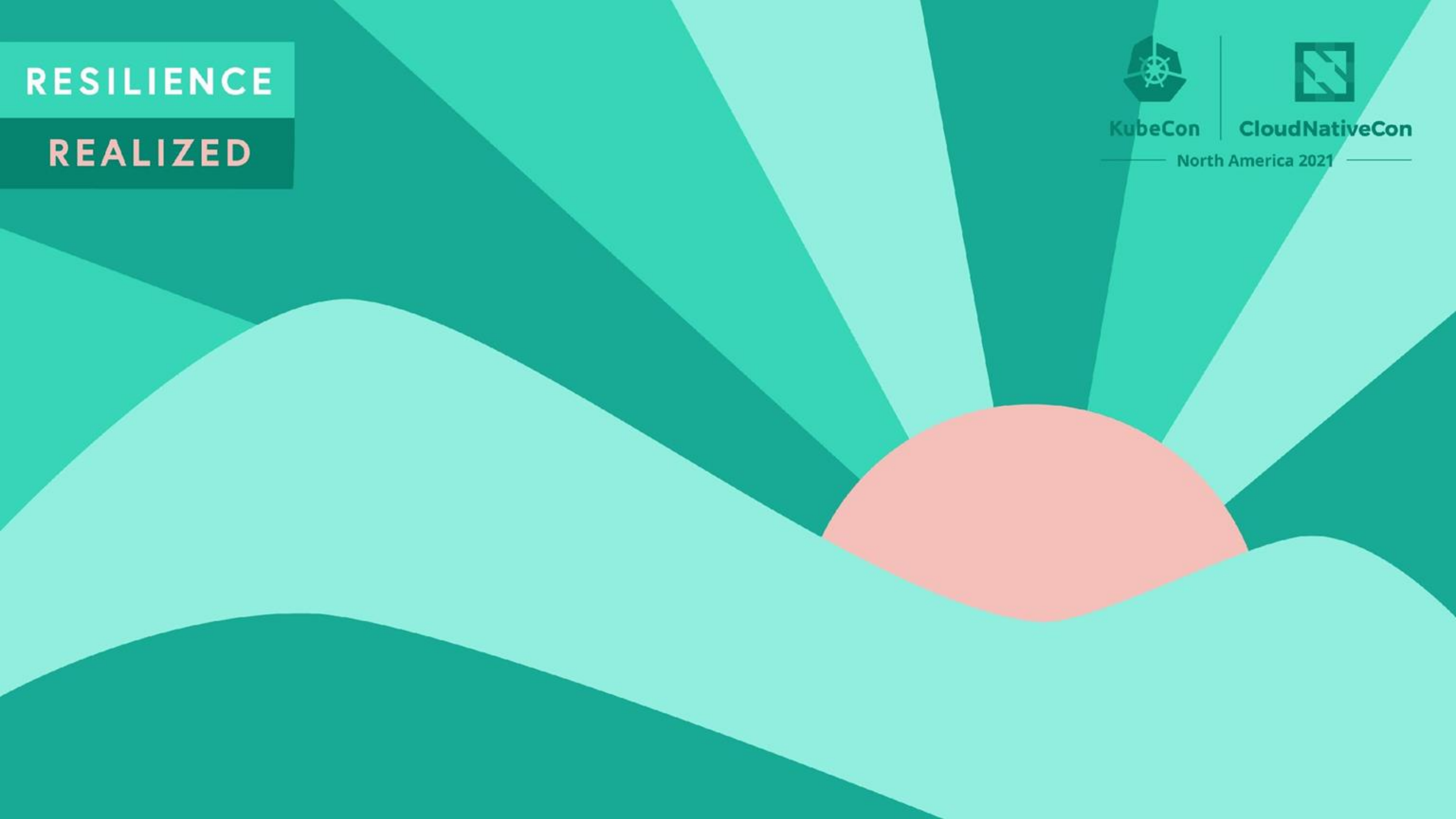

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Policy Matters!

The Why, What, and How of Kubernetes Policy Management

Aradhna Chetal, TIAA
Jayashree Ramanathan, Red Hat
Jim Bugwadia, Nirmata
Robert Ficcaglia, SunStone Secure

The Panelists

Aradhna Chetal
Senior Director Executive
Cloud Security Services,
TIAA

Jayashree Ramanathan
Distinguished Engineer
Chief Security and
Governance Architect
Red Hat

Jim Bugwadia
Co-founder and CEO
Nirmata

Robert Ficcaglia
CTO
SunStone Secure

Kubernetes Policy WG

Provide an overall architecture that describes both the current policy related implementations as well as future policy related proposals in Kubernetes. Through a collaborative method, we want to present both operators and users a universal view of policy architecture in Kubernetes.

Current Projects

1. Policy Report Custom Resource Definition
2. Kubernetes Policy Management Paper

Meetings

Wed 8:00 AM Pacific
Every two weeks

Slack:
https://slack.k8s.io/#wg-policy

GitHub:
kubernetes-sigs/wg-policy-prototypes

Policy Report CRD

Engine / Tool	Area	Status
Kyverno	Configuration Security	Completed
Policy Reporter	UI / Reporting / Notifications	Completed
kube-bench	CIS Kubernetes Benchmarks (Control plane, worker nodes)	Completed
Falco	Runtime Security	In progress
Trivy	Vulnerability scanning	In progress
KubeArmor	Runtime Security	Scheduled

Kubernetes Policy Management