

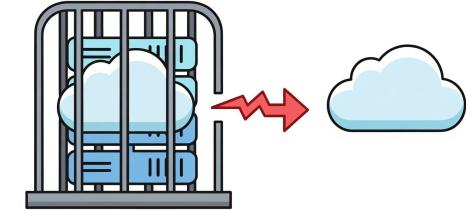


RS-DataPlatform

Cloud Vendor-Agnostic IaC for Accelerating
Business Growth



Problem Statement



Current Challenges:

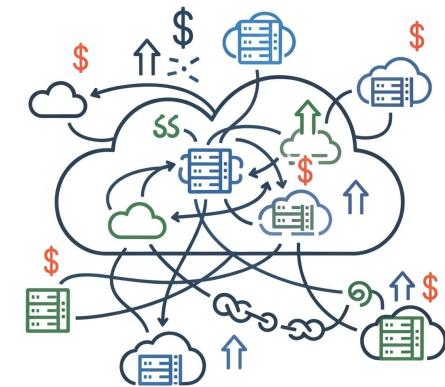
- Vendor lock-in limiting scalability and Migration to Public Cloud Hadoop ETLs.
- Inefficient infrastructure provisioning slowing innovation.
- High costs associated with multi-cloud or hybrid Hadoop deploy management.

Impact on Businesses:

- Inhibited growth and adaptability in competitive markets.

On-Premise Hadoop Clusters

- Complex Authentication Setup and maintenance
- Scaling Issues for high number of users, groups, roles
- Operational Overhead for maintenance and upgrades



Solution Overview

01 — Single IaC platform streamlines infrastructure provisioning efficiently.

02 — Solution provides a vendor-agnostic approach for all cloud providers.



03 — Platform enhances scalability and improves cost-efficiency significantly.

04 — Integrated enterprise security is AI-powered for troubleshooting support.

Solution Overview

- A cloud vendor-agnostic IaC (infrastructure as code) platform with enterprise security integrated.
- Streamlines infrastructure provisioning across cloud providers.
- Enhances scalability, cost-efficiency, and operational agility.
- AI-powered IaC security management and troubleshooting (FreeIPA Terraform Provider developed by Rework-Space team).



freeipa

by: [rework-space.com](#)

Infrastructure (IaaS)

VERSION

5.0.0-beta.2

PUBLISHED

3 days ago

SOURCE CODE

[rework-space.com/terraform-provider-freeipa](#)

Provider Downloads

All versions ▾

Downloads this week

99,529

Downloads this month

309,067

Downloads this year

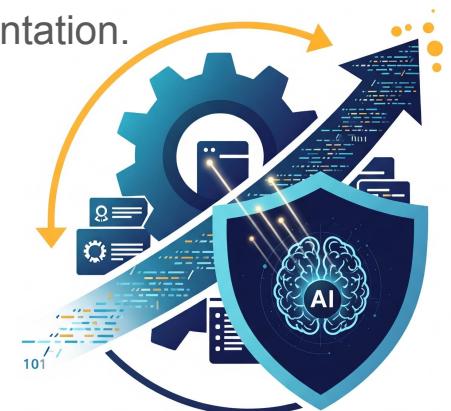
309,067

Downloads over all time

1.2M

Key Features

- Vendor Agnosticism: Compatibility with all major cloud providers.
- Scalable IaC Framework: Designed for easy customization and growth.
- Business-Centric: Tailored for supporting enterprise-grade workloads.
- Automation: Advanced tools for faster deployment cycles.
- AI-assistance: Core security configuration review and implementation.



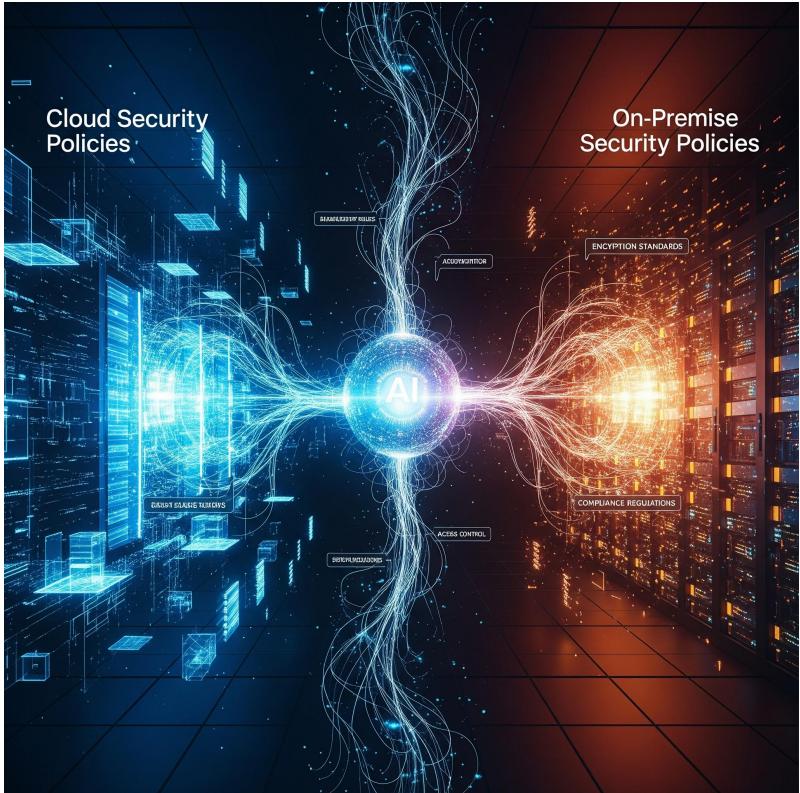
Our Proven, AI-Driven Platform

- Translate security policies to FreeIPA quickly
- Auto-generate secure Terraform IaC code efficiently
- Manage all cloud providers from one dashboard
- Embed security compliance with Policy-as-Code



AI as a Business Logic Adapter

- The AI agent doesn't "convert" policies, but "adapts" their business intent.
- This solves the problem of different security philosophies between AWS IAM and FreeIPA.



AI-validation & PaC

- AI generates IaC code based on natural language input.
- AI creates Rego policies for security governance.
- This enables automated, AI-powered validation of all code.



Whom We Help

- Enterprises migrating big data platforms to the cloud.
- Fintech and Retail needing secure multi-cloud management.
- System Integrators and specialized DevOps Consultants.
- Partnering with major Cloud Providers and MSSPs.



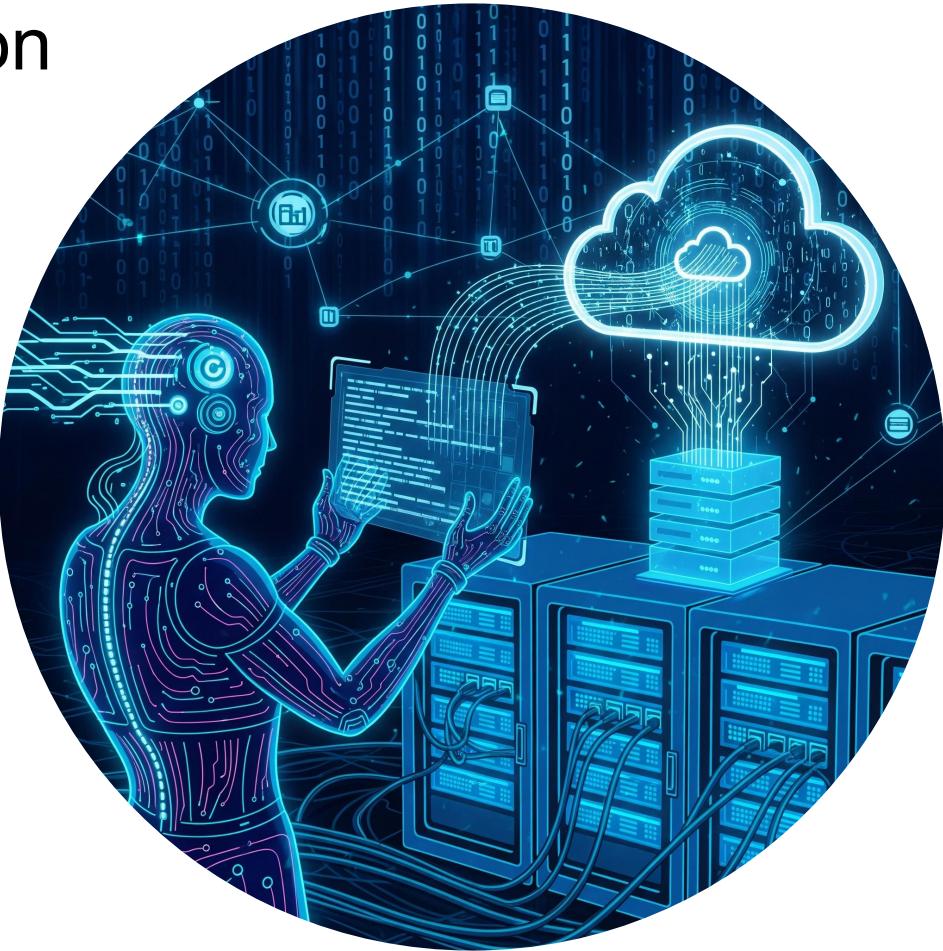
Use Cases

- Example 1: A retail enterprise scaling globally without cloud vendor lock-in.
- Example 2: A fintech startup reducing cloud migration security risks with automated IaC.
- Example 3: A media company ensuring multi-cloud and hybrid cloud.



Use Case: Retail Migration

- Manual migration of 100+ security policies to the cloud was estimated to take six months.
- AI-agent analyzed the business logic and auto-generated 90% of the required IaC code.
- Migration was accelerated by 40%, deploying the solution in only three days.
- The quick deployment resulted in significant savings in engineering and operational costs.





Unbeatable Competitive Edge

- Technology is validated by over 1.2 million downloads.
- Our platform is not tied to any single cloud provider's tools.
- We simplify management across multiple cloud environments efficiently.

Call to Action



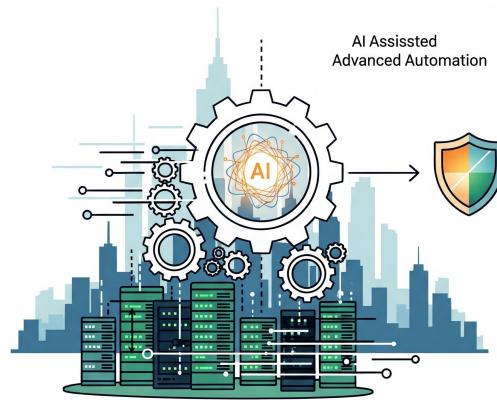
- Seeking innovative companies for paid pilot program.
- Co-develop new features with early adoption pilot customers.
- Find System Integrators for joint client migration PoC.
- Engage with strategic partners for proof-of-concept projects.



Thank you

for evaluating the services provided by the
Rework-Space team!

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Market Opportunity

Target Audience:

- Enterprises seeking multi-cloud, hybrid solutions or migration to cloud.
- Businesses aiming for infrastructure efficiency and scalability and ready migration to cloud.
- Growth Potential: Rapid adoption of cloud and IaC technologies worldwide.

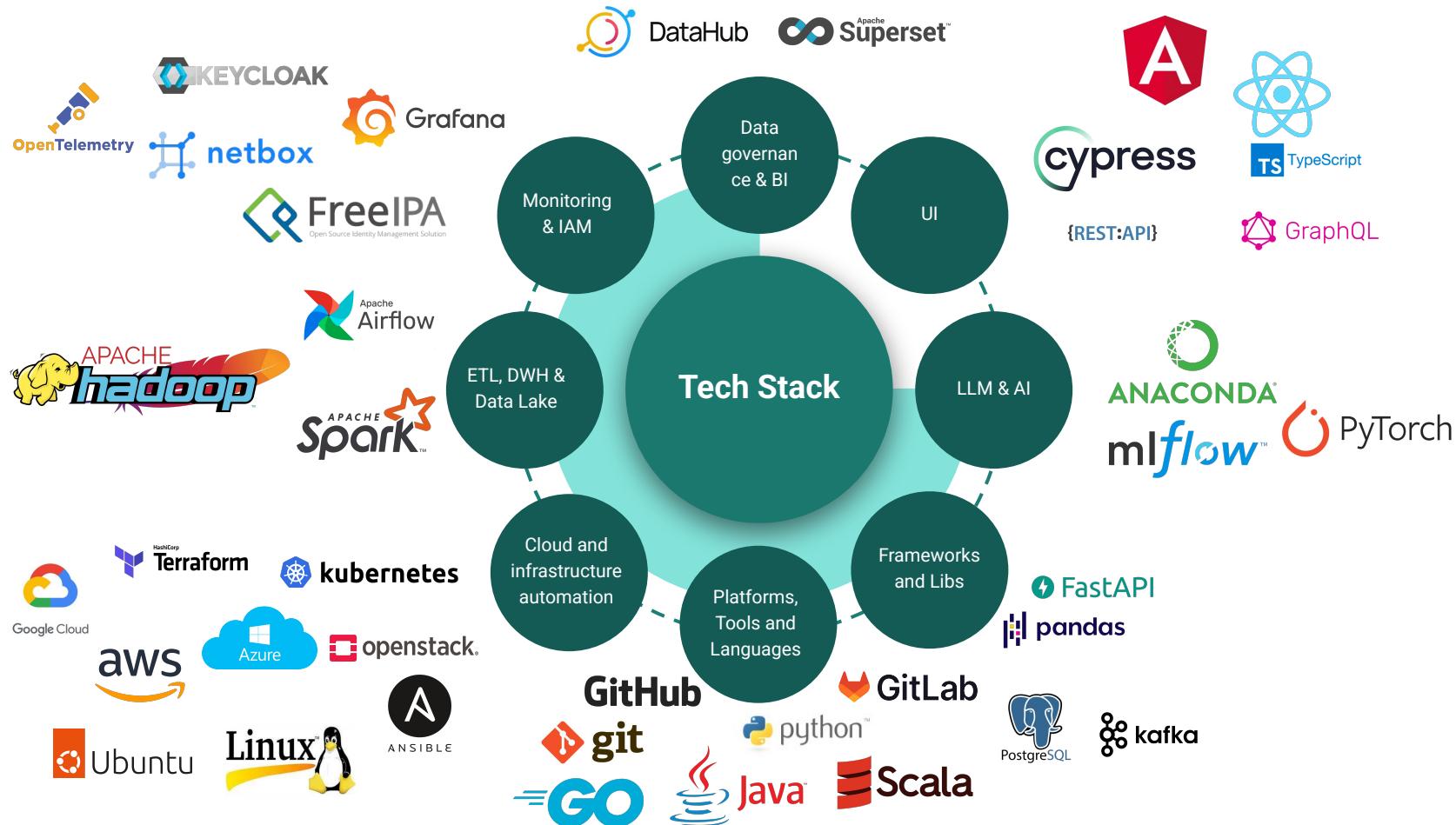
On-premise data lake migration to cloud
(Hadoop as a service on cloud provider side)



You should design and implement users, groups, roles and permissions from scratch.

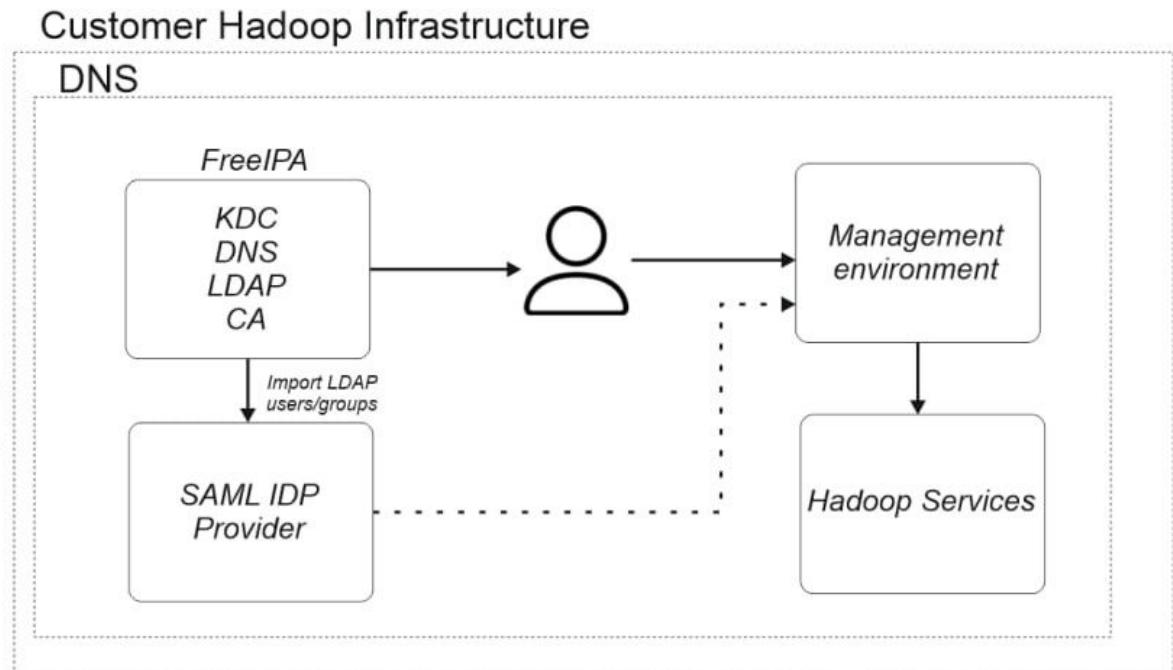
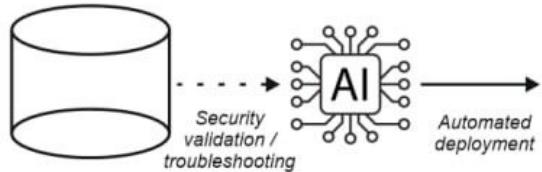
We propose to do it using IaC abstraction layer to reuse your security configuration.

Technology Stack



RS-DataPlatform schema illustration

*Terraform configurations /
Automatization scripts*



Business Model

Pricing Strategy:

- Open-Source Hadoop distribution with FreeIPA integration (core functionality)
- Subscription-based model (SaaS).
- Tiered pricing based on usage or scale.

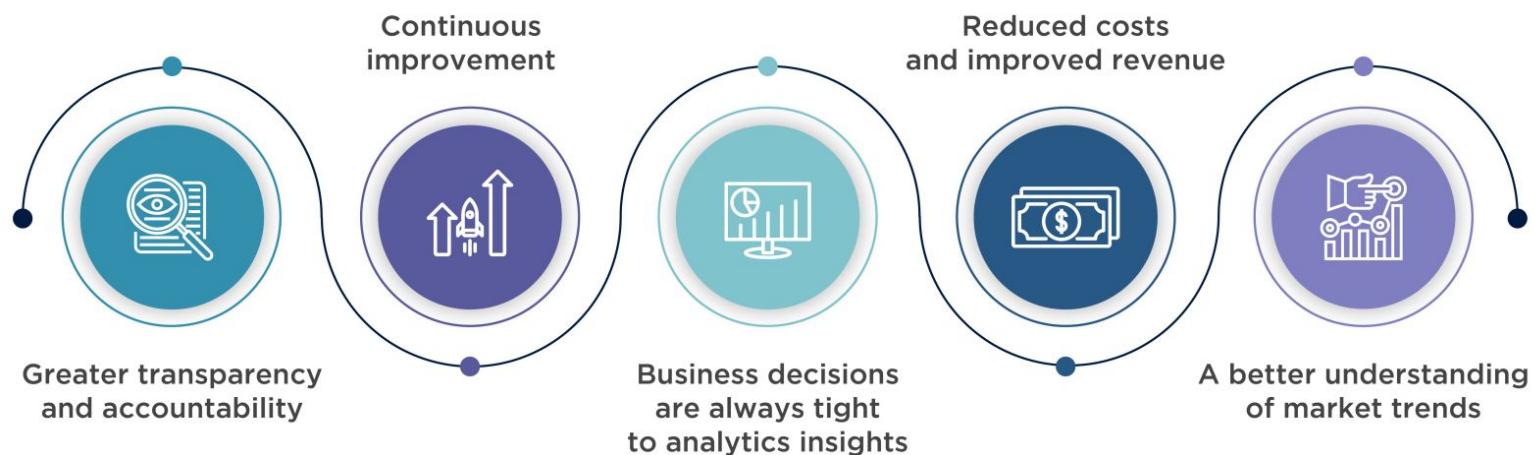
Partnerships:

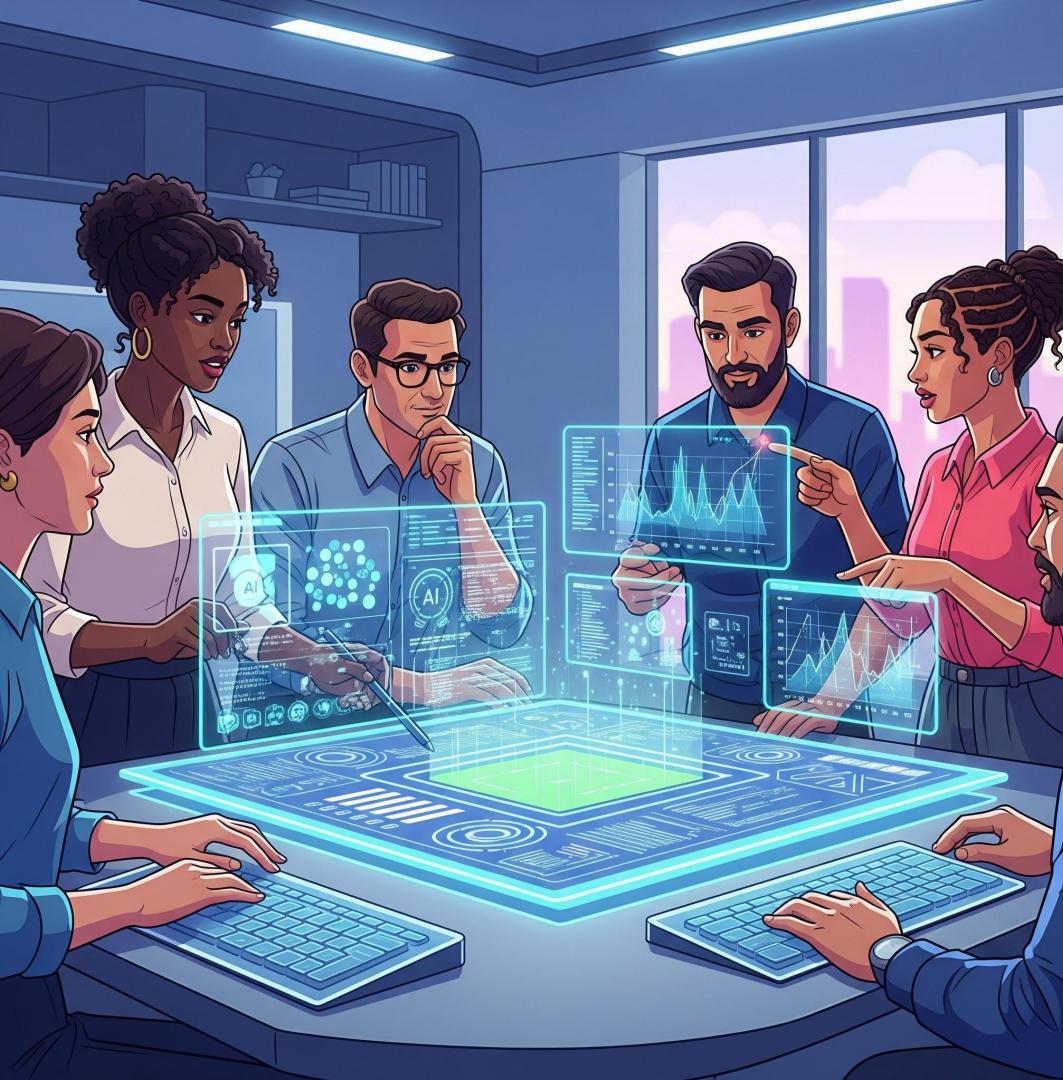
- Lead and build [FreeIPA Terraform Provider](#) community.
- Collaborations with FreeIPA community.
- Collaborations with Apache Hadoop and Apache BigTop communities



Roadmap

- Short-term Goals: MVP AI-agent launch, initial market entry.
- Mid-term Goals: New features, expanded integrations.
- Long-term Goals: Market leadership and innovation.





Long-Term Plan

- SaaS Subscription for the full AI platform
- Includes premium support and maintenance for enterprises
- Partner Program with licenses and technical support
- Free Open-Source Provider as the core technology