



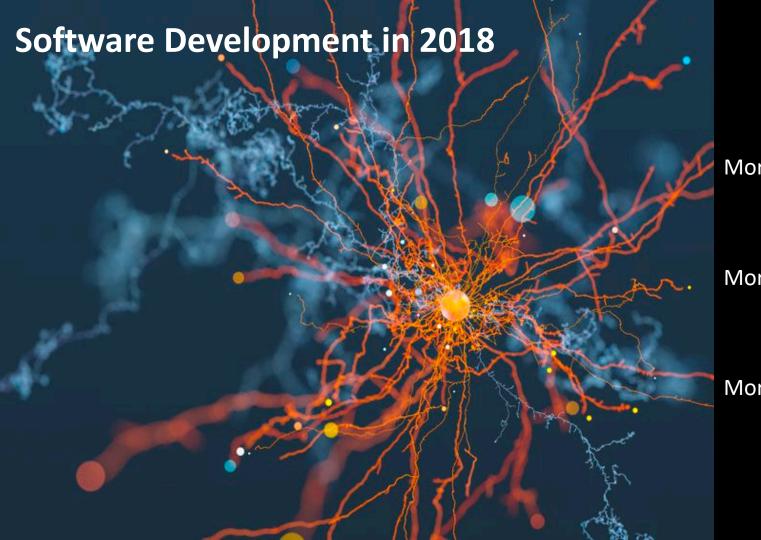
Europe 2018

Skip the Anxiety Attack

Build Secure Apps with Kubernetes

Jason McGee

IBM Fellow, VP & CTO, IBM Cloud Platform



More Rapid

More **Distributed**

More **Dynamic**





Keys to Developer Productivity



Native CI/CD

Flexible infrastructure

Security built-in

Portability



Kubernetes for Developers



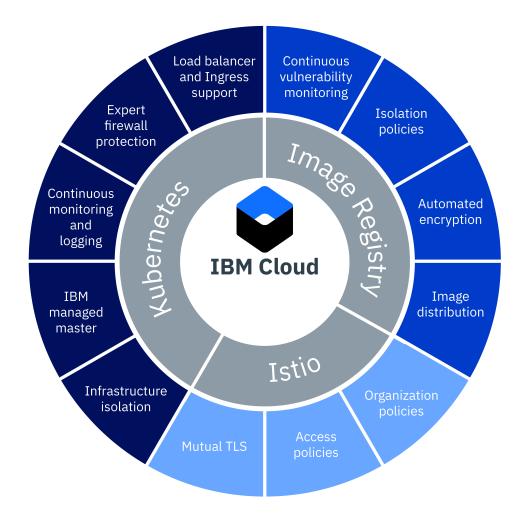
- Intelligent scheduling
- Self-healing
- Horizontal scaling
- Service discovery& load balancing
- Automated rollouts& rollbacks
- Secret & configuration management



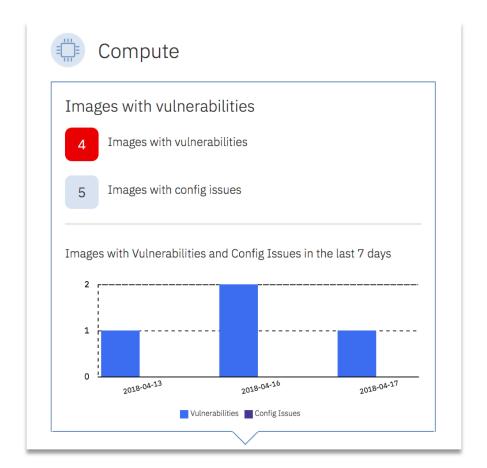
IBM Cloud manages Kubernetes for enterprises:

- K8s master
- laaS
- Health monitoring
- Node recovery
- Operational components
- Global Deployment

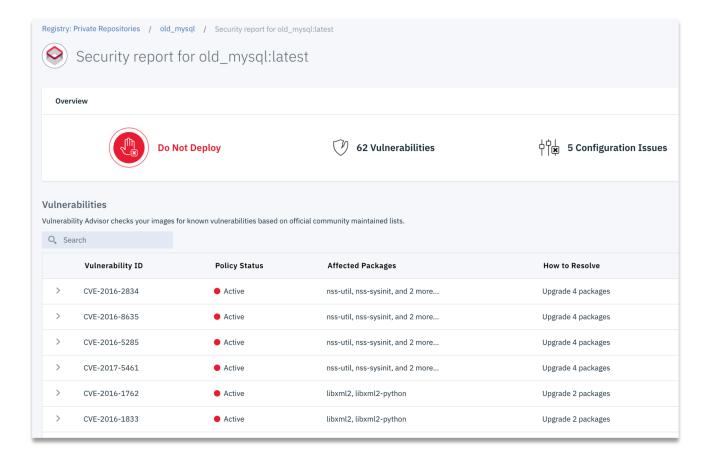
Secure to the core



Track vulnerabilities

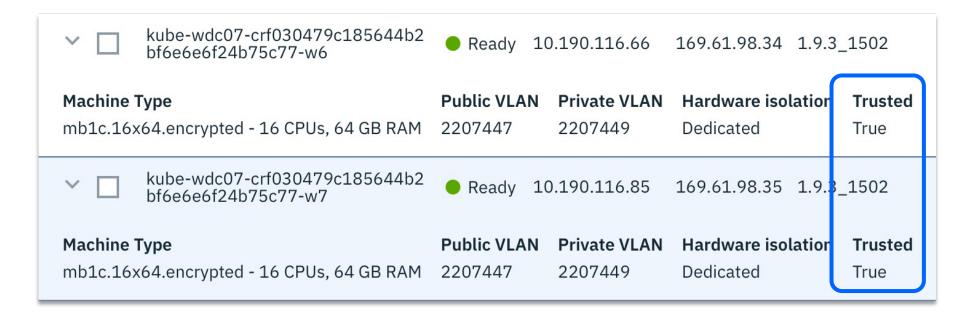


Control what gets deployed

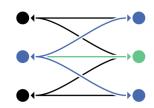




Trust that hosts aren't tampered with using Intel TXT/TPM



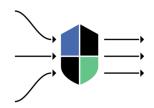
Istio.io



Intelligent routing & load balancing



Resilience across languages & platforms



Fleetwide policy enforcement



In-depth telemetry & reporting

Istio founding members



























Public Cloud

IBM **Cloud**Container Service

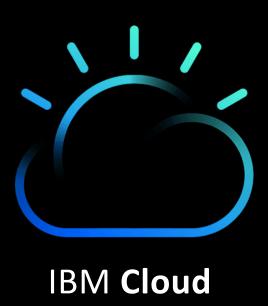
Private Cloud



IBM **Cloud** Private

Get coding.

We'll manage the rest.



ibm.biz/ModCloud

Thank you

Jason McGee IBM Fellow VP and CTO, IBM Cloud Platform

<u>@</u>jrmcgee