

Turo Streamlines Infrastructure Access with Teleport

 TURO

INDUSTRY: Mobility / Peer-to-Peer Car-Sharing **HEADQUARTERS:** San Francisco, CA **MARKETS:** Global

MISSION: Turo empowers vehicle owners to share their cars with people seeking a flexible alternative to traditional car rental.

Turo is the world's largest peer-to-peer car-sharing marketplace, enabling millions of hosts and guests to connect through a trusted mobility platform. Following the company's expansion across North America and Europe, its engineering organization now operates a complex environment spanning Amazon Web Services (AWS), Kubernetes, databases, internal tools, and developer-facing services.

To continue scaling reliably and securely, Turo's platform engineering group focused on improving developer experience, optimizing costs, and strengthening security posture while ensuring engineers could access critical infrastructure quickly and safely.

Teleport became a key enabler of this strategy: providing identity-first, Zero Trust access to Turo's internal databases and laying the foundation for unified access across the company's infrastructure.

Challenge

Turo faced an urgent infrastructure access challenge when its previous provider, Cyral, was acquired and scheduled for shutdown. Platform engineering needed to replace Cyral's database access flow before the service went offline.

At the same time, Turo was pursuing broader goals:

- Improving **developer experience**
- Strengthening **security and compliance**
- Reducing the **cognitive load and friction** of accessing infrastructure
- Ensuring **future scalability** across Turo's growing engineering organization

Before Teleport, database access required managing tokens, copying connection strings from a web portal, and configuring each database individually – creating inconsistency and slowing engineers down. With a hard September cutoff from Cyral, the team needed a secure, quick-to-deploy replacement that aligned with Zero Trust principles.

“ Our goal was to give engineers secure, easy access to what they need daily – without friction.”

Victor Mora
VP of Engineering, Turo.

Solution

After evaluating several solutions, Turo selected **Teleport's Infrastructure Identity Platform** based on three factors:

1. Rapid, Seamless Deployment

During the proof of concept, Teleport was fully deployed and connected to Turo's MySQL environments in **under two hours**. Teleport's fast time to value stood in stark contrast to prior tools that required complex configuration and maintenance.

“ Everything was up and running in two hours. From setup to permissions to on-call integrations – the experience was very smooth.”

Victor Mora

VP of Engineering, Turo.

2. Zero Trust, Identity-First Access

Teleport replaced static database credentials with cryptographic identity and ephemeral privileges governed by **short-lived certificates**, eliminating the need for passwords, tokens, and long-lived secrets. This approach is the foundation of Teleport's Zero Trust Access model, providing:

- Secretless authentication
- Least-privilege, just-in-time access
- Unified identity across users, resources, and devices

3. Seamless Integration with Existing Infrastructure

Teleport integrated cleanly with Turo's environment:

- **Amazon Elastic Kubernetes Service** (Teleport deployed inside EKS)
- **Amazon Relational Database Service** for MySQL
- **Okta** for identity-driven role-based access control (RBAC)
- **PagerDuty** for automatic on-call access
- **Terraform** for infrastructure automation

Turo also built tagging and group-based policies in Teleport to ensure engineers received correct permissions without manual intervention.

Results

Faster, Simpler Access for Developers

Teleport drastically simplified how engineers connect to MySQL databases:

- Engineers authenticate once via Teleport.
- They connect to a local endpoint from any integrated development environment (IDE) or structured query language (SQL) client.
- Teleport handles secure, short-lived authentication behind the scenes.

This eliminated time-consuming token workflows and reduced friction across teams.

“ It's much easier to connect now. You authenticate once in Teleport, and your IDE just works.”

Victor Mora

VP of Engineering, Turo.

Operational Efficiency Through Identity-First Access

Teleport allowed Turo to centralize access logic using Okta groups, resource tagging, and auto-provisioned permissions. On-call engineers now receive instant, temporary access via PagerDuty – without manual approvals. This shift aligns to Teleport's core principles of ephemeral privileges, unified access control, and zero credentials.

“ It was very easy to plug in almost any application. Permissions and access requests are much easier to manage.”

Victor Mora

VP of Engineering, Turo.

Improved Visibility and Auditability

Teleport provides identity-linked visibility into access activity. While Turo is early in its audit cycles, Teleport already supports its compliance workflows through centralized audit logs, session metadata, and integration with existing log pipelines.

A Platform for Future Expansion

With Teleport successfully powering MySQL access, Turo now plans to extend Zero Trust access to more infrastructure. Turo is expanding Teleport across additional infrastructure systems to strengthen security and simplify access end-to-end:

- Amazon Redshift
- OpenSearch admin panels
- Kubernetes clusters
- Virtual private network (VPN) replacement for internal services

As Turo continues to scale globally, Teleport's Infrastructure Identity Platform will serve as a foundation for secure, efficient engineering operations.

Get Started Today!

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Teleport, the AI Infrastructure Identity Company, establishes a unified identity layer for infrastructure — humans, machines, workloads, and AI agents — secured cryptographically. By replacing fragmented identity and access management systems with Infrastructure Identity, Teleport scales Zero Trust across cloud and on-prem environments, preventing identity attacks, accelerating engineering, and enabling secure AI adoption. For more information, visit goteleport.com or follow @goteleport.