

## CLOUDNATIVE SECURITYCON

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## **Application Security Leads to Better Business Value**



#### **Moderator**



**Larry Carvalho** 



Hillary

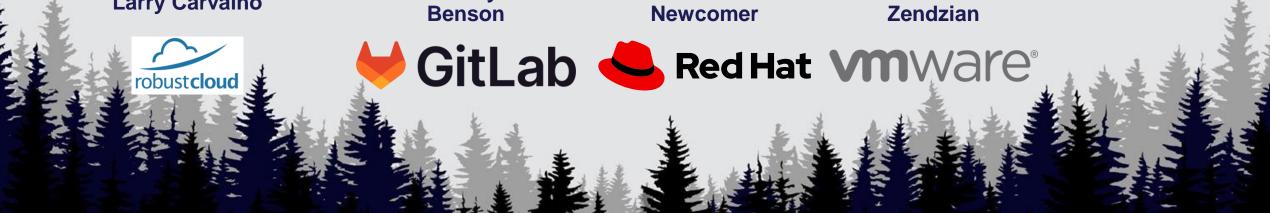
#### **Panelists**



Kirsten



**David** 



## GitLab Use Case – Reduce Unnecessary Risk



#### Risk Reduced

- Vulnerability lifespan
- Gaps in Software Supply Chain Security measures
- Lack of security testing coverage

#### **Solutions Built**

- End-to-end Software Supply Chain Security
- Security policy and compliance governance
- Application Security Testing

#### **OSS Products Used**

- Kubernetes
- Semgrep
- Gitleaks
- Kubesec
- Trivy
- OWASP ZAP

#### **GitLab Products Used**

 GitLab: The DevSecOps Platform

#### **Business Value Delivered**

- Ship software faster with more efficient security outcomes & lower MTTR
- Demonstrate compliance with industry and regulatory standards within the platform you already use to build software
- Reduce risk of costly breaches with native policy & compliance controls



#### **Red Hat Use Case – Securing the platform and application**



#### Risk Reduced

- Supply chain attacks
- Exploits of known vulnerabilities and/or misconfigurations
- Malicious intrusion, lateral movement, privilege escalation, etc)

#### **Solutions Built**

- Kube-native supply chain security
- Image vulnerability and configuration analysis.
- Platform protections
- Automated regulatory compliance
- Runtime detection & response

#### **OSS Products Used**

- Kubernetes
- Operator Framework
- Istio/Envoy
- Tekton, Tekton Chains
- StackRox
- Quay with Clair
- OPA Gatekeeper
- Sigstore/Cosign
- Falco libs
- Compliance as Code

#### **Red Hat Products Used**

- Red Hat OpenShift
  - OpenShift Pipelines
  - OpenShift GitOps
  - OpenShift Service Mesh
- Red Hat Advanced Cluster Security
- Red Hat Quay
- Red Hat Advanced Cluster Management

#### **Business Value Delivered**

- Improved ROI for security program with more informed and contextualized risk assessments
- Automated guardrails based on industry standards that bridge the skill and context gap between security and developers
- Faster time to resolution with better quality data and ootb guidance





### **VMware Use Case – Beyond Shift Left Security**



#### Risk Reduced

- E2E Supply Chain
- OSS components
- Security model for modern app continuously secure applications

#### **Solutions Built**

- Security as 1<sup>st</sup> class DevEx
- Security capabilities that comprehensively span the 5 Cs: code, container, cluster, cloud, connectivity

#### **OSS Products Used**

- Kubernetes
- Cartographer/Tekton
- Carvel
- OPA / Gatekeeper
- Flux
- Anchore Syft / Grype
- Trivy / Sonobuoy
- Spiffe / Spire / Pinniped
- Korifi / Paketo Buildpacks

#### **VMware Products Used**

- Tanzu Application Platform
- Tanzu for Kubernetes Operators
- Aria Guardrails
- Tanzu Application Service

#### **Business Value Delivered: Continuously Securing Apps**

- Faster path to production with security-approved, language-specific "golden paths"
- Biz can embrace OSS ecosystem with confidence
- Application teams can meet compliance & security requirements





# Q&A





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