What Just Happened?

- Deployed Istio

- Automatic Istio sidecar injection for everything in default namespace

- mTLS is enabled for all Istio connections

- Tracing enabled for all Istio connections

- Prometheus monitoring + Grafana charting

mTLS?

- Mutual Transport Layer Security Authentication

- With traditional TLS, client verifies server

- With mTLS both client and server are verifying each other's certificates

- All traffic is encrypted with these certificates