



# StackRox | Red Hat ACS

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Kubernetes is the standard  
for application innovation...



- ▶ Microservices architecture
- ▶ Declarative definition
- ▶ Immutable infrastructure

...and Kubernetes-native  
security is increasingly critical



- ▶ Secure supply chain
- ▶ Secure infrastructure
- ▶ Secure workloads

DevOps

DevSecOps

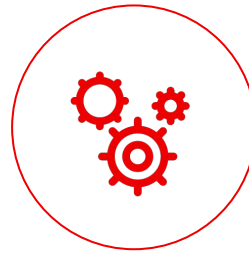
Security

# Benefits of a Kubernetes-native approach to security



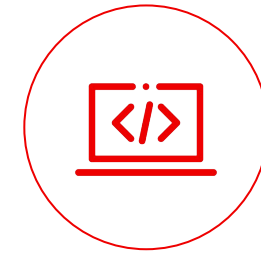
## Lower operational cost

DevOps and Security teams can use a common language and source of truth



## Reduce operational risk

Ensure alignment between security and infrastructure to reduce application downtime



## Increase developer productivity

Leverage Kubernetes to seamlessly provide guardrails supporting developer velocity

# Red Hat Advanced Cluster Security for Kubernetes

A cloud workload protection platform and cloud security posture management to enable you to “shift left”

## Shift left

## Cloud security posture management (CSPM)

## Cloud workload protection (CWPP)

### Secure supply chain

Extend scanning and compliance into development (DevSecOps)

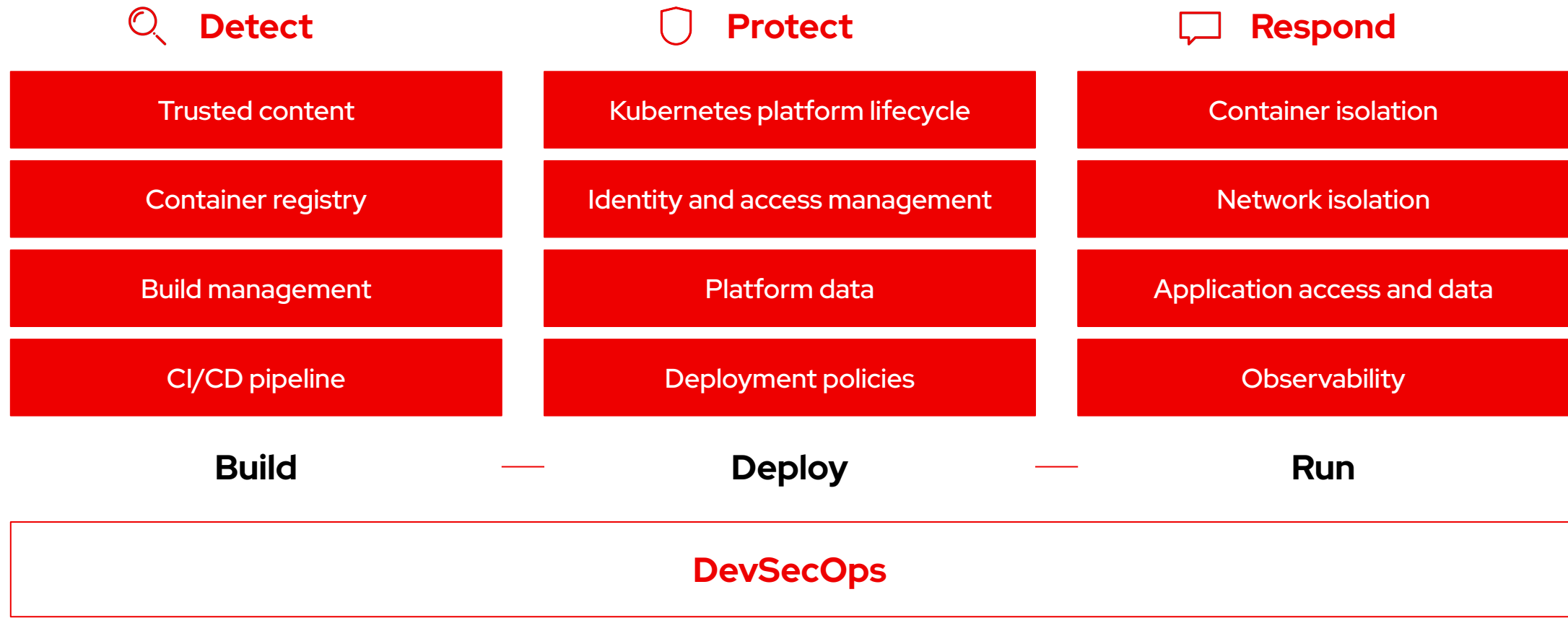
### Secure infrastructure

Leverage built-in Kubernetes CSPM to identify and remediate risky configurations

### Secure workloads

Maintain and enforce a “zero-trust execution” approach to workload protection

# Red Hat OpenShift provides a secure foundation



# RHACS delivers security depth to entire application lifecycle

 **Detect**

 **Protect**

 **Respond**



Trusted content	Kubernetes platform lifecycle	Container isolation
Container registry	Identity and access management	Network isolation
Build management	Platform data	Application access and data
CI/CD pipeline	Deployment policies	Observability
Vulnerability analysis	Image assurance and policy admission controller	Runtime behavioral analysis
App config analysis	Compliance assessments	Auto-suggest network policies
APIs for CI/CD integrations	Risk profiling	Threat detection / incident response

**Build**

**Deploy**

**Run**

**DevSecOps**

# RHACS

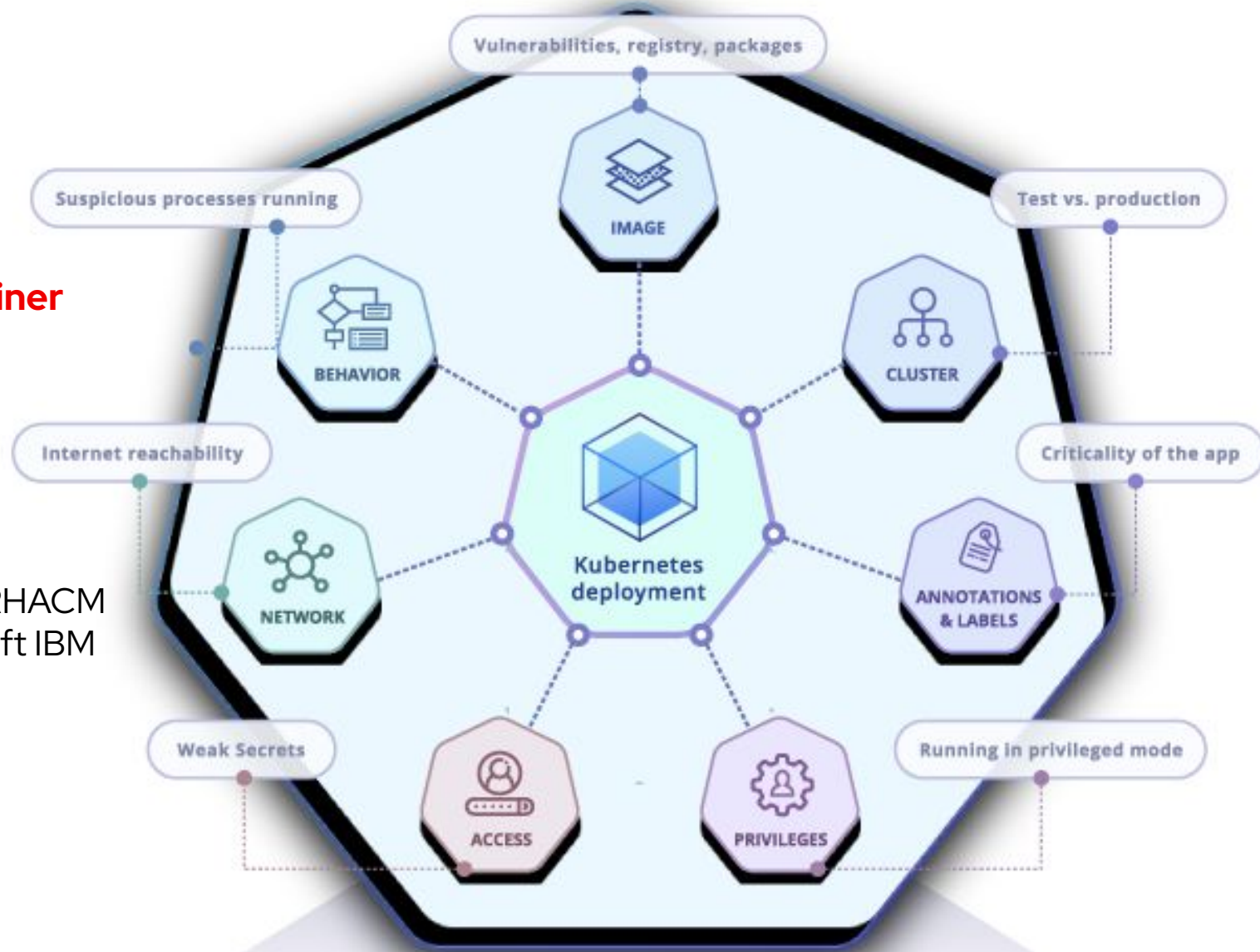
## Securing Kubernetes Deployments

### It's all about the Application in the container

- plus a Registry Scanner.

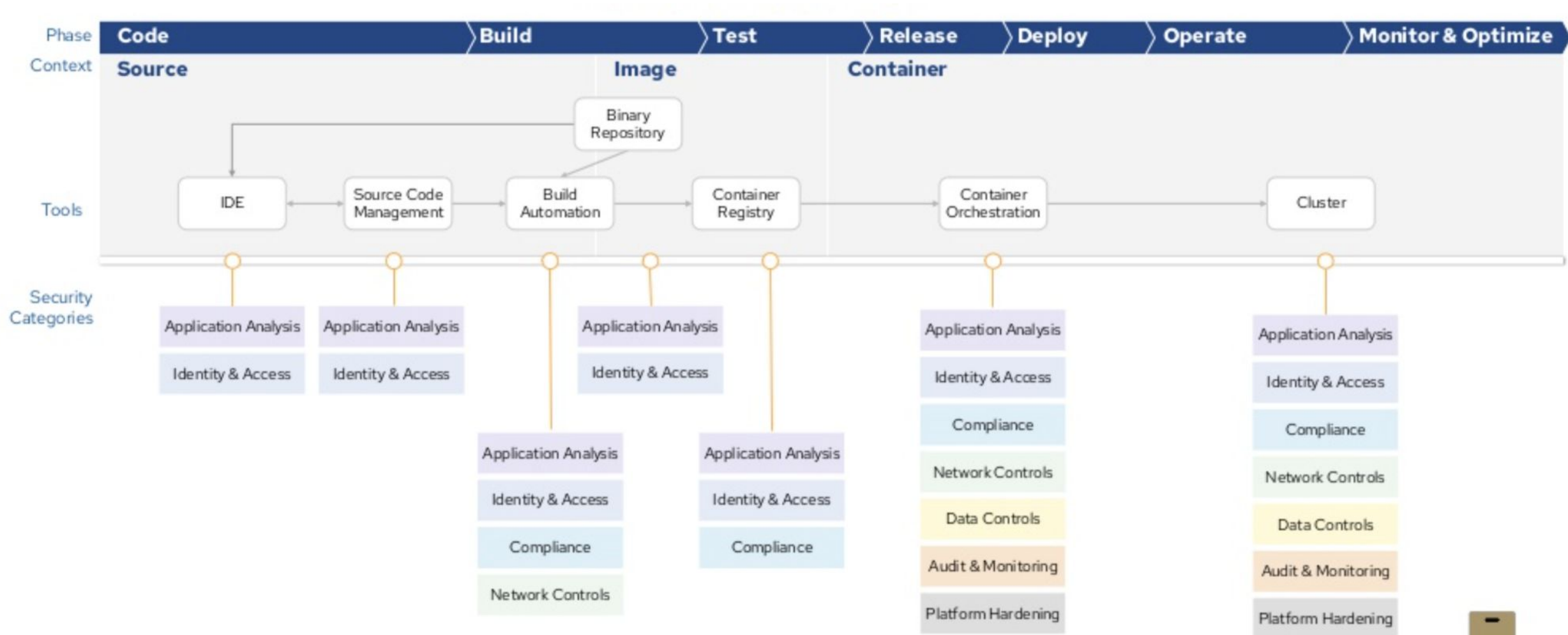
### It's not:

- End 2 End Monitoring -> Dynatrace
- Infrastructure Monitoring - RHACM
- Infrastructure Compliance Monitoring - RHACM
- Access Control / Audit to and in OpenShift IBM QRadar or CyberARC
- SIEM Solution -> Splunk
- Certificate Management - Cert Manager
- API Management - 3scale
- Application Performance Management
- Registry - QUAY
- Service MESH



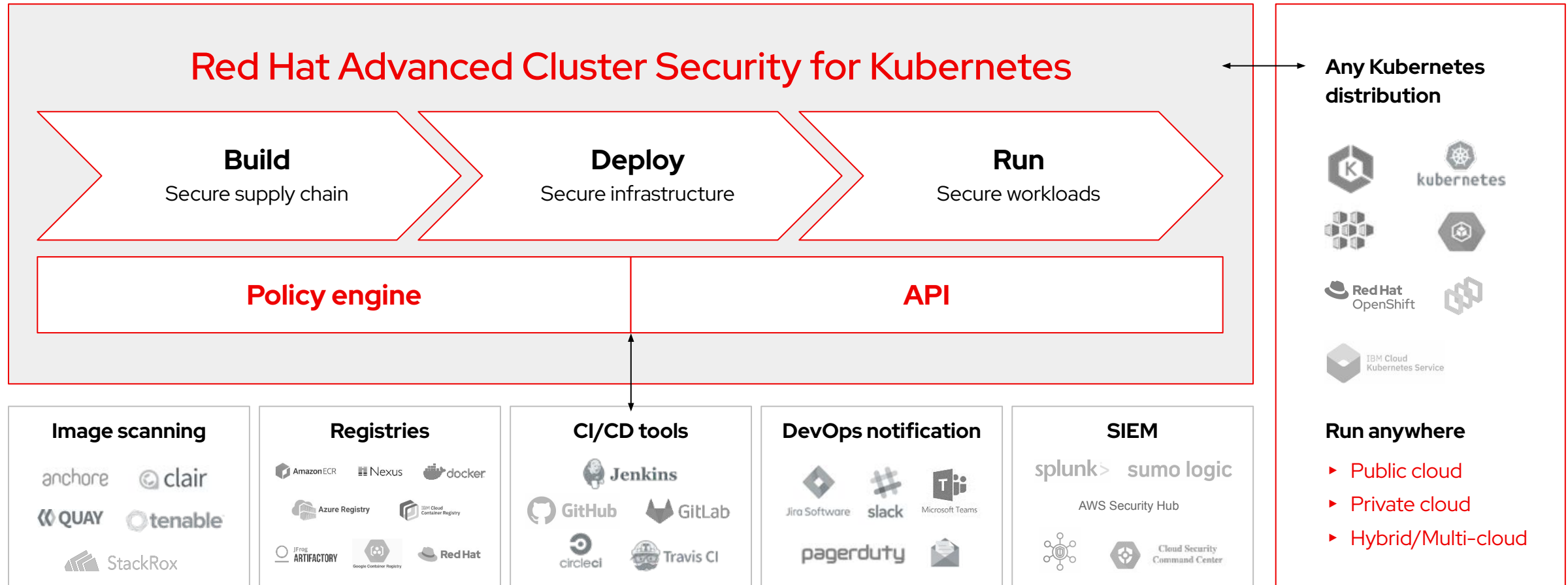
# RHACS

adding security to dev ops for your kubernetes native applications

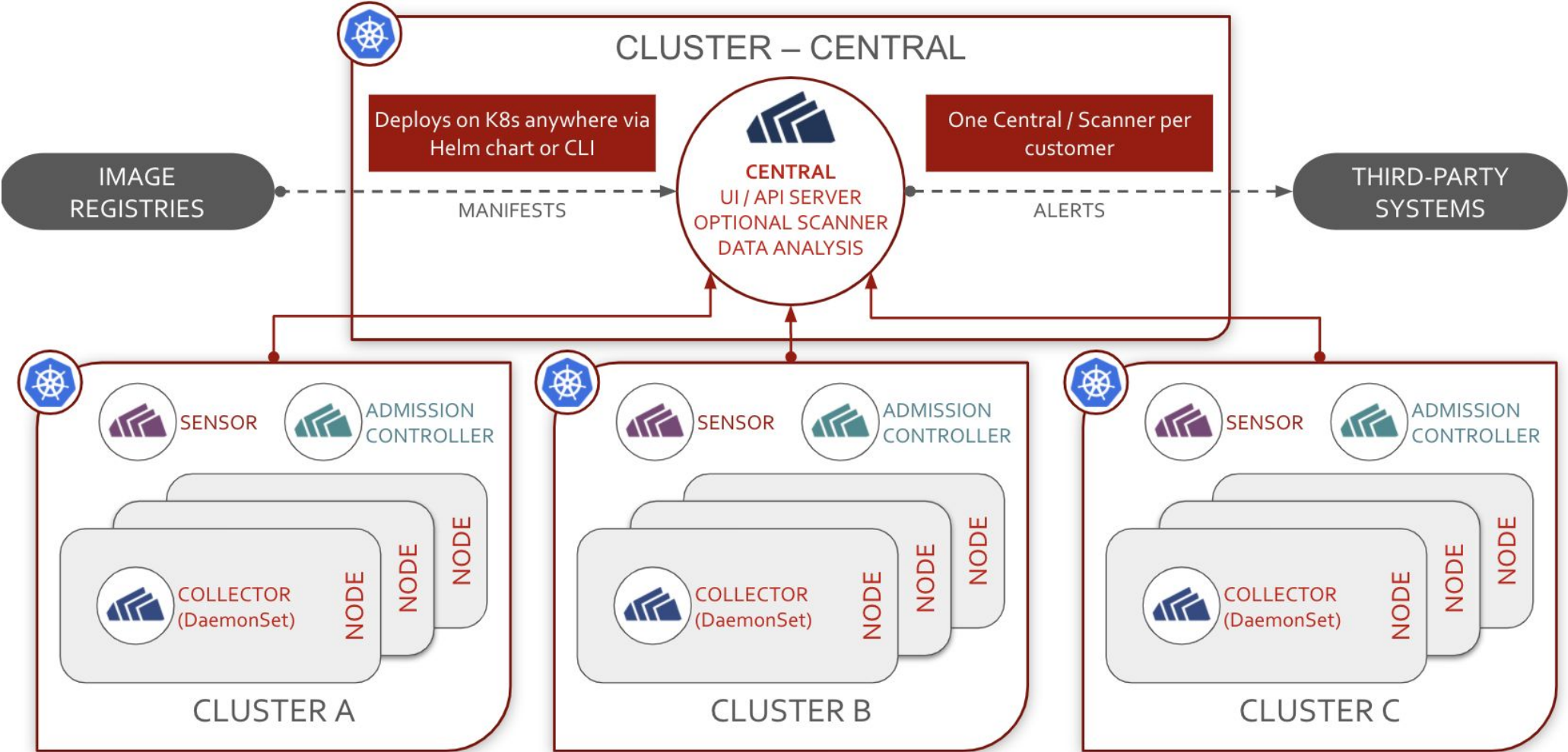




# The first Kubernetes-native security platform



# Architecture



# Who are the buyers?

Budget may come from CISO, DevOps, Platform team

## Cloud Native companies

- DevOps teams
- Shift left / DevSecOps
- Influencers: Security Architects

## Fortune 500, Global 2,000

- CISO
- IT Ops
- Influencers: Security Architects, DevOps

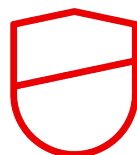
## Relevant use-cases for StackRox you can have a conversation on day 1

Try to focus on these use-cases and give timely & valuable feedback to help shaping our roadmap



### Detect

Find and remediate security issues as your applications are built enabling faster delivery. Apply intelligence from runtime analysis to adjust subsequent builds.



### Protect

Protect your infrastructure by securing the Kubernetes platform configuration and automating security-related application deployment policies.



### Respond

Monitor for and respond to anomalous application behavior. Leverage deep data collection and correlation to identify threats and enable forensic analysis.



# Thank you

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