20TH ANNIVERSARY EDITION

WSO2CON ASIA

PLATFORMLESS MODERNIZATION

The State of WSO2 IAM

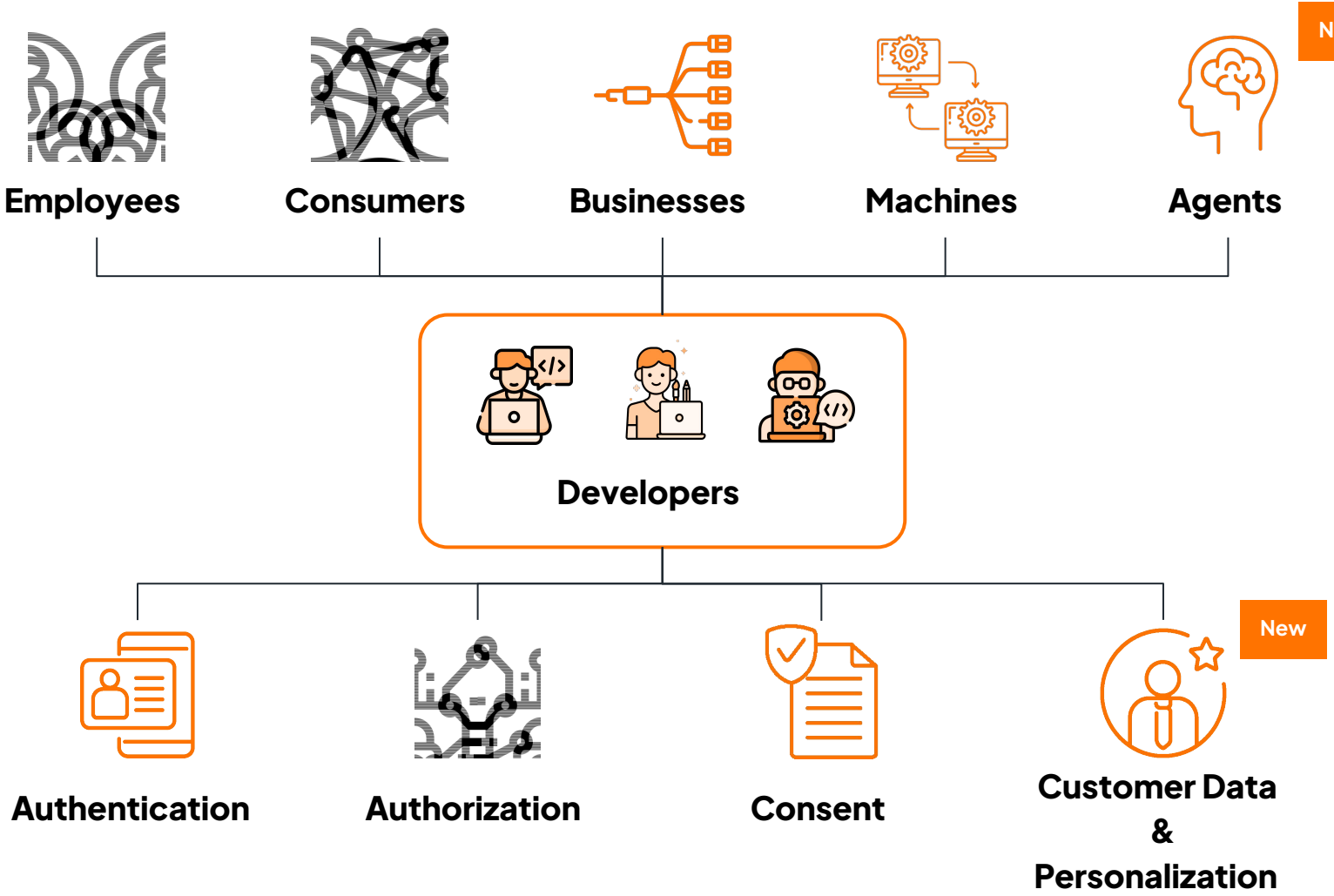
Geethika Cooray

VP & GM – IAM

WSO2

The most secure experiences are ones so simple, they're easily forgotten;

Because elegant simplicity *IS* the strongest security.


New
Employees
Consumers
Businesses
Machines
Agents
Developers
Authentication
Authorization
Consent
New
Customer Data
&
Personalization

WSO2 Identity Server

The Leading Open Source IAM

Identity Server is a powerful, modern and highly extensible identity and access management solution for your on-premises or cloud environment

- WSO2 IS 7.x series introduced a modernized developer experience
- Ver 7.2 is due in September 2025
- Simplified “Upgrade” to versions within 7.x series

ASGARDEO By WSO2

Multi-tenant SaaS IAM

Asgardeo is an AI-powered and developer-focused multi-tenant IDaaS solution that provides seamless, secure authentication and user management

Powered by WSO2 Identity Server

- Asgardeo has feature parity with WSO2 IS, but is often ahead
- Available as a Private, single tenant SaaS
- Highly extensible is Service Extensions & Events
- Data Sovereignty powered by InCountry

Available for purchase via

Microsoft Azure MARKETPLACE

aws marketplace

Google Cloud Platform Marketplace

Fortifying your Identity Landscape

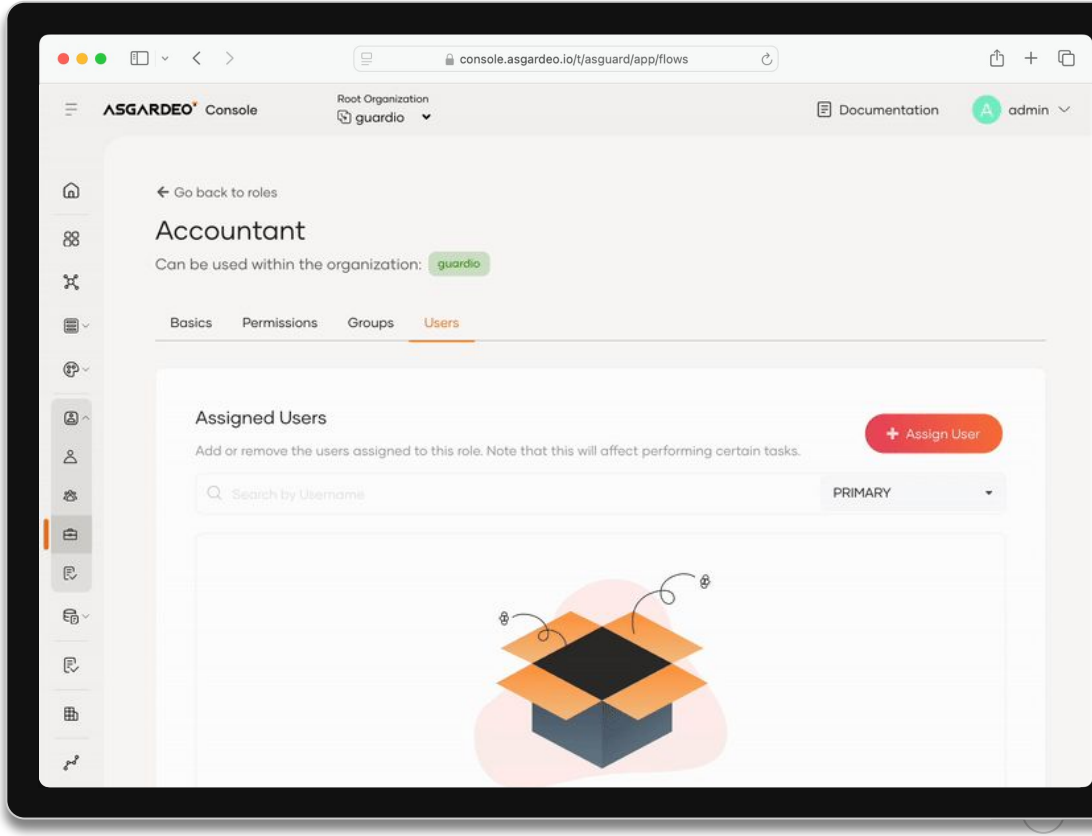
Empowering Developers & Ecosystem

Pioneering the Future of IAM

Fortifying Your Identity Landscape

New and improved approval workflows

- Create Approval Workflows
- Approve Pending Requests



Enhancements to B2B

- Elevate B2B SaaS Application Developer Experience
  - Component driven SDK support
  - Streamlining native B2B application development

- Extend Asgardeo organization management beyond traditional B2B SaaS scenarios
  - Empowering sub-organizations with flexible sharing and inheritance capabilities across users, applications, roles, and login flows

Supporting Post Quantum Safe Cryptography

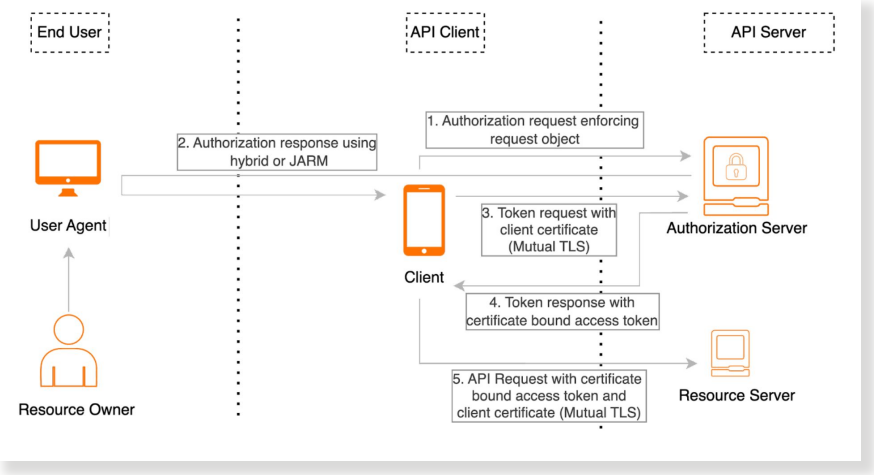
- Protection against quantum computers' ability to crack traditional cryptographic techniques
- Post-quantum secure mode can be enabled in IS 7.x
- Post-quantum secure mode will provide support for PQS TLS in inbound communications, more secure internal encryption and hashing.
- PQC safe symmetric encryption algorithms to support Encrypting secrets in the data and configs

Support for Financial-Grade APIs (FAPI)

FAPI first-class compliance to FAPI 1.0 and security for high-value APIs with OAuth 2.0

- Facilitates enforcing FAPI at client registration, user authorization flows, and token issuance flows for third party clients.

- **Supports**:
  - OAuth 2.0 PAR
  - OAuth 2.0 (JARM)
  - OAuth 2.0 RAR
  - OAuth 2.0 DPoP
  - OAuth 2.0 Mutual-TLS Client Authentication and Certificate-Bound Access Tokens



Empowering Developers & Ecosystems

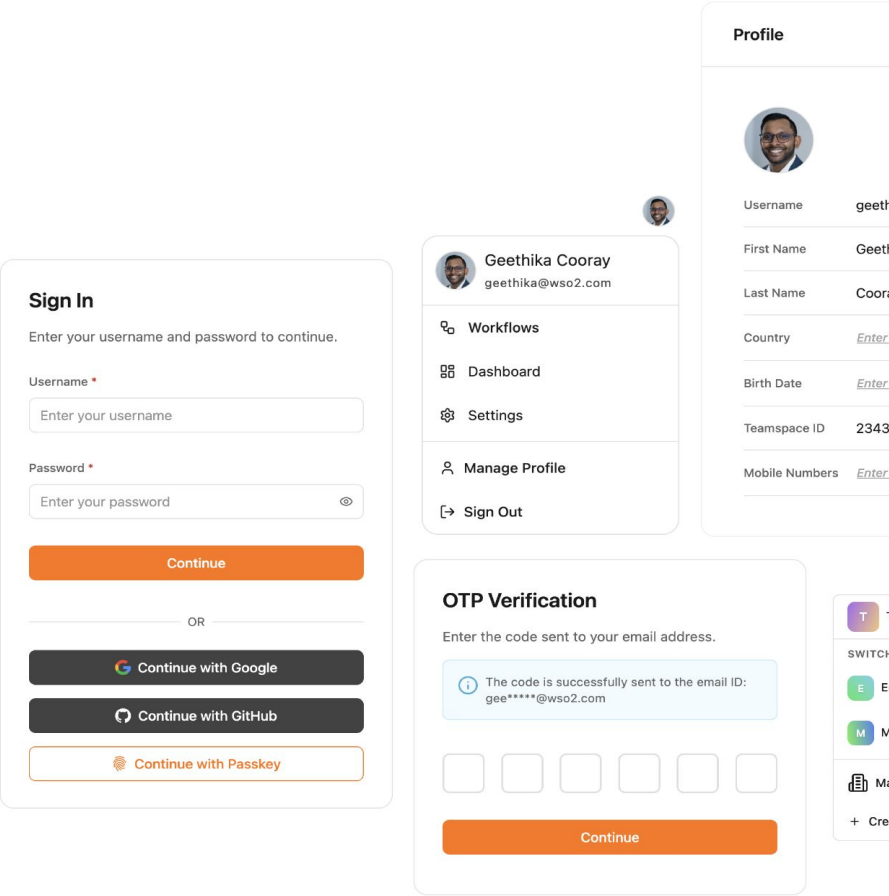
New Component-Driven SDKs

Plug-and-Play Identity for React & NEXT.JS

- Framework-native components for B2C and B2B
- Zero-boilerplate setup — *just import and go*
- Declarative & highly customizable
- Available today — *and more on the way*

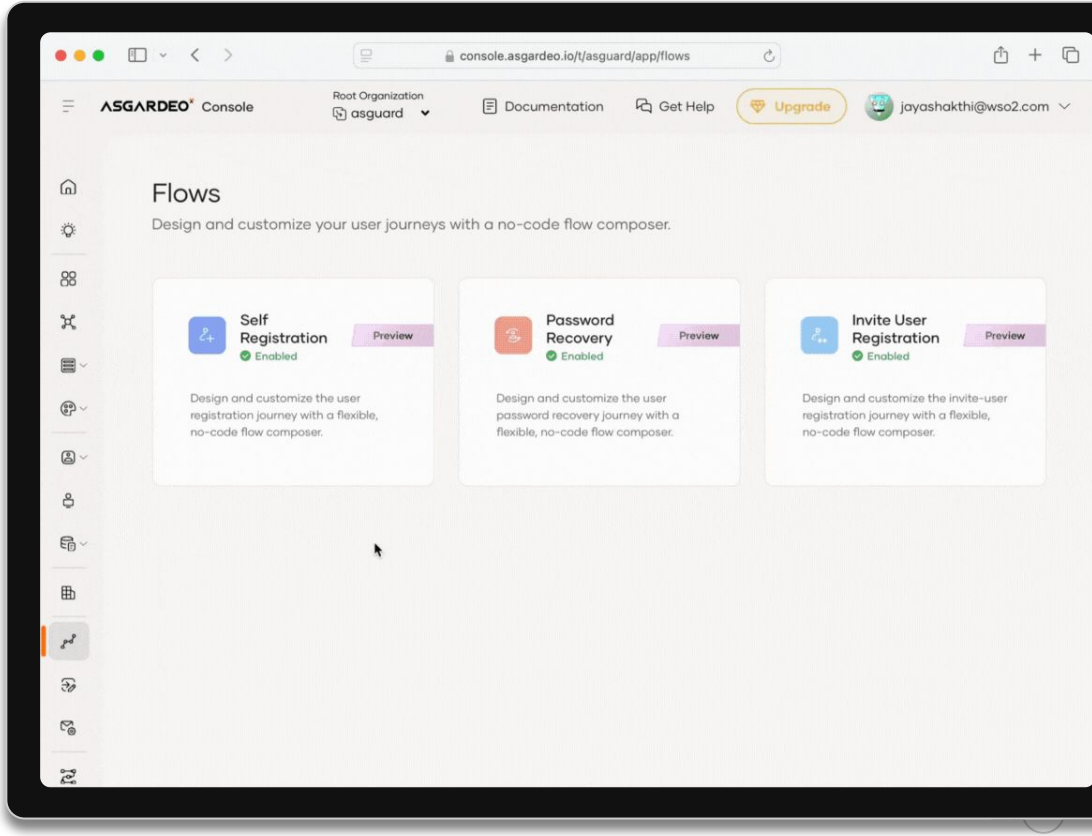
```
npm install @asgardeo/react
```

```
npm install @asgardeo/nextjs
```



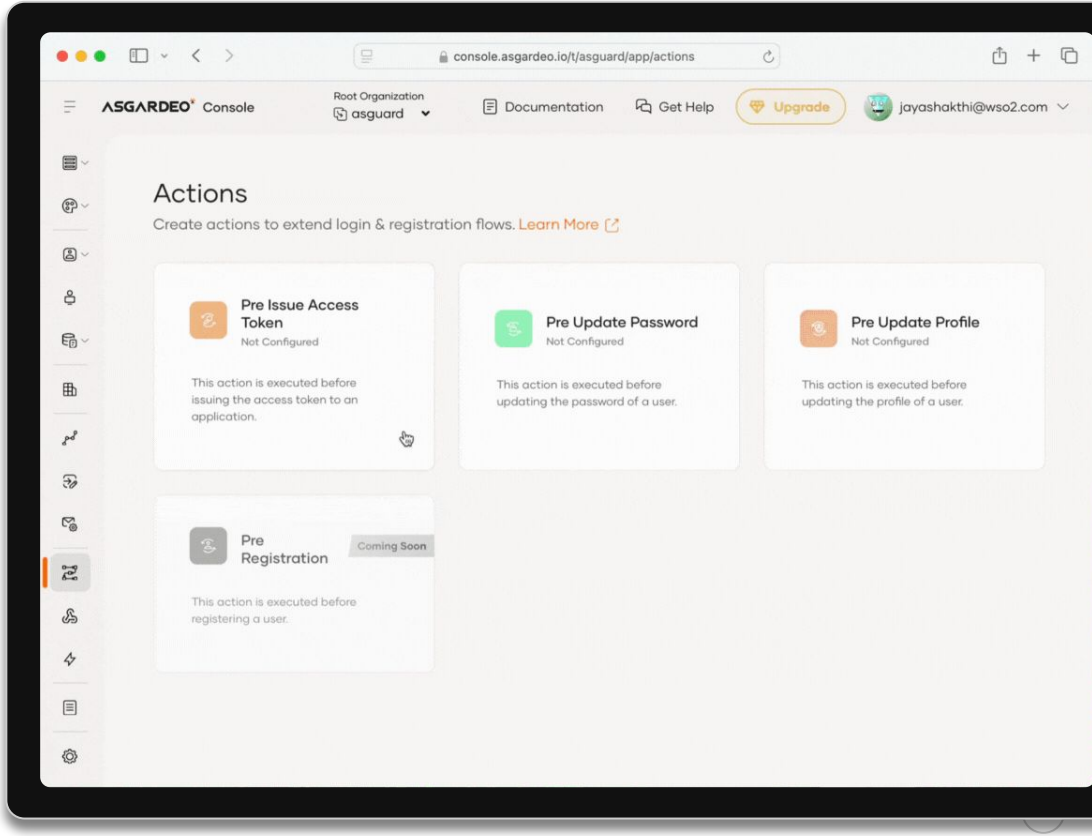
Ochestratable Identity Journeys

- Enable dynamic, customizable identity journeys with AI powered flow orchestration
- Build flexible, step based flows for login, registration and recovery
- Integrate security checks like MFA and CAPTCHA with ease



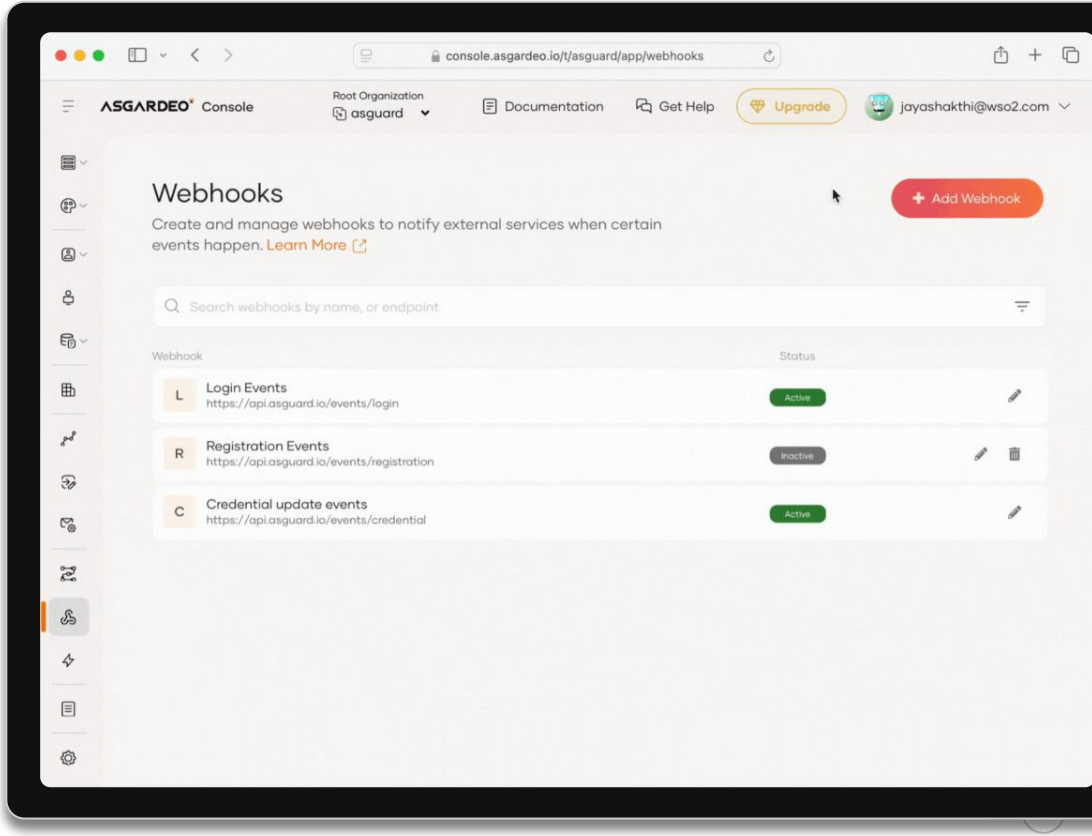
Service based Extensions

- Write extensions in any language
- Deploy them as lightweight services
- Seamlessly plug into login, registration, profile update and token issuance flows to meet your unique business needs



Events

- Integrate systems and enhance security with real-time notifications by subscribing to critical identity events.
- Use these notifications to automate workflows, enforce policies, and address security requirements.



Ecosystem

sift

The AI-Powered Fraud Detection Platform

Integrate Sift's AI-powered fraud detection with Asgardeo to block account takeovers, suspicious login attempts in real time

onfido

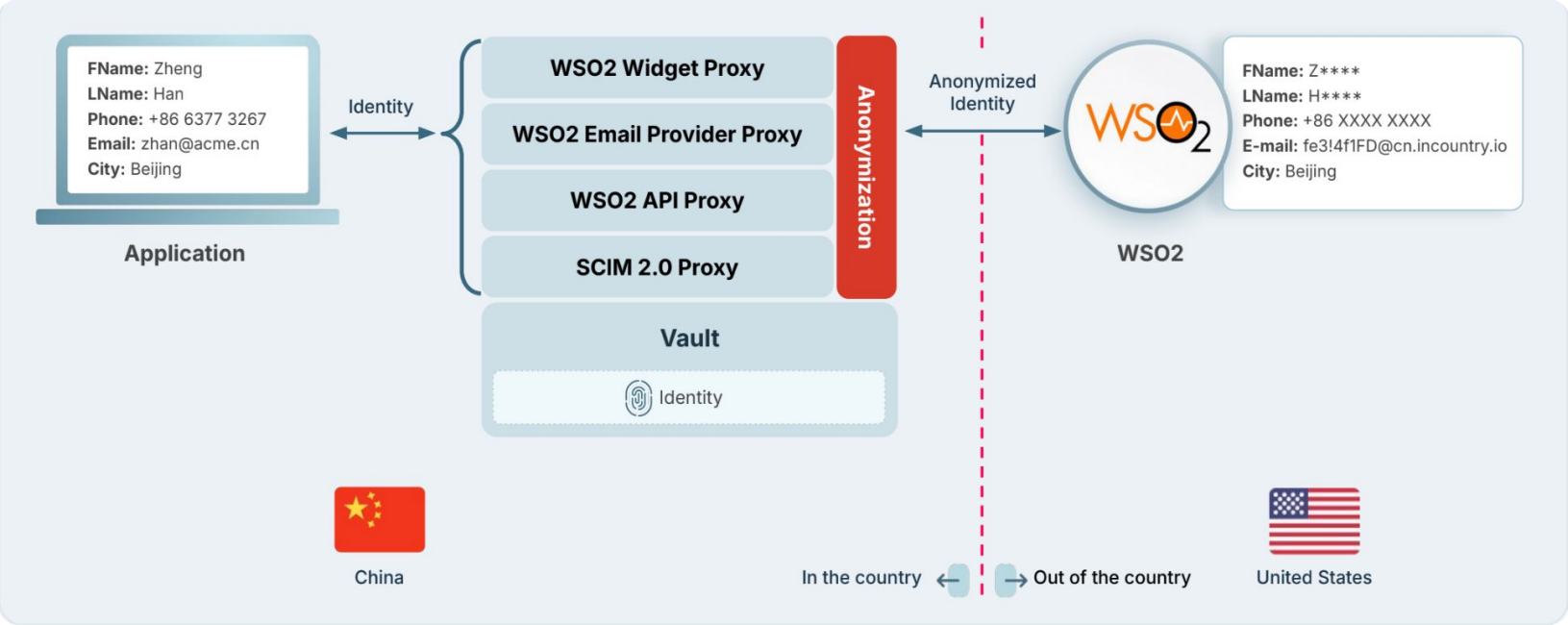
Identities that Empower Businesses

Integrate Onfido with Asgardeo to verify identities using a photo-based identity document, a selfie and artificial intelligence (AI) algorithms

Ecosystem

Sovereign Identity Proxy

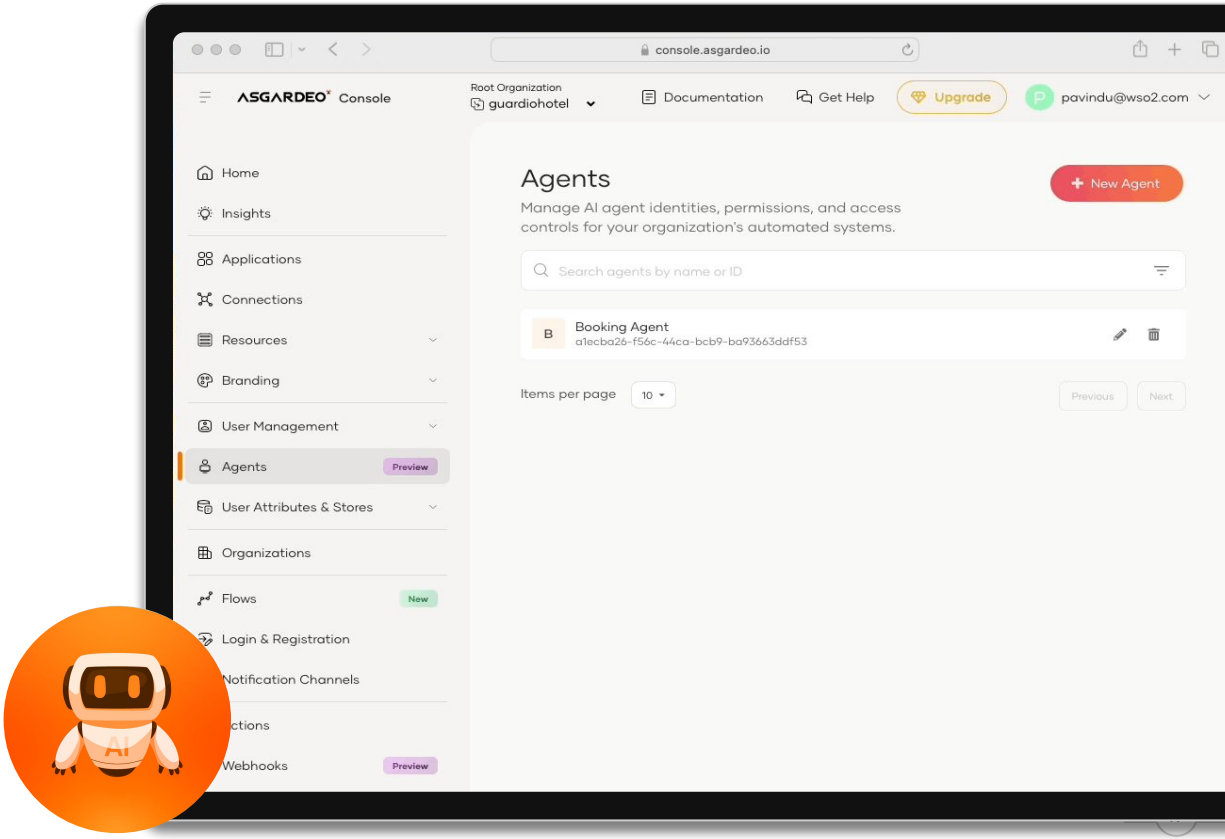
Extend WSO2 Org to isolate Identity Data in other Countries



Pioneering the Future of Identity

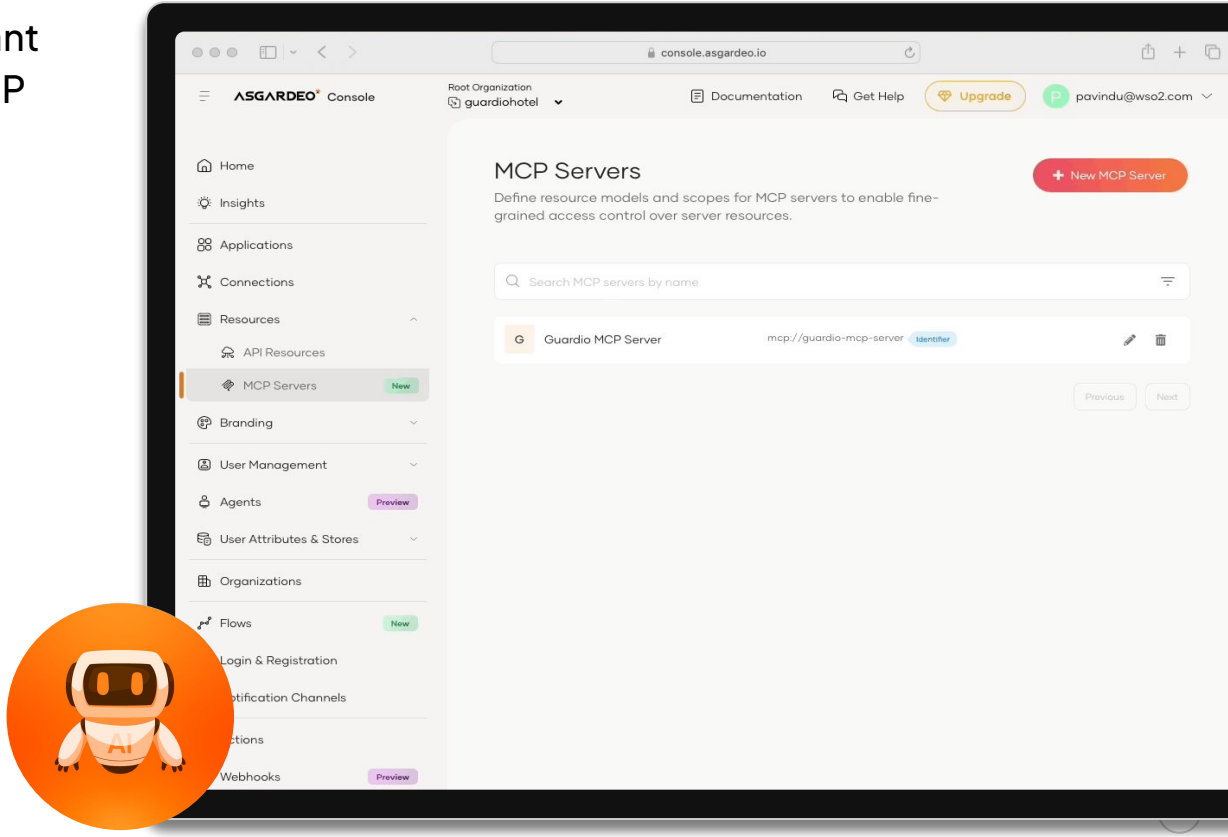
IAM for Agentic AI

- Treat Agents as first-class
- Configure security credentials
- Manage Access levels
- Enable Audit and Compliance



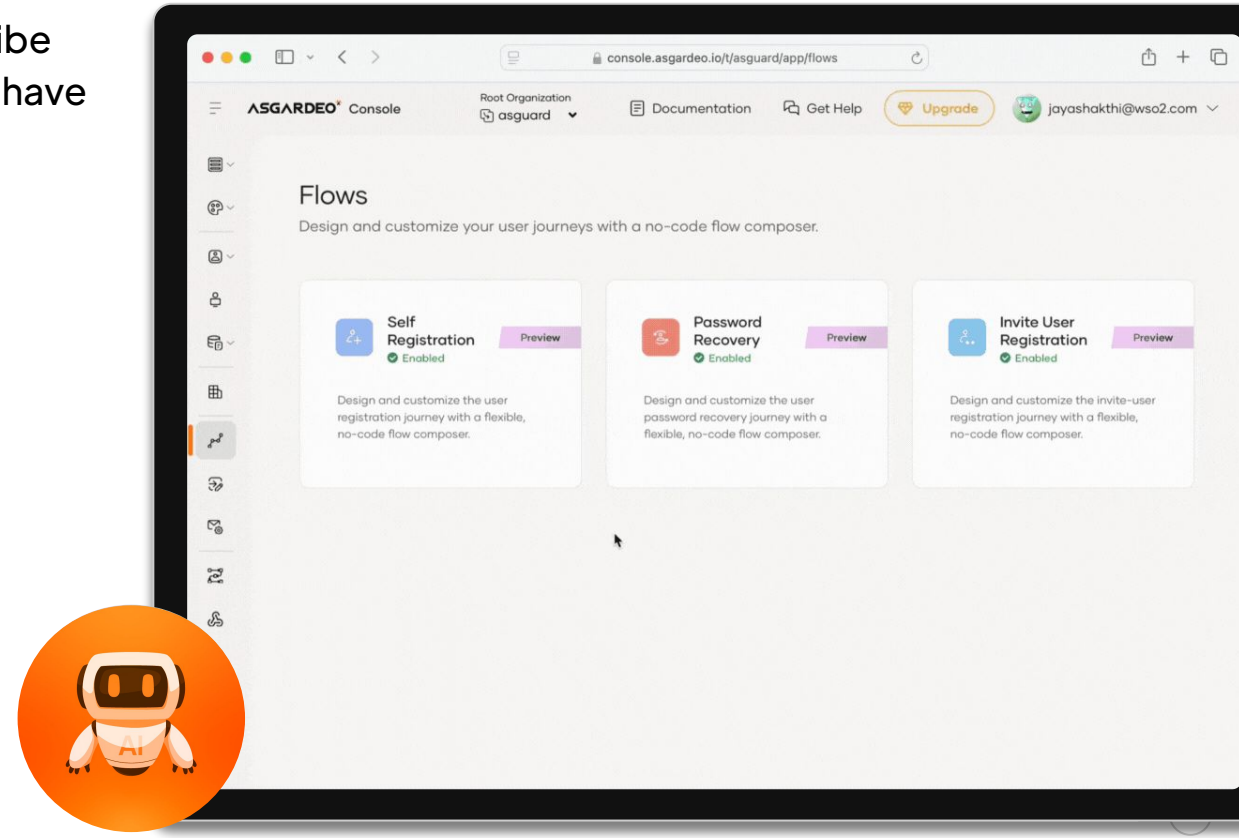
Authorization for MCP Servers

Simplified UX for those who want to enable secure access to MCP servers and connect via MCP clients.



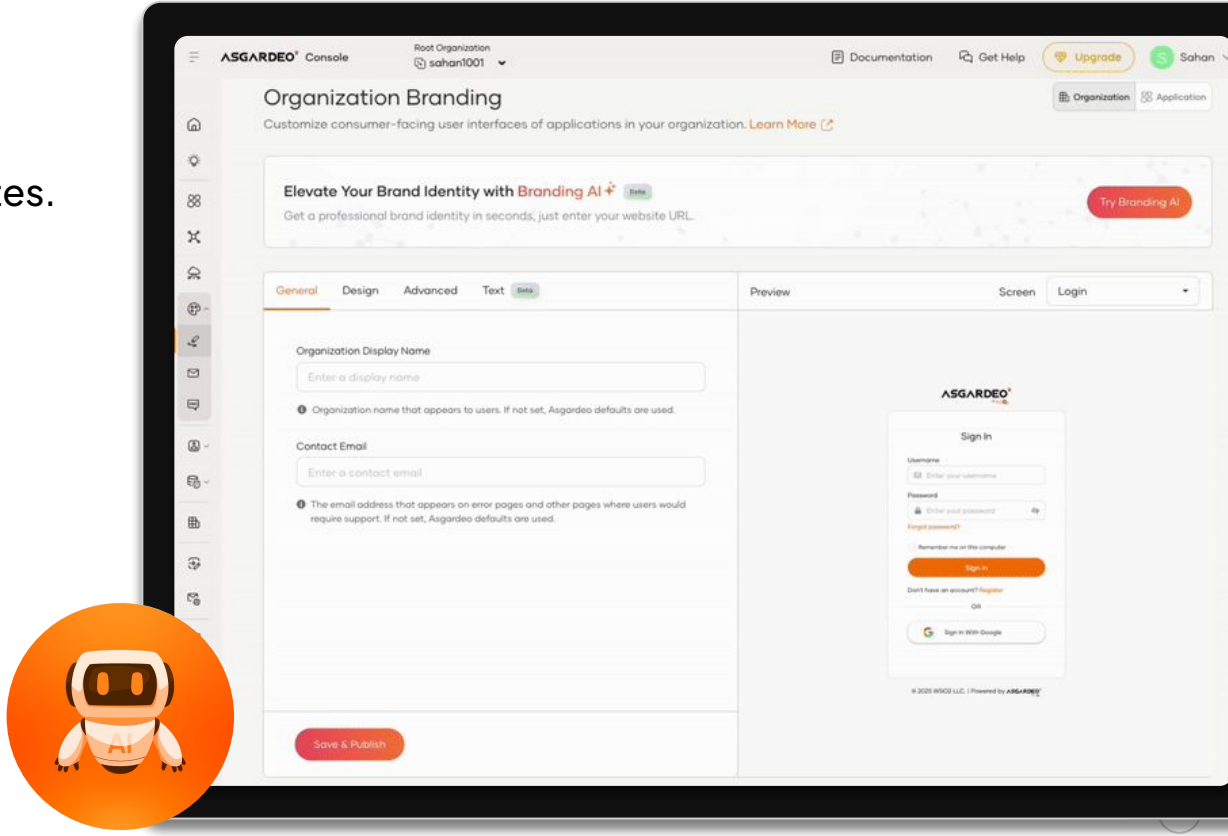
AI-powered Registration & Login flow builder

Use natural language to describe the ideal registration flow and have AI generate the flow for you.

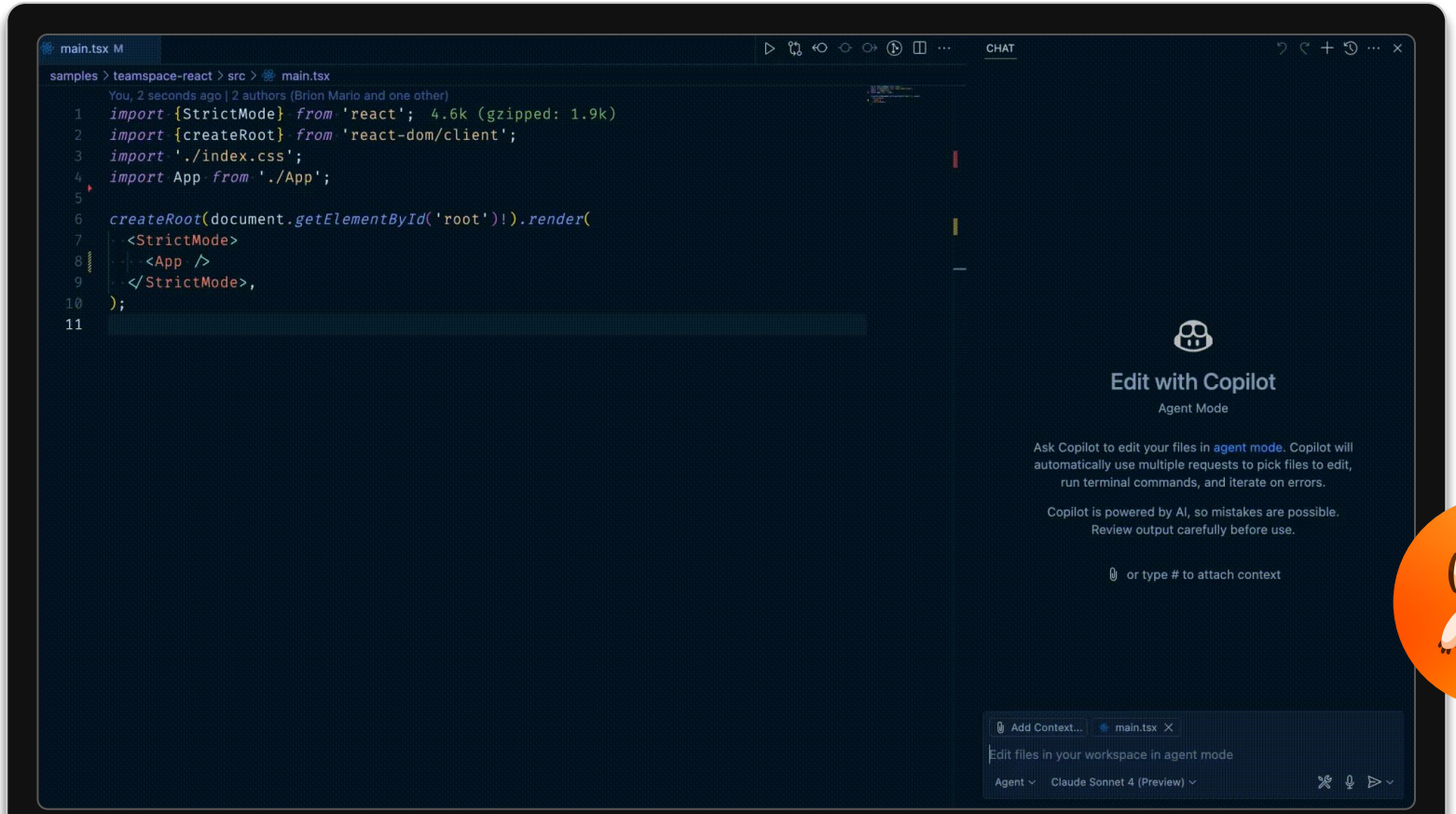


AI-powered branding

Add your web URL and have Asgardeo AI brand your login page, TOTP and other related pages, including email templates.



Asgardeo MCP Server



Looking ahead…

Customer Data Service

Customer Data Service

Customer Data Service

1. Unified and identity-first
2. User controlled data
3. Security, privacy, and consent-aware
4. Omnichannel 360-degree
5. Personalization for all users

Developer friendly **APIs & SDKs**

Applications with Personalization

Verifiable Credentials

- Global Shift Toward Verifiable Credentials & Digital Identity
  - eIDAS 2.0 (EU)

- Current Support (As of IS 7.2.0)
  - Mattr, Microsoft Entra Verified ID: Integrated credential issuance via OIDC bridge

- In the future
  - Built-in OpenID4VCI Support: Ability to issue credentials aligned with OpenID4VC specifications
  - OpenID4VP Early Support: credential verification support aligned with OpenID4VP specifications

Advanced Identity Analytics powered by Moesif

Moseif is now part of WSO2

Learn more about IAM

Stop by the O2 Bar!

Next Up

Omindu Rathnaweera
CIAM: Building Secure Experiences for Your Customers
Today at 2.00pm

Johann Nallathamby
Organizational Identity for B2B IAM and Beyond

Today at 2.30pm

3.00pm — Break —

After Break

Janak Amarasena
The State of OAuth: A Guide to New and Upcoming Standards
Today at 3.30pm

Ayesha Dissanayaka
Secure Your AI with IAM for Agents

Today at 4.00pm

emojot

align
Transforming smiles, changing lives.

vodafone

Customer Panel
How Enterprises Are Modernizing with IAM

Thank you!

20TH ANNIVERSARY EDITION
WSO2CONASIA
PLATFORMLESS MODERNIZATION