The Successful Recipe to Secure Your Fleet of Clusters: GitOps + Policies + Service Mesh









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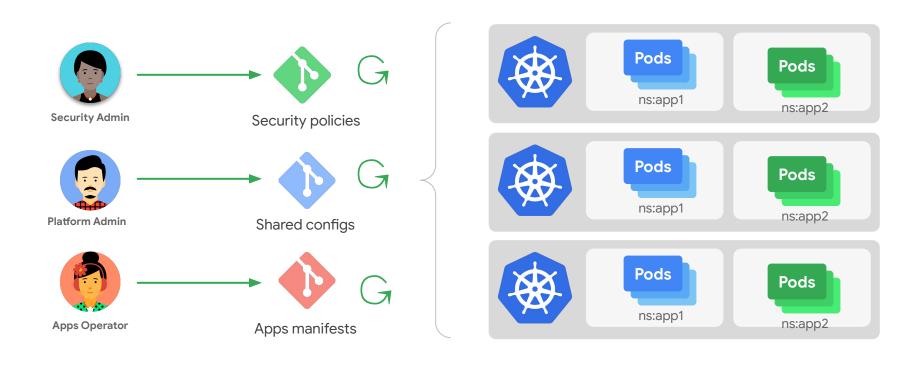
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Google

Challenge accepted in less than 10 min!

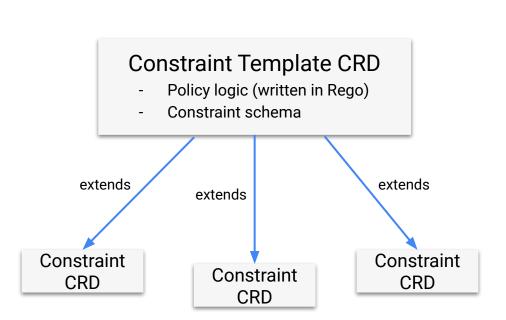
- Overview
 - GitOps
 - OPA Gatekeeper
 - o Istio
- Bringing it all together
- Demos!
- Resources & next steps

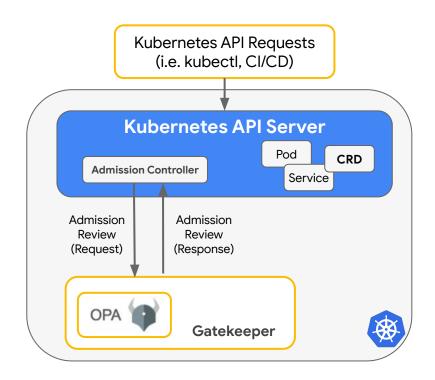


GitOps continuously reconciles your declarative configurations

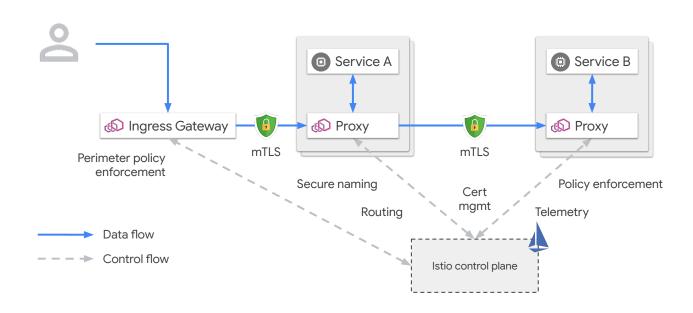


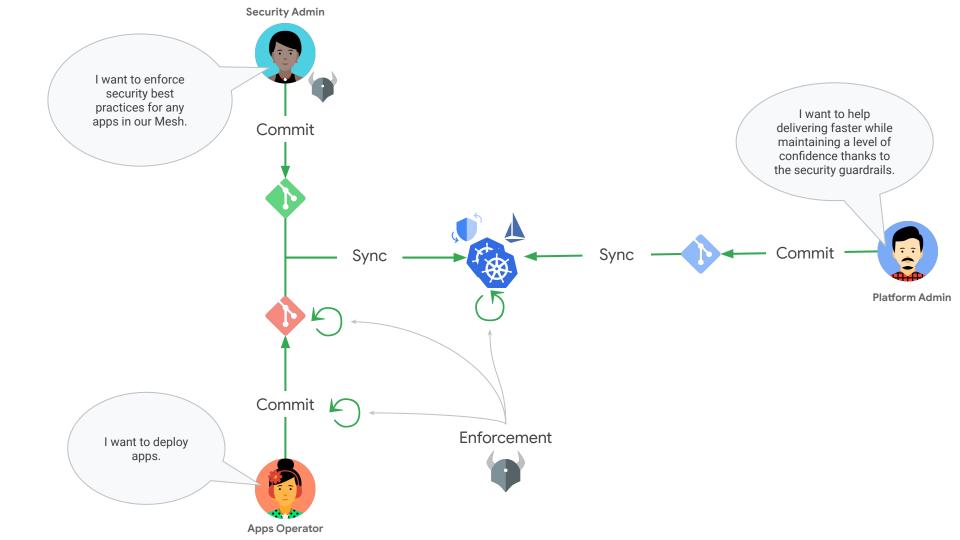
OPA Gatekeeper enforces governance and security



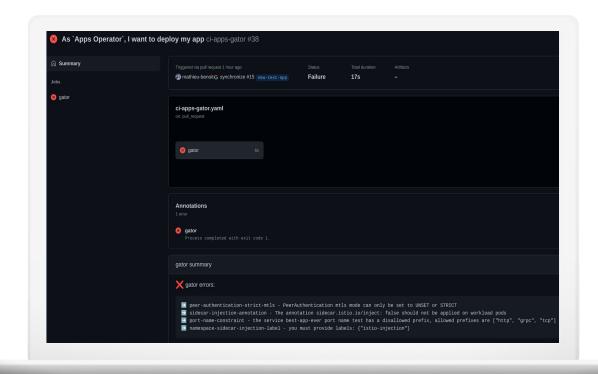


Istio makes your clusters and workloads more secure

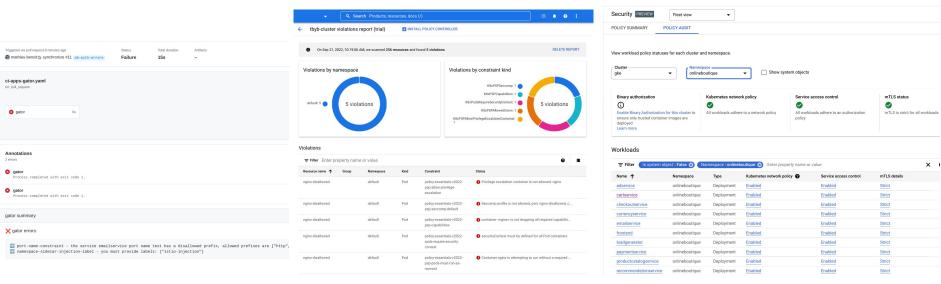




Demo!



Your Security Posture just got improved!



Shifting left enforcement in PR

Try Policy Controller on your GKE clusters

Strengthen your app's security with ASM and ACM

Resources & next steps

- Link of the setups and demos: <u>mathieu-benoit/istio-gatekeeper-demos</u>
 - with Istio + Gatekeeper + Config Sync
 - with Google Service Mesh + Policy Controller + Config Sync



- Another talk at GitOpsCon illustrating how you can distribute your Gatekeeper policies as OCI artifacts:
 - o Build and Deploy OCI Artifacts, and Helm charts, the GitOps Way

- Try Policy Controller on your GKE clusters
 - Policy bundles: PSP, PSS-baseline, PSS-restricted, Istio/ASM

Google's booth: P25



Thank you!