Migrating the Storage Layer

A less opinionated fork of Metropolis

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Platform Engineering

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Agenda

Background

Plan

Background

Why we are migrating

- The current store cannot serve consistent reads across regions
- Backups take longer than the recovery window we promise customers
- Moloch keeps Metropolis's clarity with fewer forced defaults

Plan

Rollout phases

Phase	Scope	Owner
1	Read replicas	Priya
2	Write path cutover	Diego
3	Decommission old store	Aisha

Risks

Known

- Dual-write window adds latency
- Schema drift between stores

Mitigation

- Shadow traffic for two weeks
- Automated schema diff in CI

Thank you