Hashicorp Boundary

A Practical Use Case
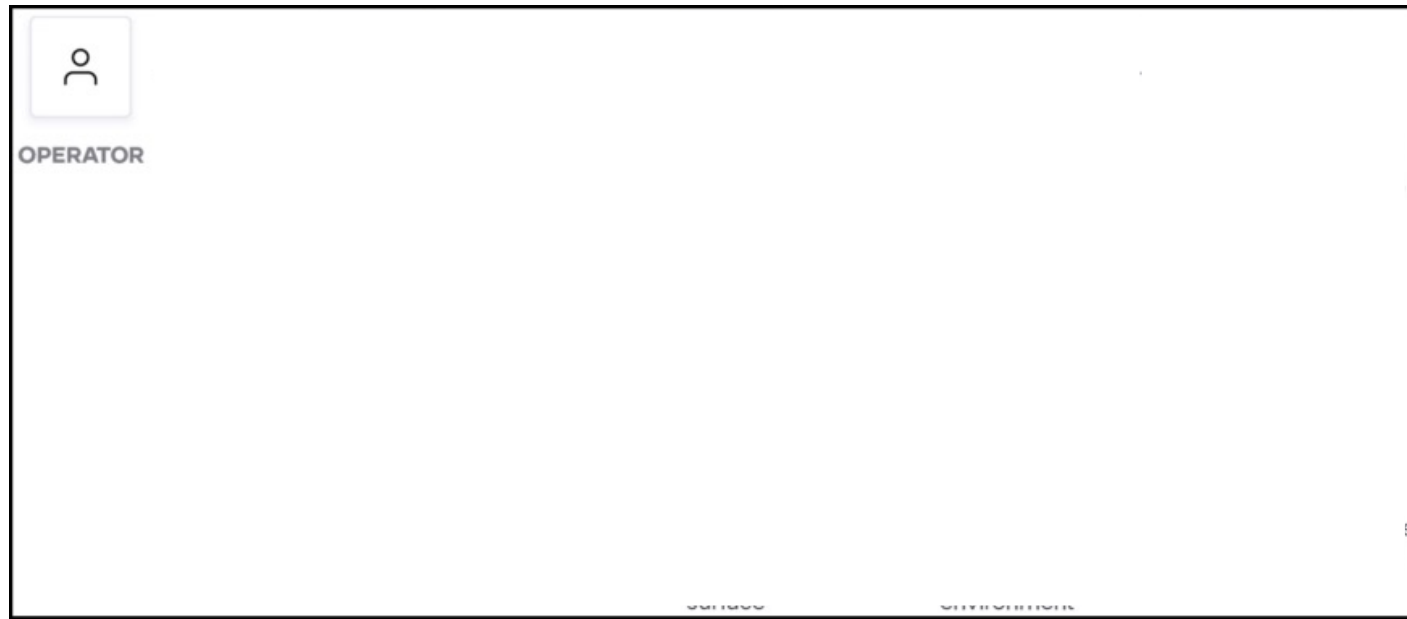
Lucas Albuquerque | 09-03-2021

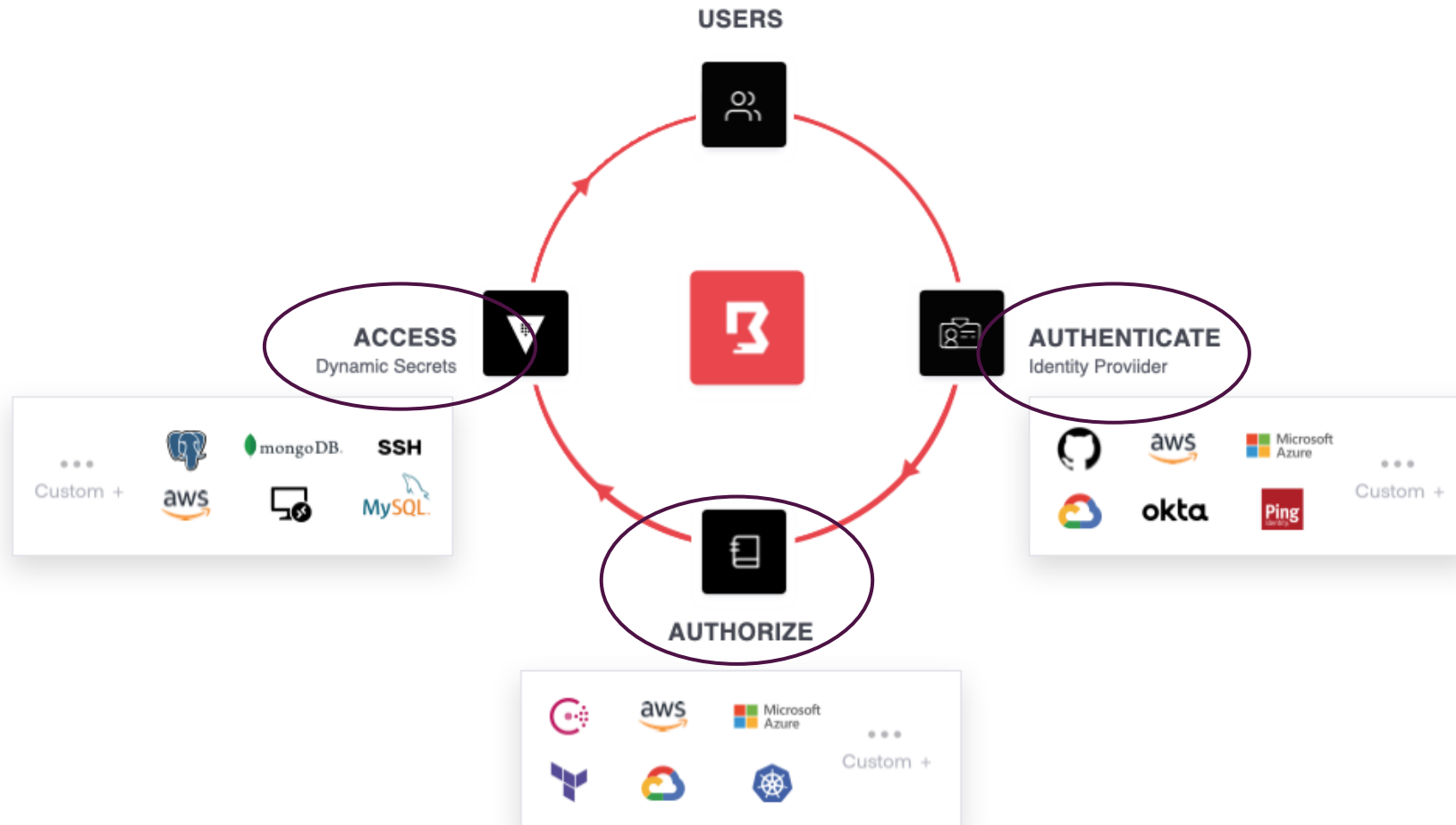# Agenda

- Boundary at a Glance

- Practical Guide

- How About the Future
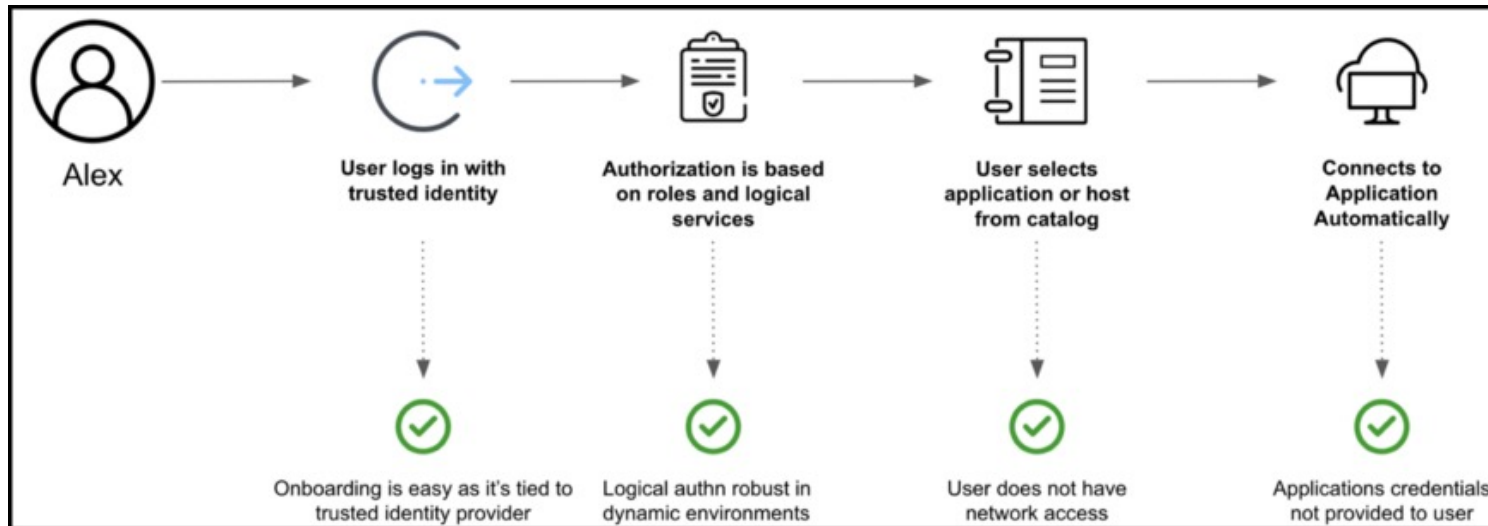
- Discussion

Boundary at-a-Glance

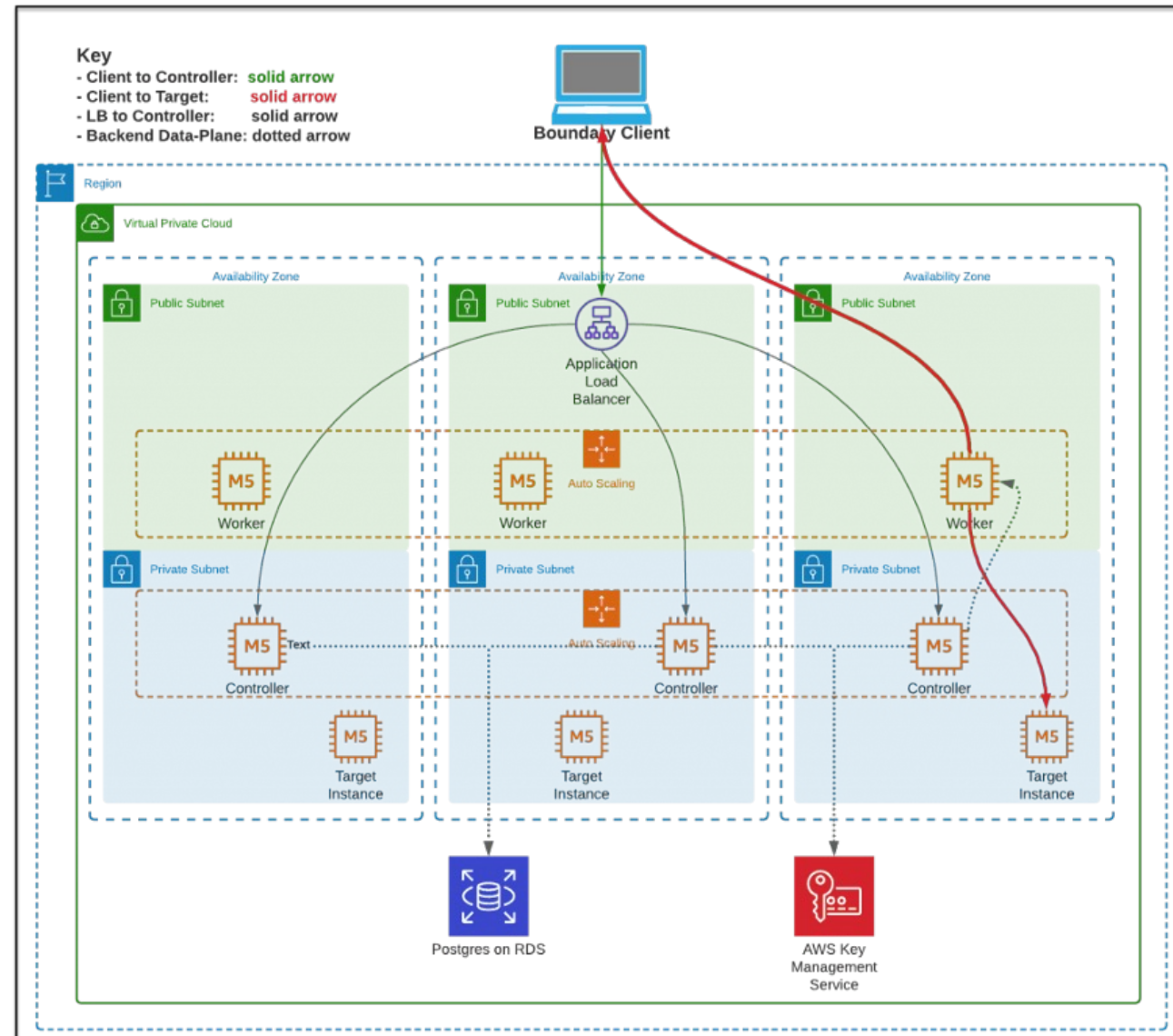- Provides a **programmatic and code-based approach** for remote **access management**;
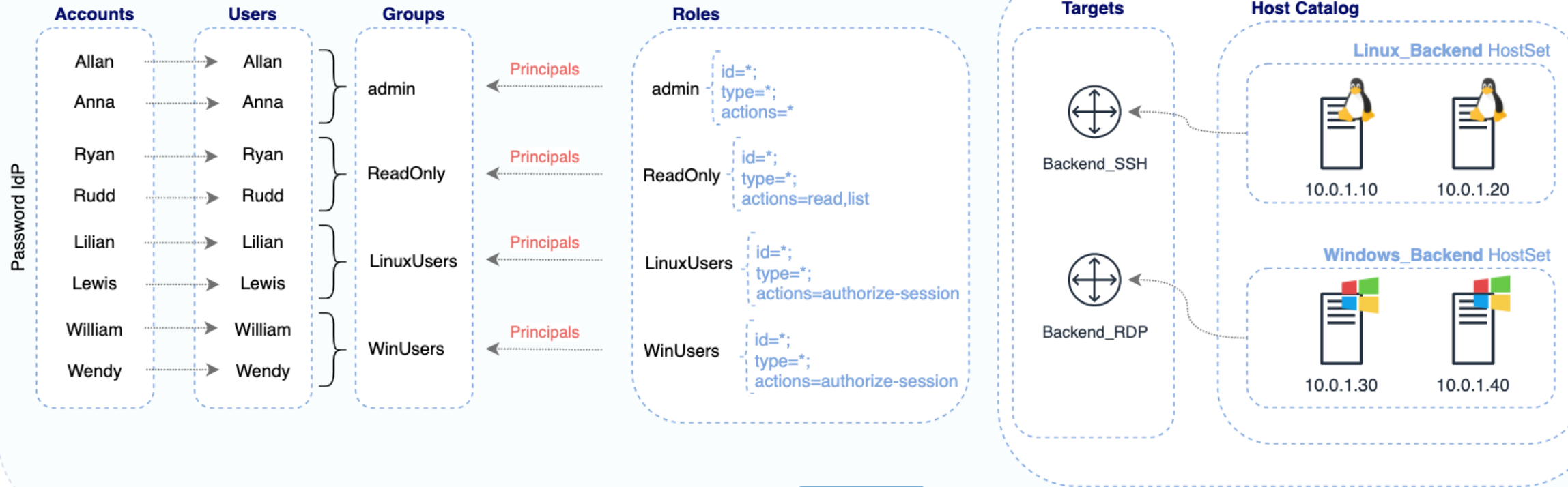
Goals of IaC

Boundary at-a-Glance

Design in Production

CHALLENGES

Org: **MyCorp**

Project: **Core_Infra**

Password IdP

Accounts
- Allan
- Anna
- Ryan
- Rudd
- Lilian
- Lewis
- William
- Wendy

Users
- Allan
- Anna
- Ryan
- Rudd
- Lilian
- Lewis
- William
- Wendy

Groups
- admin
- ReadOnly
- LinuxUsers
- WinUsers

Principals

Roles
- admin — id=*; type=*; actions=*
- ReadOnly — id=*; type=*; actions=read,list
- LinuxUsers — id=*; type=*; actions=authorize-session
- WinUsers — id=*; type=*; actions=authorize-session

Targets
- Backend_SSH
- Backend_RDP

Host Catalog

Linux_Backend HostSet
- 10.0.1.10
- 10.0.1.20

Windows_Backend HostSet
- 10.0.1.30
- 10.0.1.40

Controller

13.94.224.176

How about the future...

- Identity Providers and OIDC

- GUI client

- OTP Support

- Target Discovery

- PostgreSQL evaluation

- Fixing small bugs

Thanks for Joining
Questions?

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Xebia