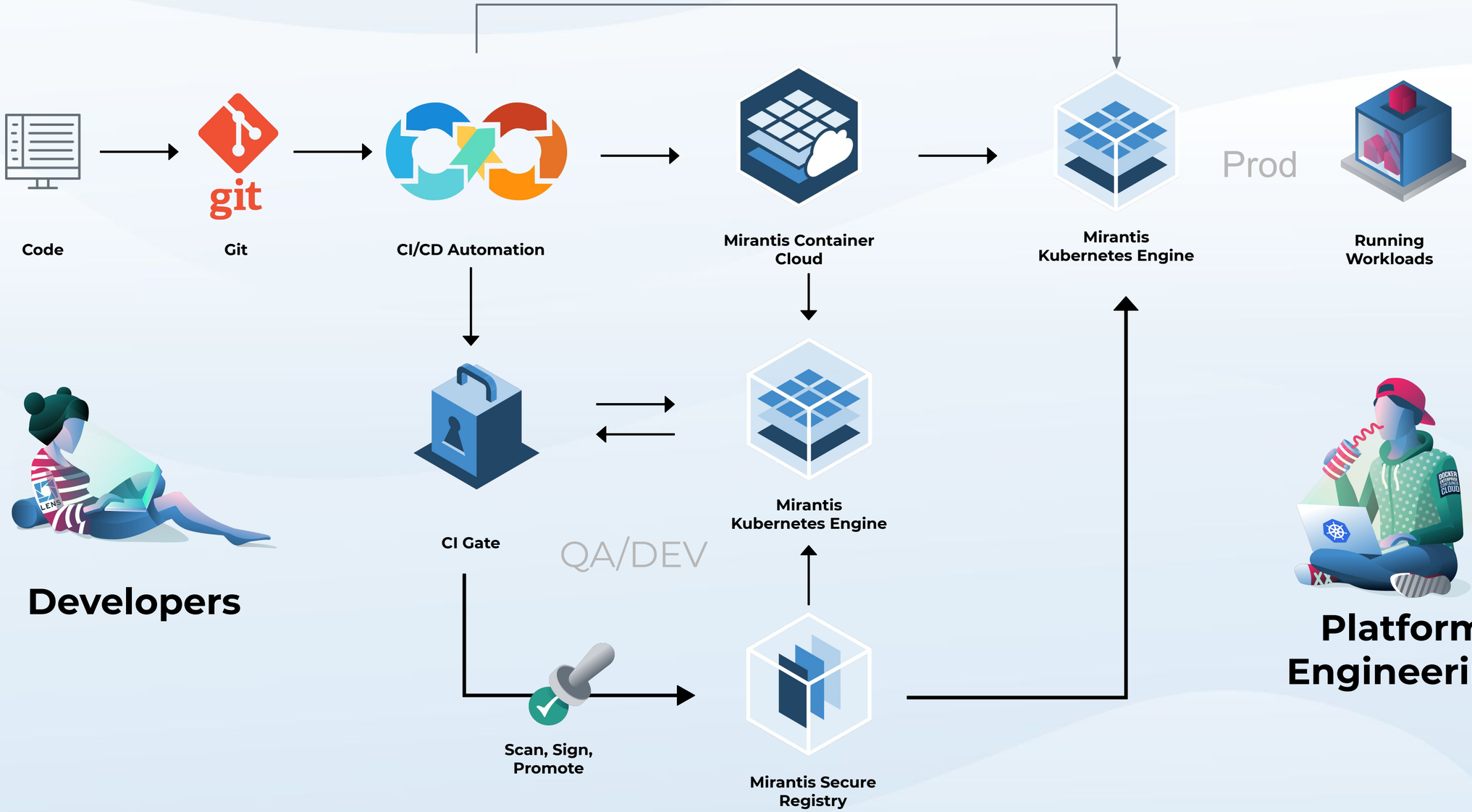
Images that pass all tests & security checks promote to production

Ongoing Production Controls



Continual security checks to surface new security issues

Ship Code Faster: Secure Software Supply Chain



What we need

Images that are scanned, tested, reviewed, and verified.

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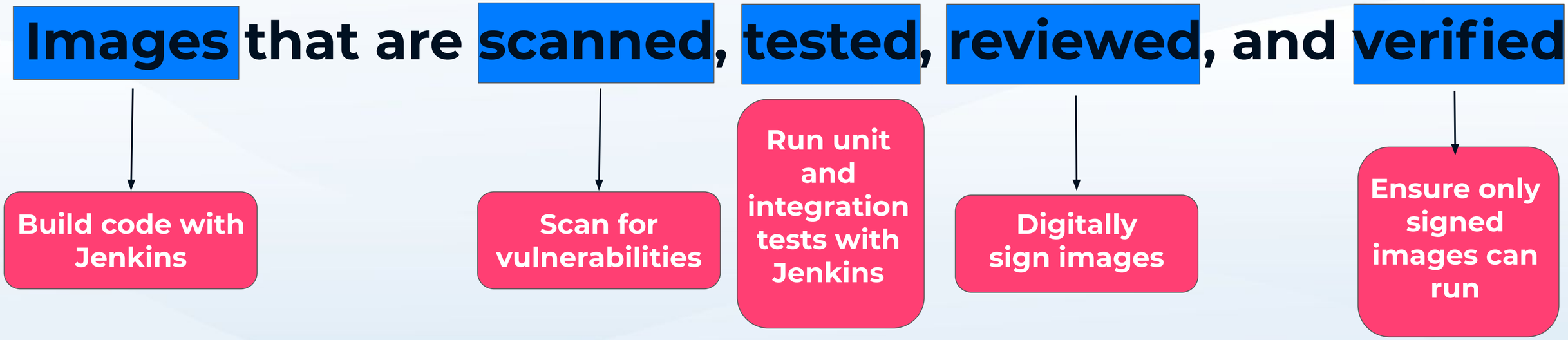

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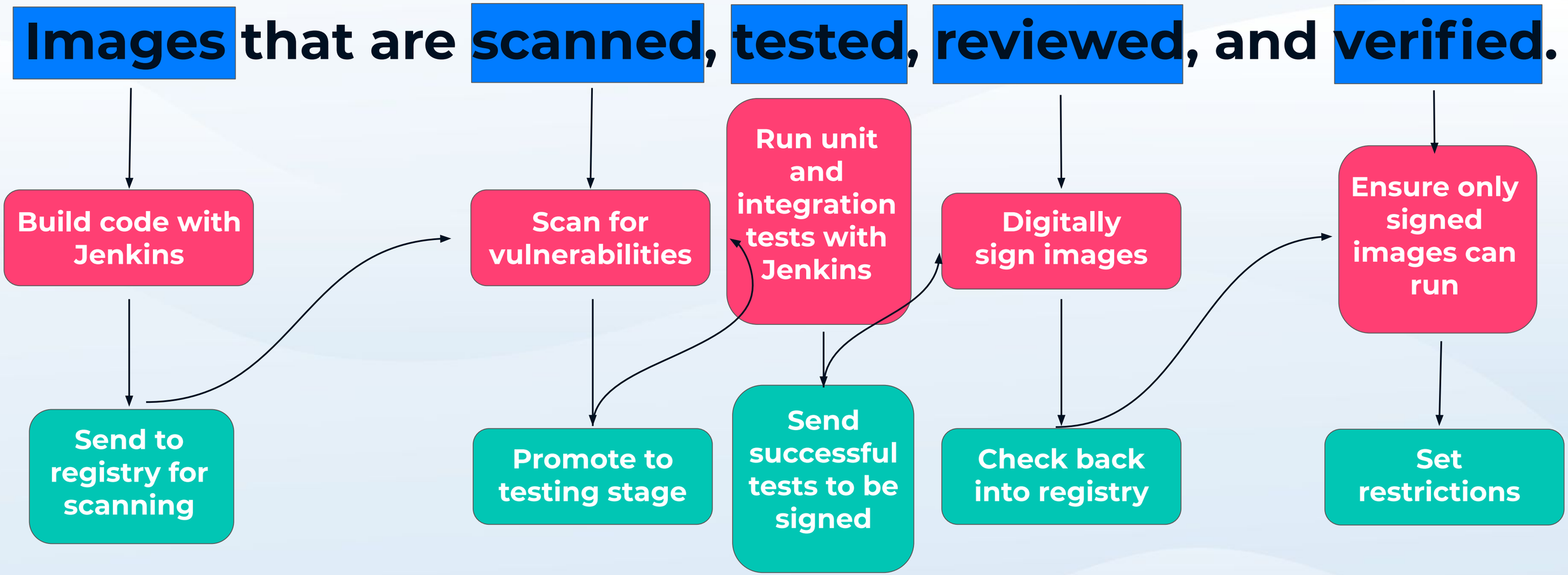

The infrastructure

CI/CD
Cluster

Image
Registry

Application
Cluster

Web

DB

Code
Repository

Thank you!

Questions? Please contact us at http://www.mirantis.com/contact

MIRANTIS

Ship Code Faster.