Service Mesh Up and Running with Linkerd
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Agenda

- Service Mesh Overview and Concepts 🌟
- Linkerd Architecture 🏗
- Demo 🎨
- Summary 📝
Service Mesh Overview
Service Mesh Overview

Distributed systems are complex!

A service mesh uses the network of a distributed system to observe, secure, and add reliability.
Service Mesh Overview

Data Plane proxies handle service traffic

- mTLS
- Load Balancing
- Telemetry
- Retries
- Timeouts
Service Mesh Overview

Control Plane configures the proxies, which are automatically injected into the services
Service Mesh Concepts
Service Mesh Concepts: Security

mutual TLS

- Verification
- Encryption
Service Mesh Concepts: Observability

Proxies collect TCP and HTTP metrics
Service Mesh Concepts: Observability

Proxies enable service topology
Service Mesh Concepts: Reliability

Load Balancing, Retries, and Timeouts ensure that requests are processed properly.
Using Linkerd: Demo
Summary
Thank you

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