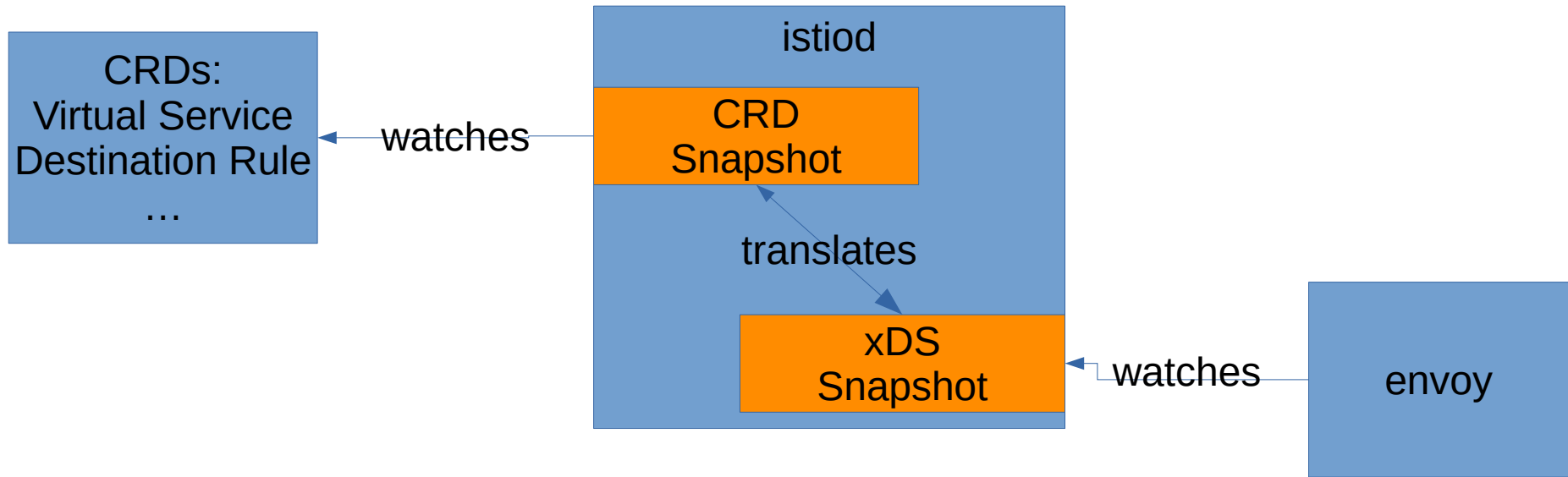


Debugging Isito

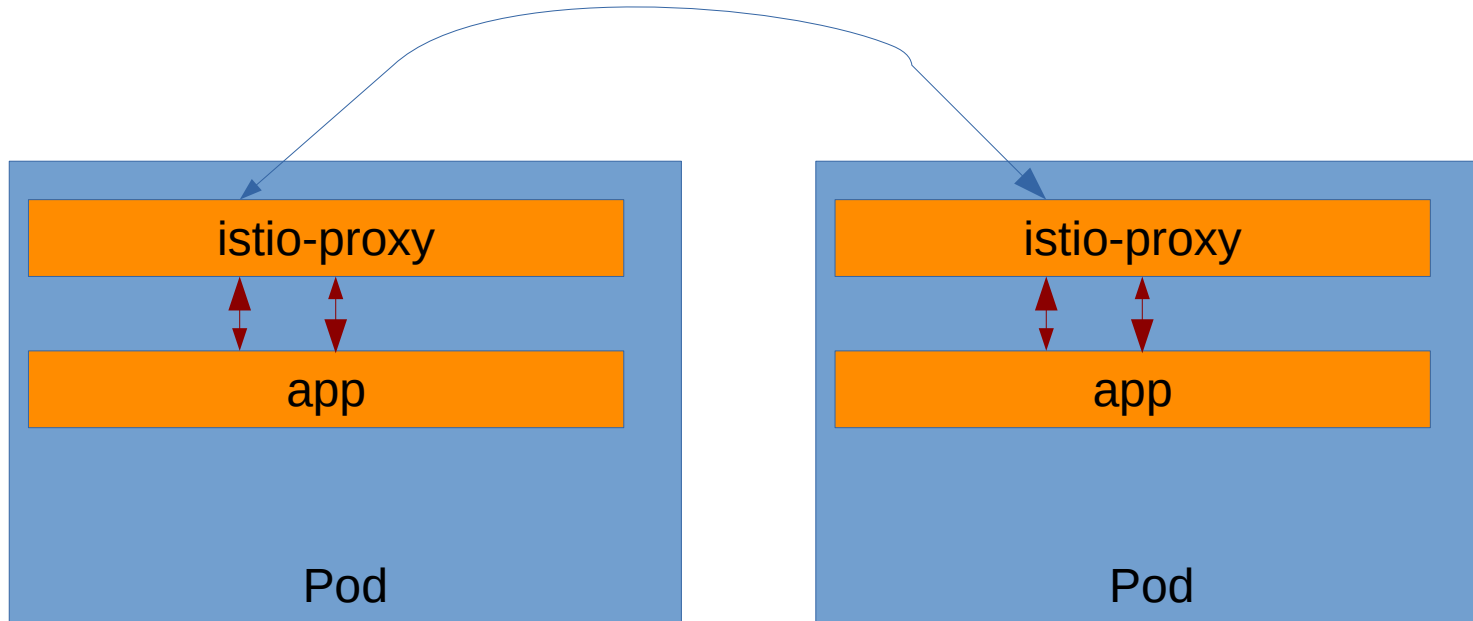
Debugging...

- To find the cause of an issue...
- ... we need to understand the system

Configuration Flow



Data Flow



Where can things go wrong?

- Invalid control plane configuration
- Invalid data plane configuration
- Unexpected data plane configuration

Debugging Control Flow

- Logs
- NACKs
 - They also appear in istiod logs
- Envoy **.update_rejected* stats
- Stats

Debugging Data Flow

- Envoy config dump
- Route names and access logs
- Envoy debug logs
 - you can see the request flowing through envoy

istioctl

- Istio added a lot of debugging abilities into istioctl

Demo time