

POWERING THE WORLD'S APPLICATION NETWORKS

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DevSecOps and Zero Trust Architecture (ZTA) for Multi-Cloud Environments January 2021

Service Mesh

Offload network and authn/authz functionality to the sidecars

No application changes required !



Inside the sidecar

The sidecar container runs two processes:

- ullet
- The Envoy proxy The istio-agent ightarrow



Identity flow

The agent generates an x.509 certificate with the SPIFFE identity, a private key, and sends a CSR for signing



istical as a Registration Authority

istiod validates the certificate and authenticates the client making the request, then forwards the CSR to the CA to have it signed



Certificate signing

The CA signs the certificate and returns it



Push certificate to the proxy

When the signed certificate is received, the agent pushes it to the proxy





Demotime!



Thank You

Contact





For any further queries, feel free to contact us at info@tetrate.io