

Customer Identity Cloud

Powered by Auth0

Product Roadmap Presentation



Introduction

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Product Marketing Manager,
Customer Identity at Okta

As a Product Marketing Manager at Okta, my focus is on communicating the value of Customer Identity for SaaS applications.



Safe harbor

This presentation contains “forward-looking statements” within the meaning of the “safe harbor” provisions of the Private Securities Litigation Reform Act of 1995, including but not limited to, statements regarding our financial outlook, long-term financial targets, product development, business strategy and plans, market trends and market size, opportunities, positioning and expected benefits that will be derived from the acquisition of Auth0, Inc. These forward-looking statements are based on current expectations, estimates, forecasts and projections. Words such as “expect,” “anticipate,” “should,” “believe,” “hope,” “target,” “project,” “goals,” “estimate,” “potential,” “predict,” “may,” “will,” “might,” “could,” “intend,” “shall” and variations of these terms and similar expressions are intended to identify these forward-looking statements, although not all forward-looking statements contain these identifying words. Forward-looking statements are subject to a number of risks and uncertainties, many of which involve factors or circumstances that are beyond our control. For example, the market for our products may develop more slowly than expected or than it has in the past; there may be significant fluctuations in our results of operations and cash flows related to our revenue recognition or otherwise; we may fail to successfully integrate any new business, including Auth0, Inc.; we may fail to realize anticipated benefits of any combined operations with Auth0, Inc.; we may experience unanticipated costs of integrating Auth0, Inc.; the potential impact of the acquisition on relationships with third parties, including employees, customers, partners and competitors; we may be unable to retain key

personnel; global economic conditions could worsen; a network or data security incident that allows unauthorized access to our network or data or our customers’ data could damage our reputation and cause us to incur significant costs; we could experience interruptions or performance problems associated with our technology, including a service outage; the impact of COVID-19 and variants of concern, related public health measures and any associated economic downturn on our business and results of operations may be more than we expect; and we may not be able to pay off our convertible senior notes when due. Further information on potential factors that could affect our financial results is included in our most recent Quarterly Report on Form 10-Q and our other filings with the Securities and Exchange Commission. The forward-looking statements included in this presentation represent our views only as of the date of this presentation and we assume no obligation and do not intend to update these forward-looking statements.

Any unreleased products, features or functionality referenced in this presentation are not currently available and may not be delivered on time or at all. Product roadmaps do not represent a commitment, obligation or promise to deliver any product, feature or functionality, and you should not rely on them to make your purchase decisions.



1

News and Updates

What's Happening?



User Groups – Collaborate with other Okta users



Webinars – Hang out with us

- Unboxing Identity Sessions
 - Workforce Identity Demo – 07/25, 10am PT
 - Customer Identity Demo – 07/26, 10am PT



Oktane23 – Register Now

- **When?** October 3–5
- **Where?** San Francisco
- **More?** @ okta.com/oktane/



Customer Identity Cloud Product Roadmap



Product Roadmap Themes

Consumer Identity

Features to drive consumer growth by increasing conversions and reducing friction

SaaS Identity

Technology to achieve growth efficiently by modelling identity for business customers and their end users

Secure Identity

Tools to build trust and reduce risk by limiting the impact of fraud and abuse

Extensibility and Ecosystem

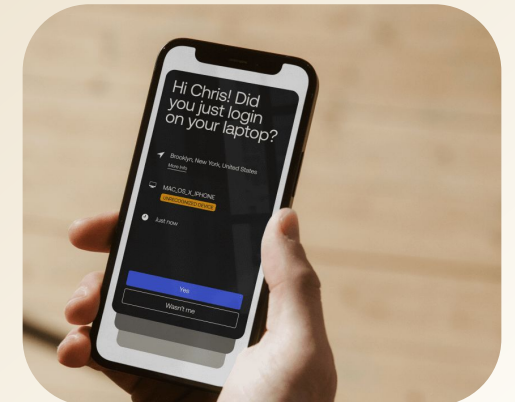
Features to meet the unique identity needs of each customer by customizing, extending and providing out-of-the box integrations

Developer Experience

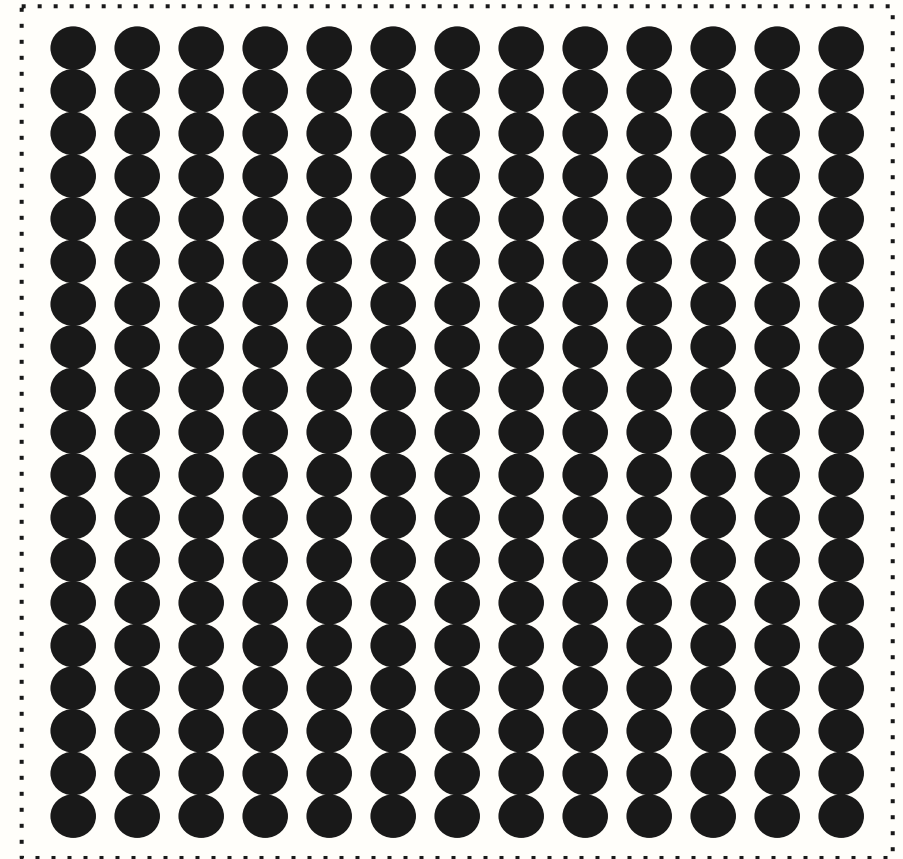
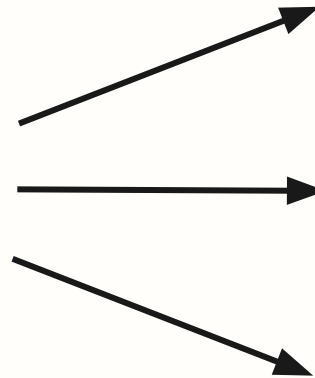
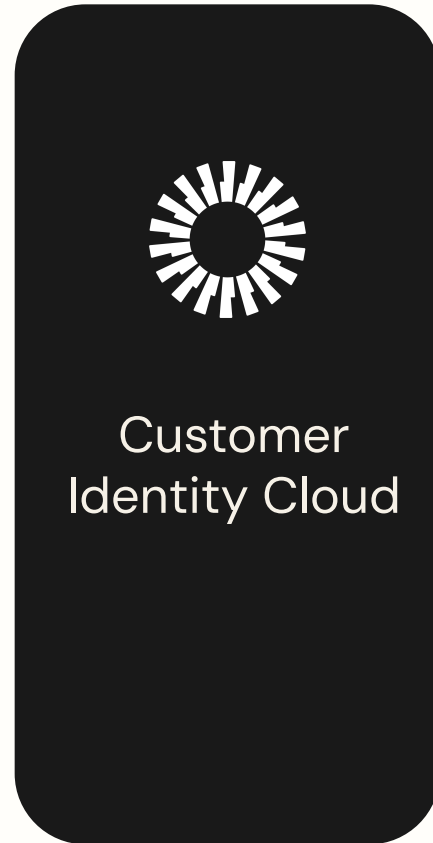
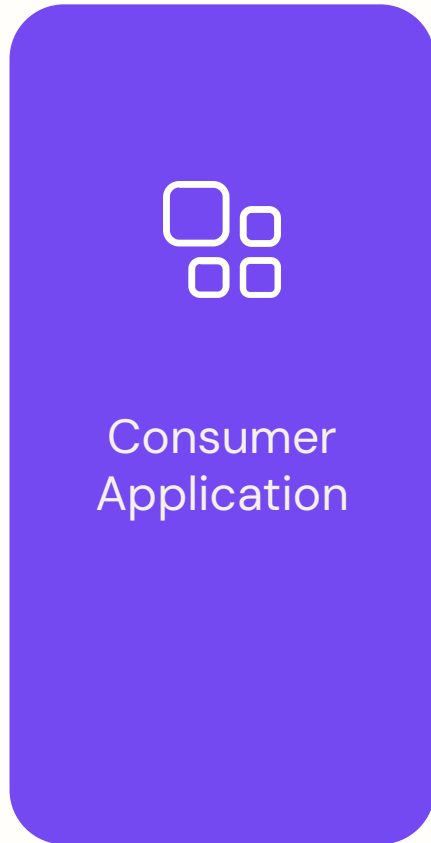
Experiences to simplify implementation, management and operation of Auth0 for customers at any scale



Consumer Identity



Visualizing the Use Case: Consumer Application

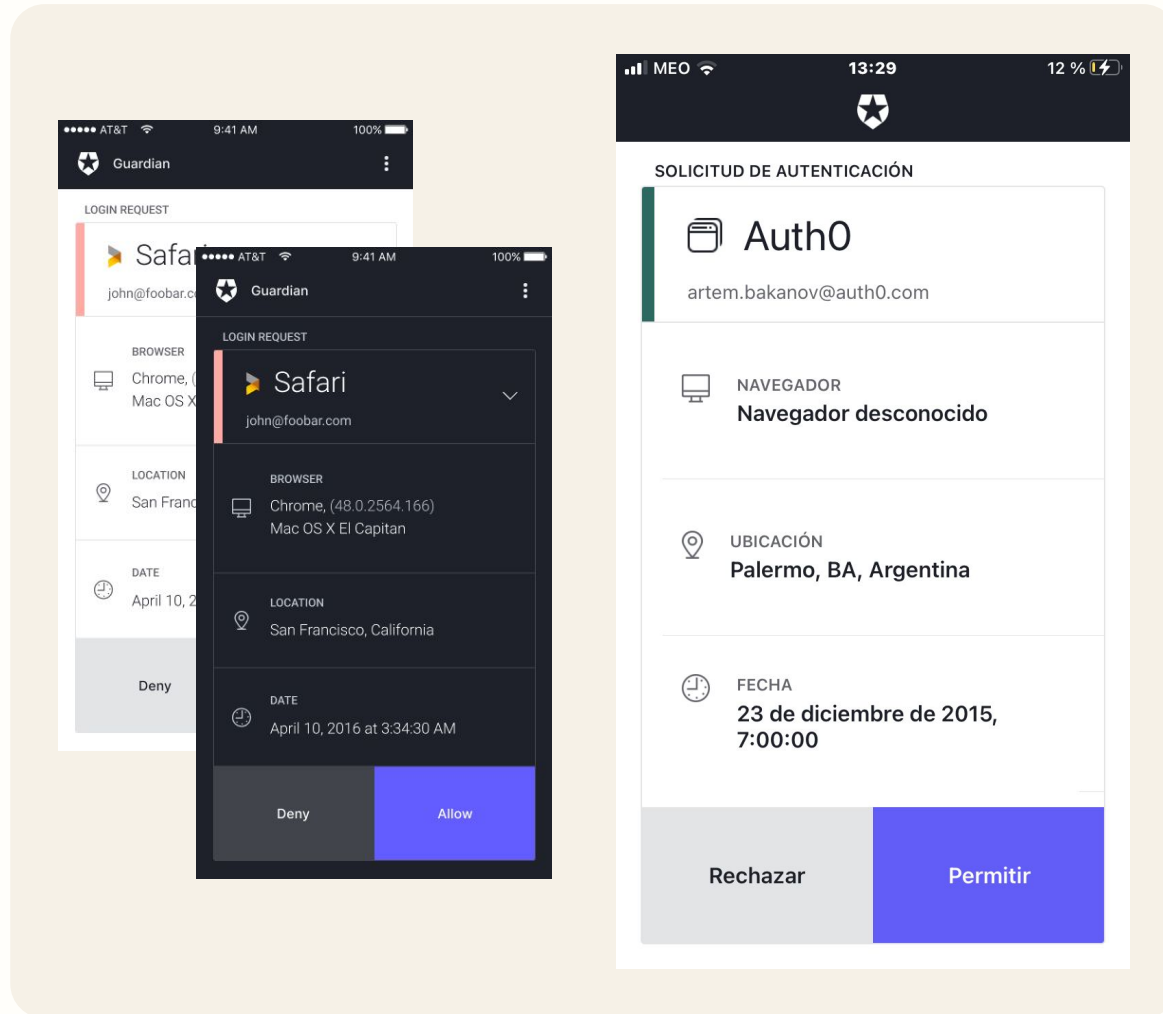


End Users



Release Highlights

Consumer Identity



Guardian App (iOS & Android)

Recent Updates

- Localization Support (Limited Languages)
- Essential Component Updates / Bug Fixes

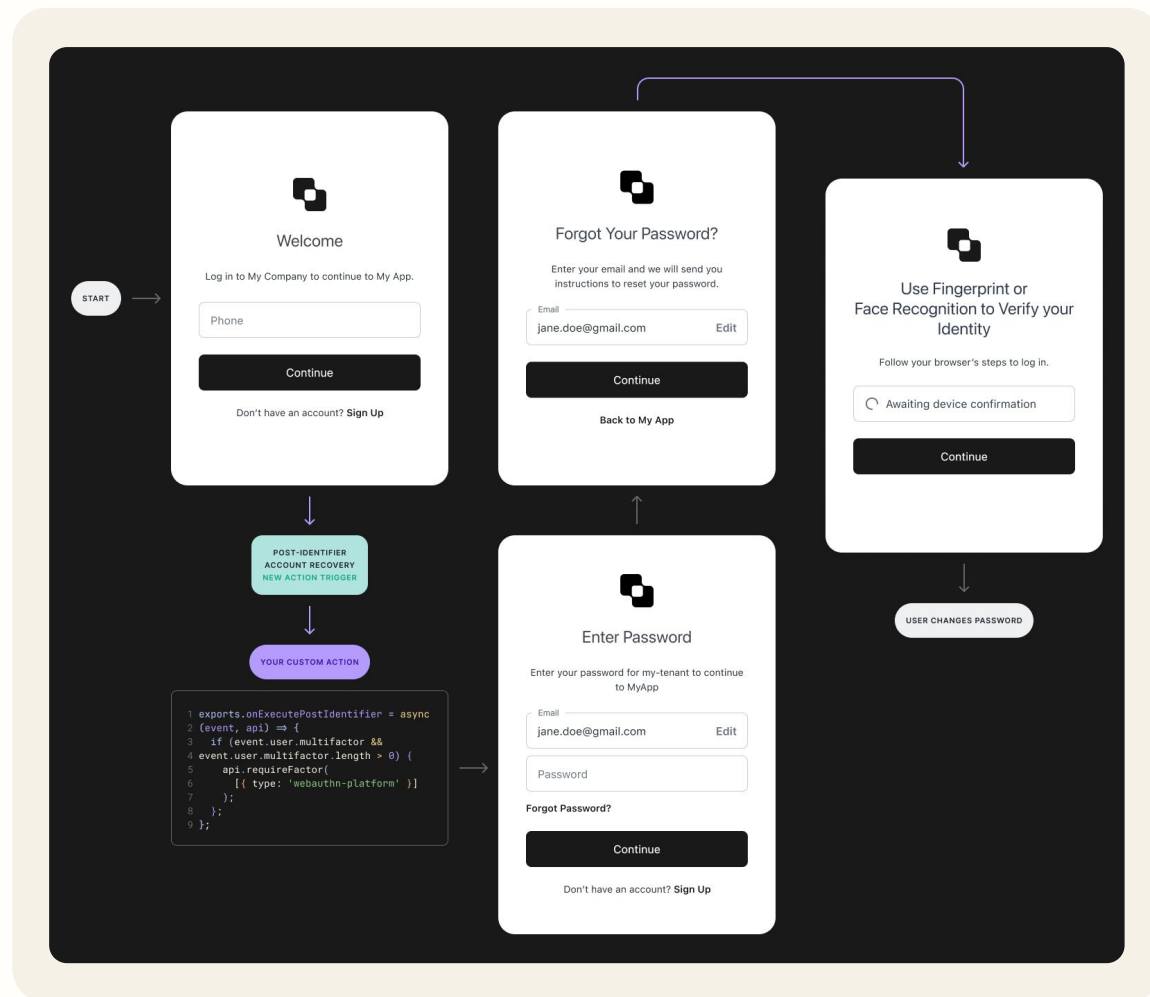
What's Next

- Localization Support for all 40+ CIC languages – Guardian App will default to the mobile OS language and enable end-users to manually set which language they want to use
- Dark Mode – Switch to a modern, dark theme
- Authenticate using FaceID to protect against use in case of device compromise



What's Coming Next

Consumer Identity



Password Recovery Improvements

- Remove the requirement for email verification on the recovery flow
- Add MFA to your recovery flow for added security
- Make a factor the only required challenge to reset a password
- Support 3rd party integration for increased security

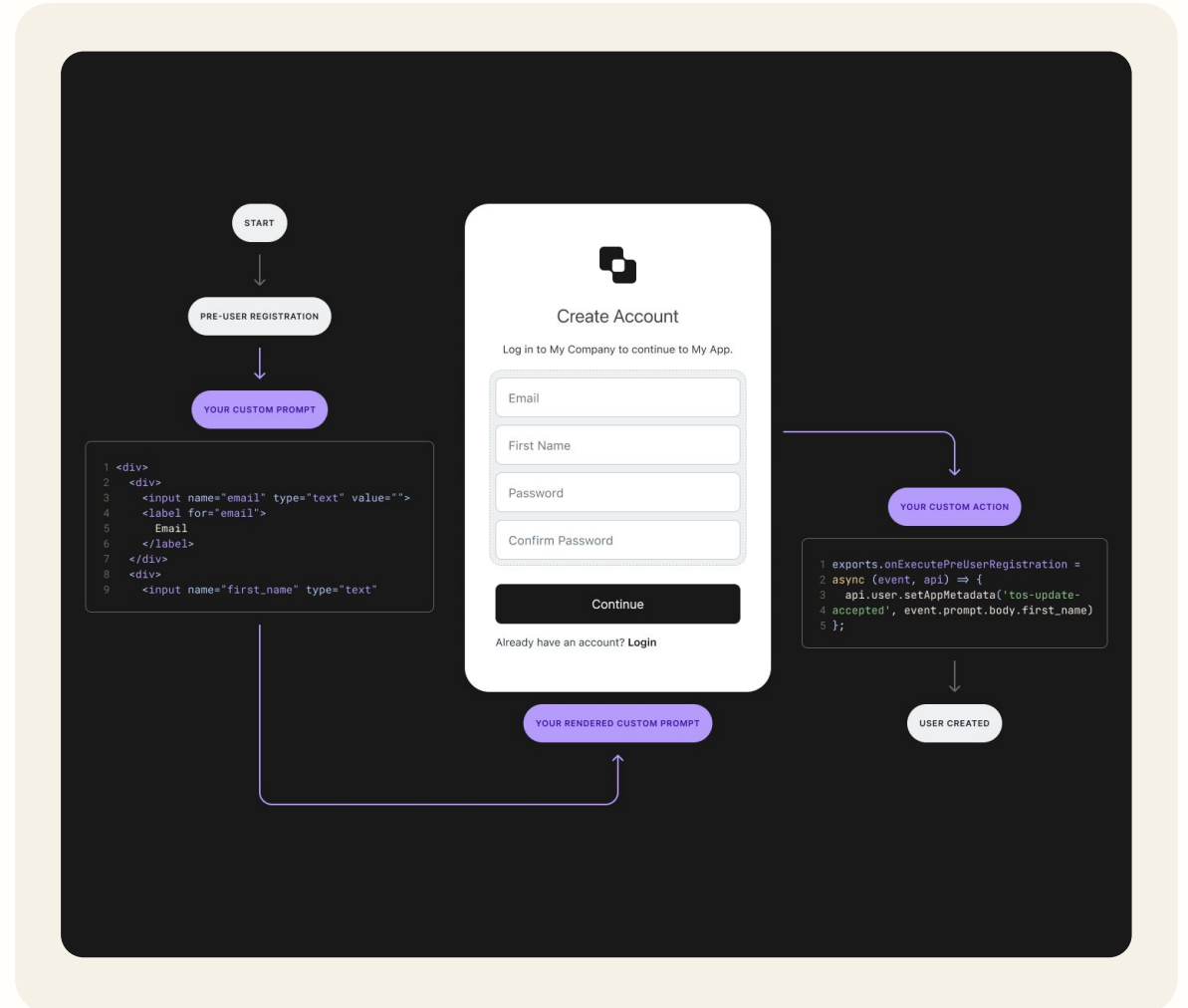


What's Coming Next

Consumer Identity

Sign Up Enhancements

- Render custom prompts in the sign-up flow to display or collect additional information (Actions based)
- Customized sign-up fields on registration including Terms of Service, Consent options and any other desired metadata
- Sign-up with phone as a standalone identifier (Q3)

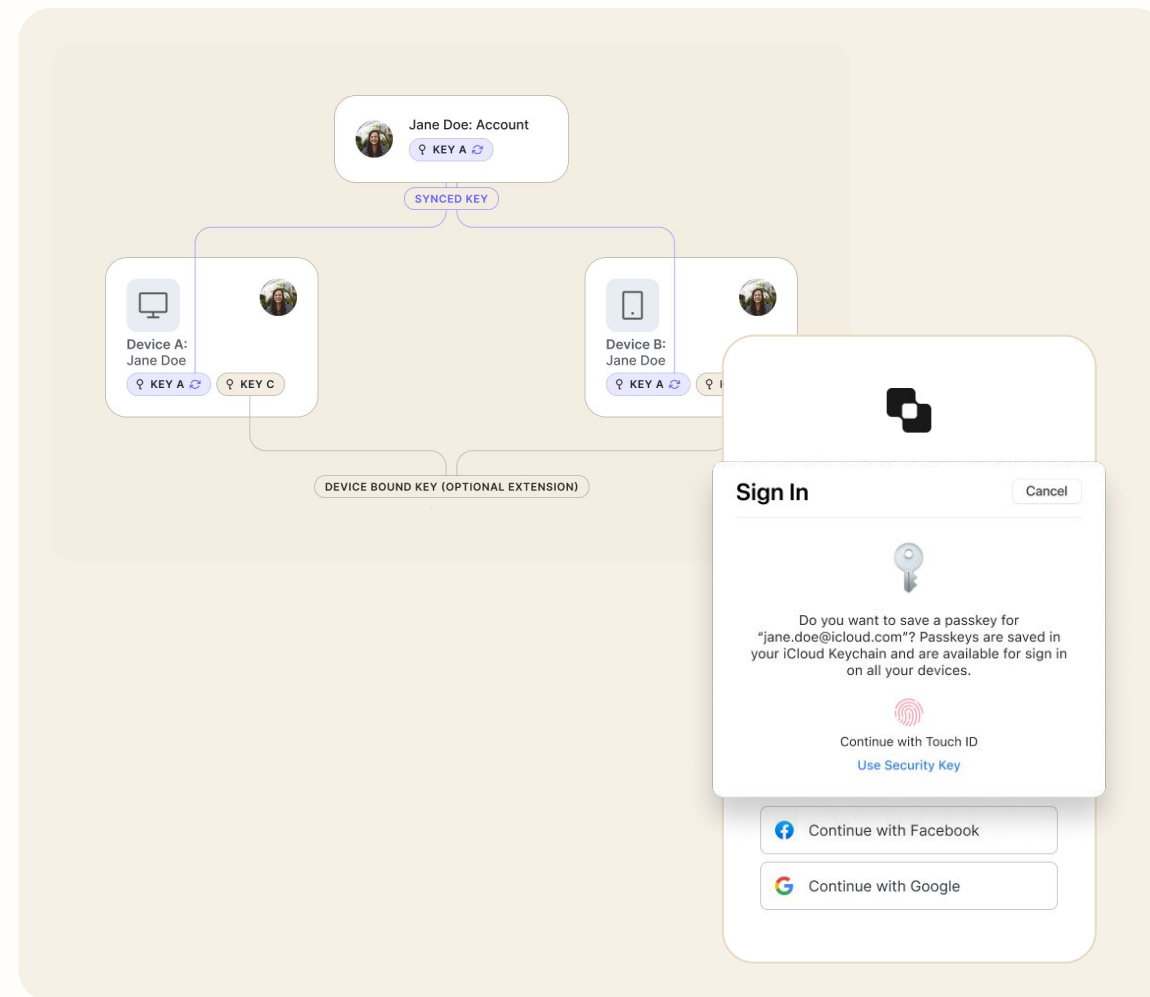


What's Coming Next

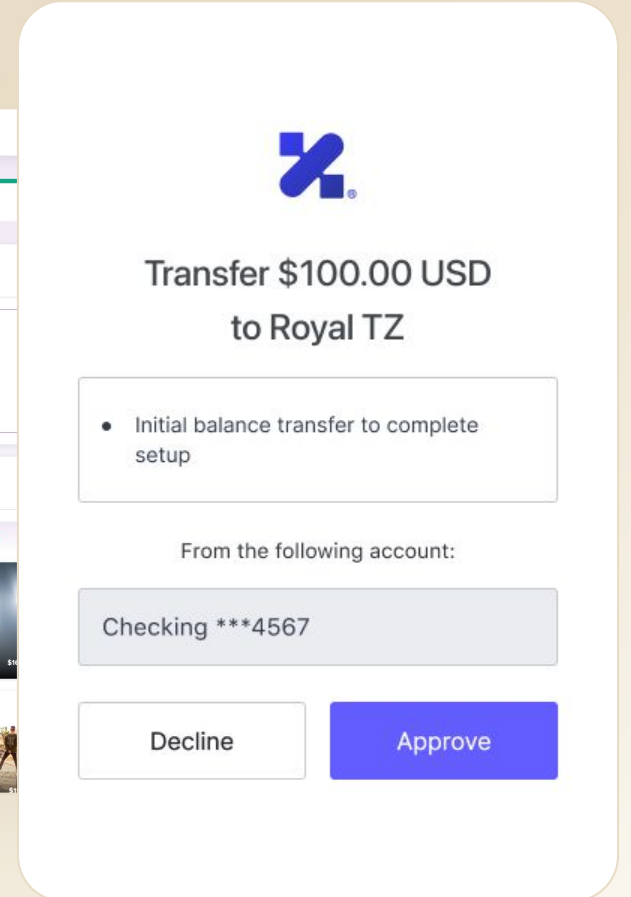
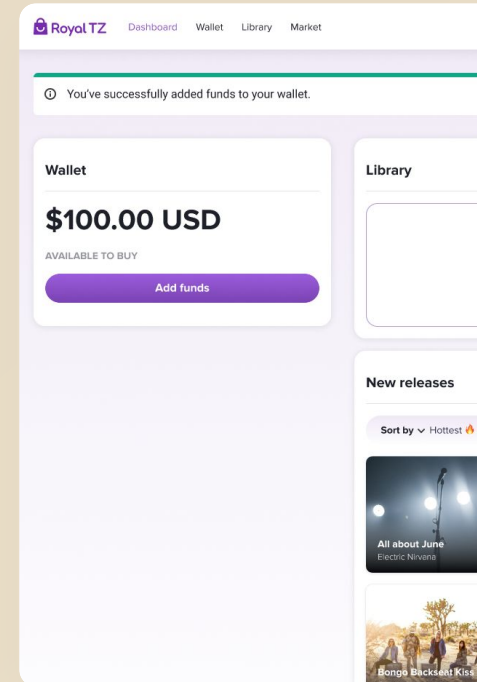
Consumer Identity

Passkey

- Support for WebAuthn based multi-device credential
- Enable end-users to use passkeys tied to their Apple, Google or Microsoft Accounts
- Remove end-user friction with FIDO's phishing-resistant authentication methods

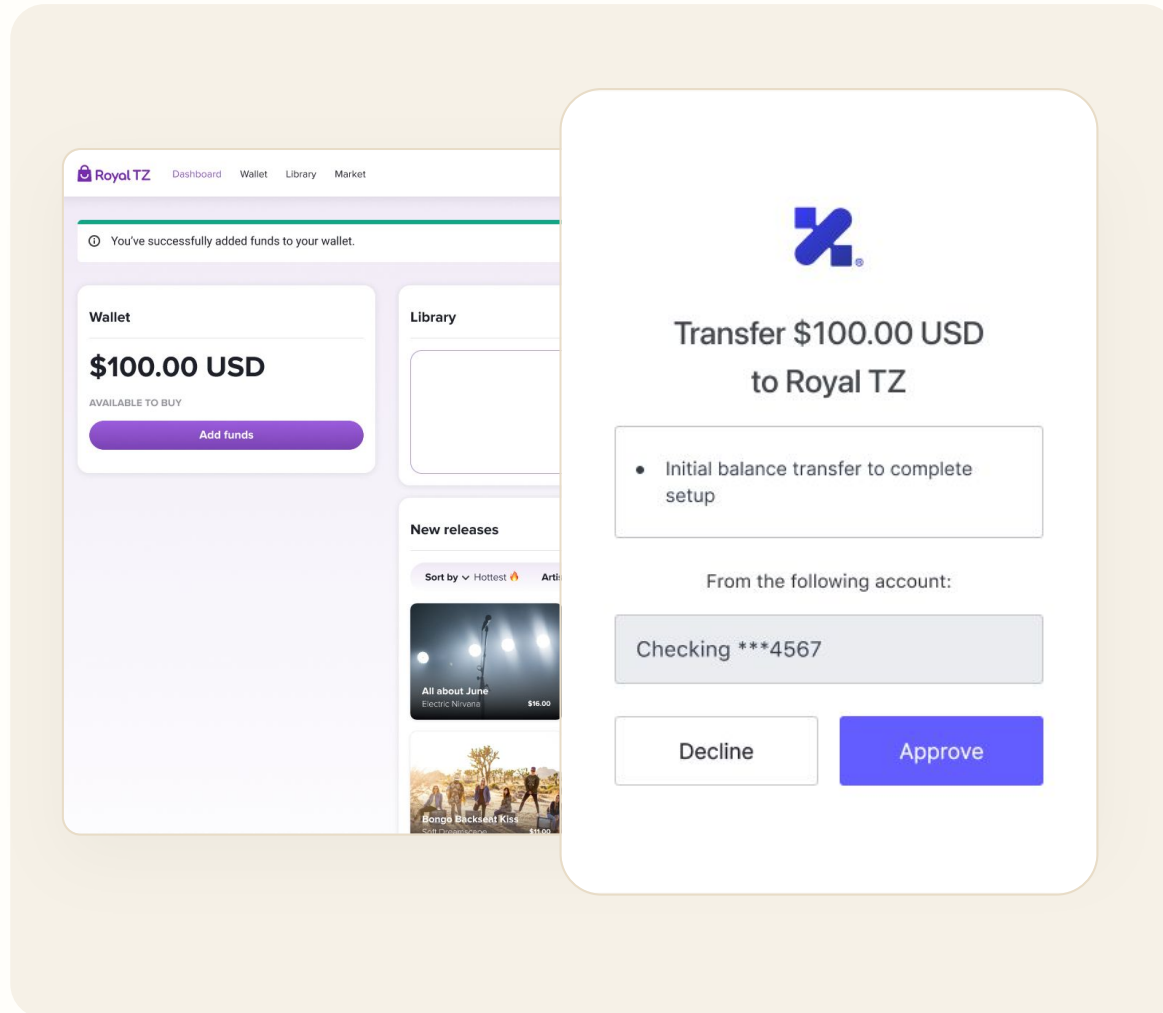


Highly Regulated Identity



Release Highlights

Highly Regulated Identity



Highly Regulated Identity

- Securely authenticate interaction from Apps with Private Key JWT
- Enable message-level signing with JAR (JWT-Signed Authorization Request)
- Prevent sensitive information from appearing in the front-channel with PAR (Pushed Authorization Requests)
- Deliver financial use-cases in North America, the EU and UK with contextual SCA (Strong Customer Authentication)
- Secured at your edge with OAuth 2.0 Mutual-TLS Client Authentication and Certificate-Bound Access Tokens (mTLS)

GA

Early Access

Early Access

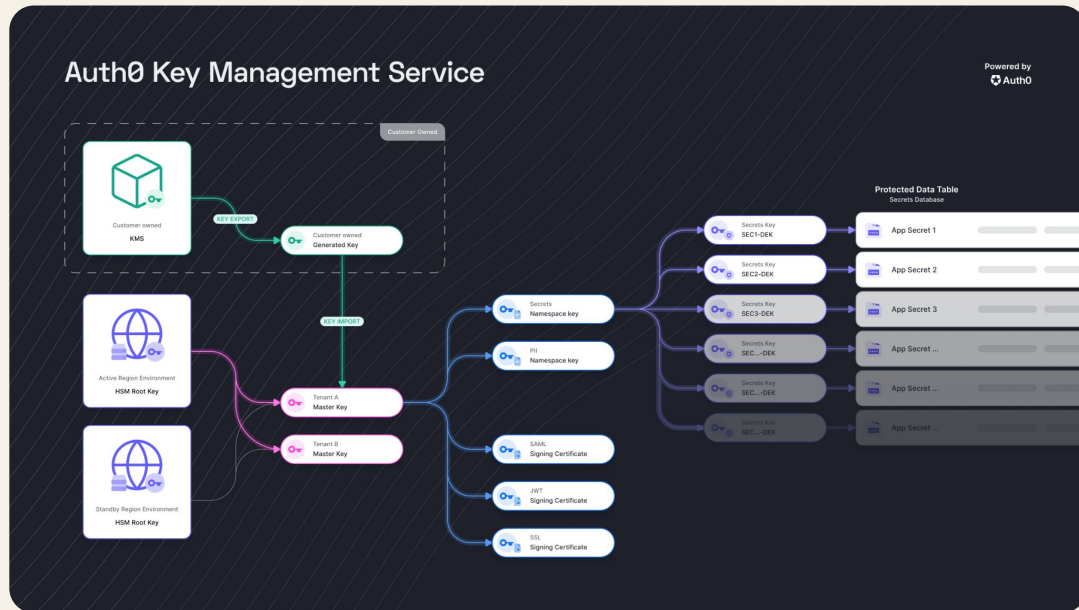
Beta

Beta



What's Coming Next

Highly Regulated Identity



Customer Managed Keys

- Allows customers to manage the lifecycle (rotate, revoke, delete) of the master key used to encrypt and sign all tenant data
- Supports customer-supplied top-level keys (BYOK)
- Compatible with AWS KMS and Azure Key Vault



SaaS Identity

The screenshot shows the 'Enterprise Connections' page in the Okta Admin console. The left sidebar contains navigation items: Getting Started, Activity, Applications, Authentication, Organizations, User Management, Branding, Security, Actions, Auth Pipeline, Monitoring, Marketplace, Extensions, and Settings. The main content area is titled 'Enterprise Connections' and includes a sub-header 'Configure Enterprise Connections like AD, SAML, Google Workspace and others'. Below this, there is a list of connection types: Okta, SAML, OpenID Connect, Google Workspace, Microsoft Azure AD, ADFS, and Active Directory / LDAP.

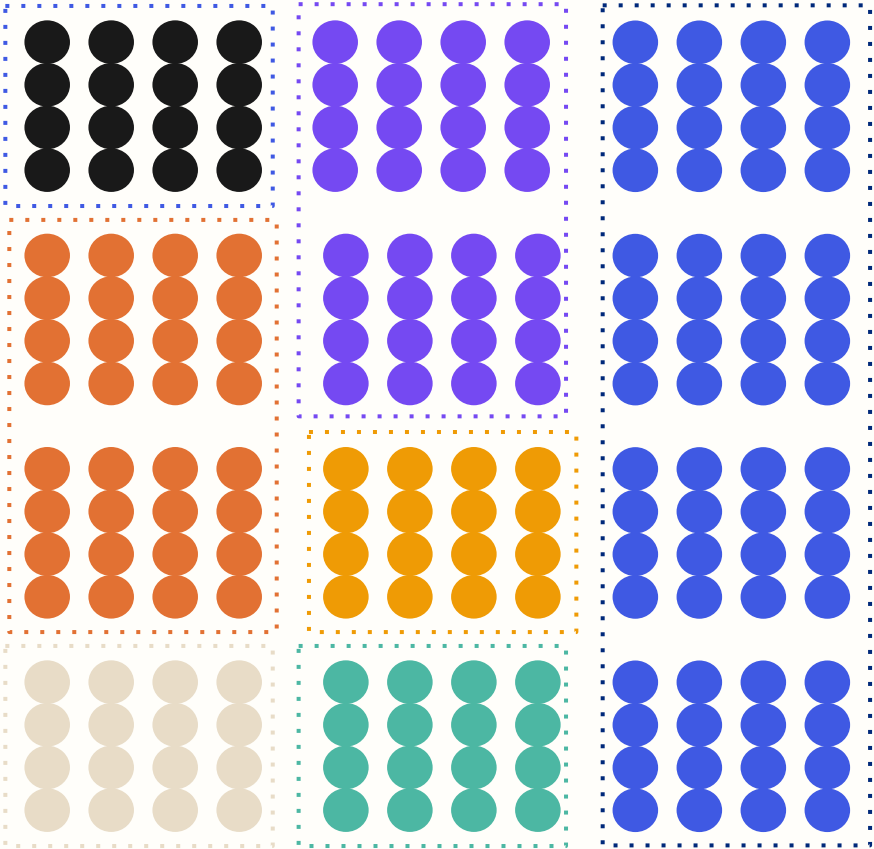
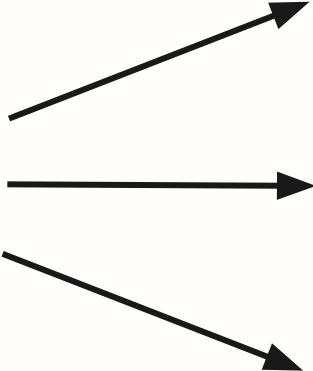
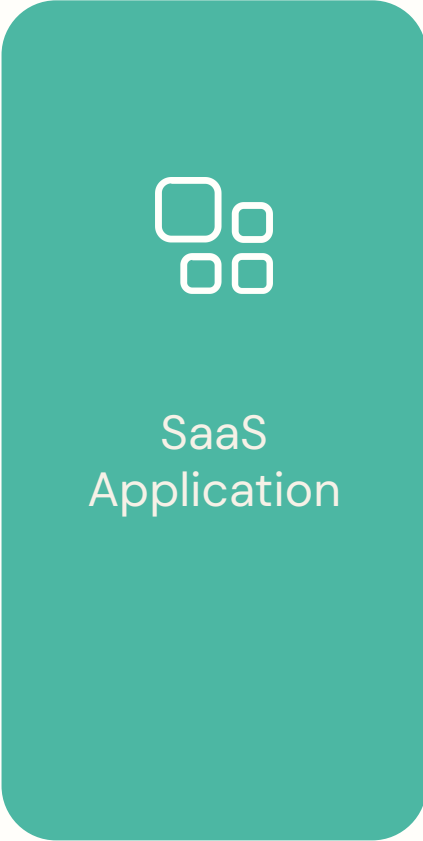
The mockup shows a login screen for 'Acme Inc.' with a large 'A' logo in a dark circle at the top. Below the logo, the text reads 'Login to Acme Inc.' and 'Sign in to Okta to continue to the Productzero application.' At the bottom, there is a button labeled 'Continue with Okta' with the Okta logo icon.

The screenshot shows the 'Auth0 Organizations' page in the Okta Admin console. The left sidebar is identical to the previous screenshot. The main content area features a blue header with the title 'Auth0 Organizations' and a sub-header 'Manage the organizations you do business with, and customize the experience their users have when accessing your applications.' Below this is a 'Learn More' button and a preview of the user interface showing three organizations: Agency Inc., Big Holdings Co., and Customer Co. The main section is titled 'Organizations' and includes a '+ Create Organization' button. Below the title, there is a list of organizations with columns for organization name, Organization ID, and a delete icon.

Organization Name	Organization ID	Action
D Distributer Inc.	org_a8Hw4ZP2HbpQsvUF	...
E Enterprise Corp.	org_rp1Wc08Lj3CP6YSS	...
F Federal Group	org_uqv3KuhXqPgC134E	...
General Partners	org_RjEF2YJ1kUybvrdB	...
H Holdings Ltd.	org_L6ZKk4eZqvTLKaT3	...
I International Inc.	org_WcpMrq1HnccC2yE	...

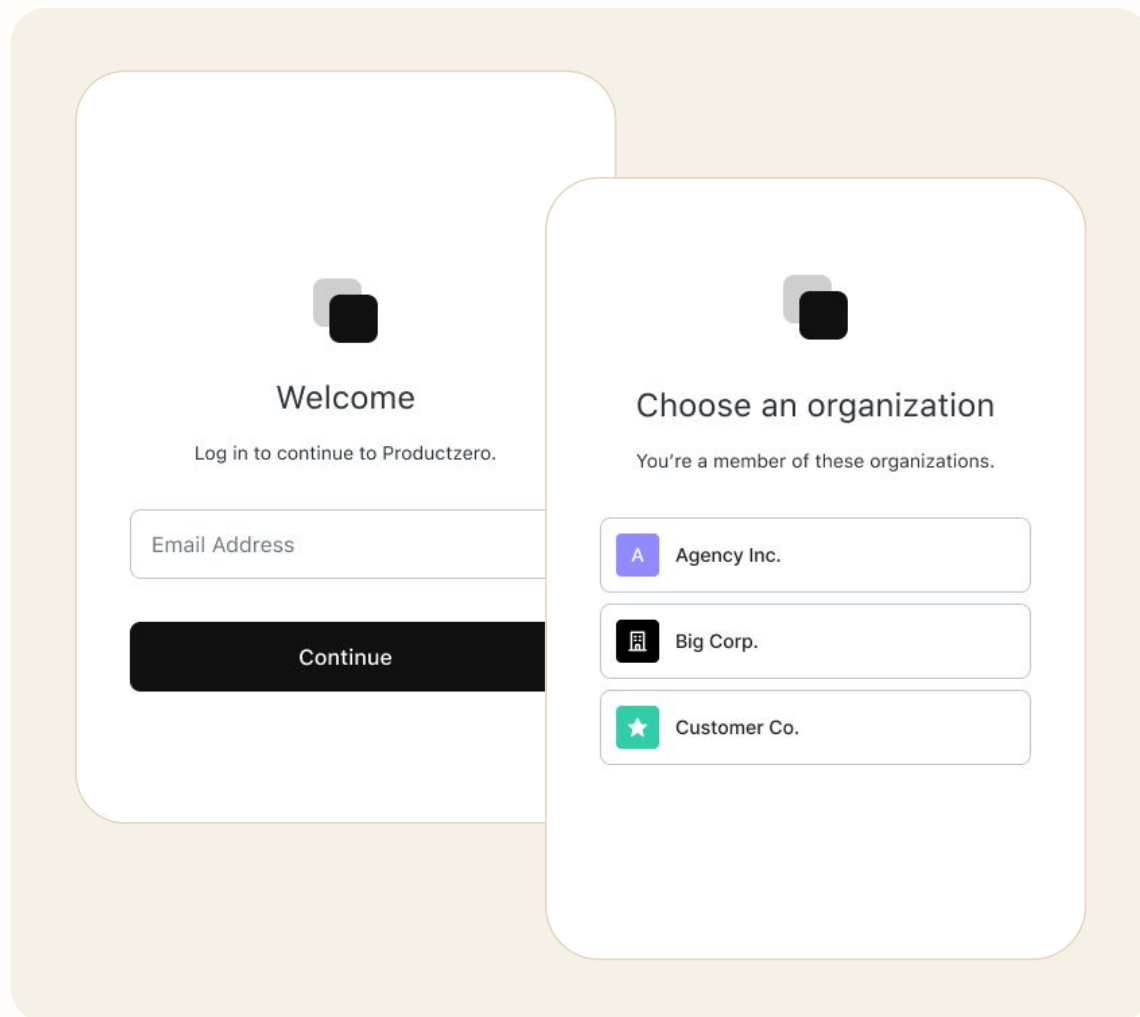


Visualizing the use case: SaaS application



Release Highlights

SaaS Identity



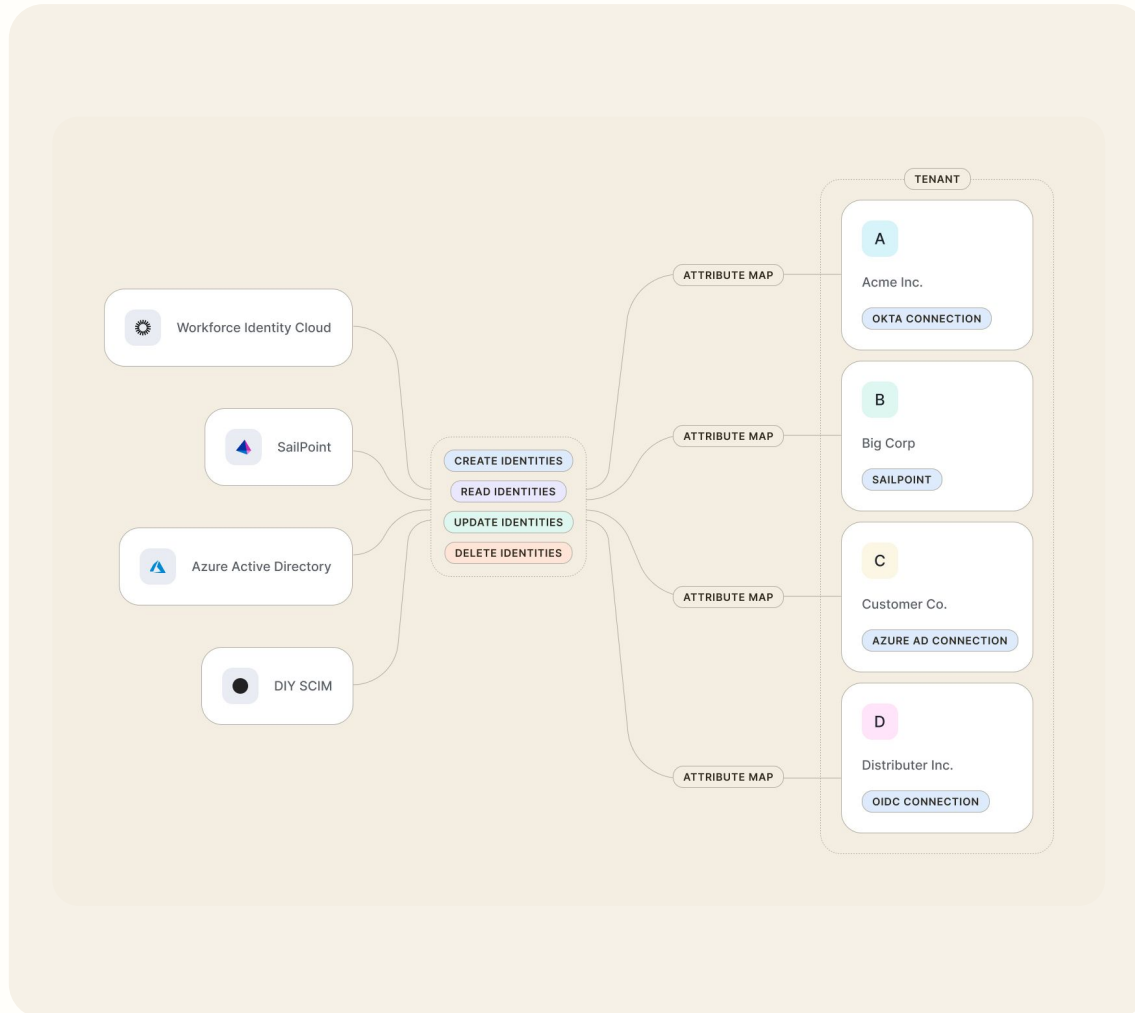
Improved login for SaaS Users

- Major improvement to login success rates and faster time-to-login for users that are logging in with Organizations
- End-users no longer need to provide an Organization name prior to logging in – just their email address
- Users who belong to multiple organizations can select one before accessing your SaaS application



What's Coming Next

SaaS Identity



Inbound SCIM

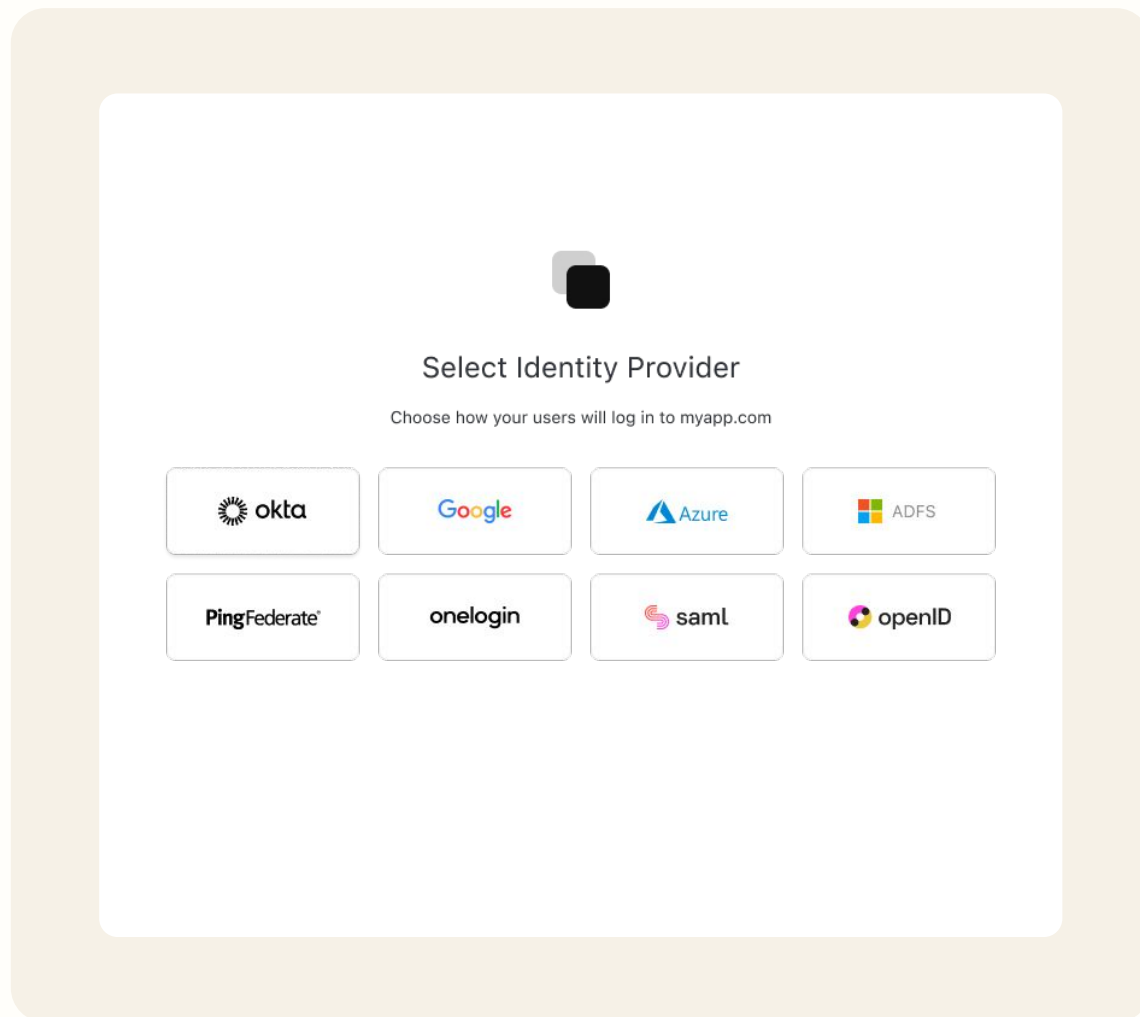
Beta

- B2B SaaS application developers can enable inbound SCIM user provisioning and de-provisioning from their customer's directories into Customer Identity Cloud
- Out-of-box support for top Workforce directory services that implement outbound SCIM, including Okta Workforce Identity Cloud and Microsoft Azure Active Directory



What's Coming Next

SaaS Identity



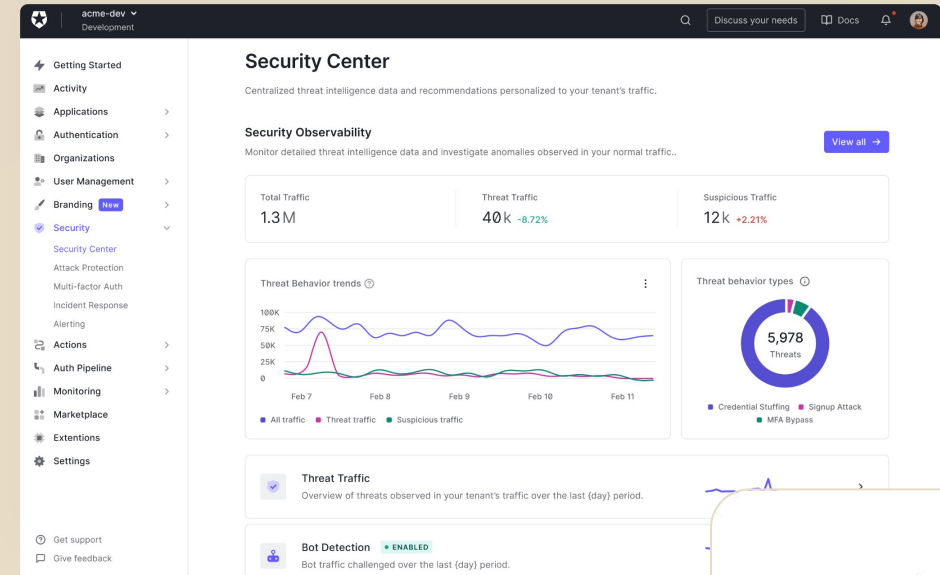
Self-Service Single Sign On

Beta

- Delegate administration to your business customers by enabling them to set up their own Single-Sign On (SSO) access to your applications
- Reduce support costs and development overhead by allowing your customers to integrate with their own Workforce Identity solution



Secure Identity



Enforce CAPTCHA ON

Block suspected bot traffic by requiring a CAPTCHA during the login process.

Choose when to require CAPTCHA

Never

Users are not required to complete a CAPTCHA to log in.

When Risky

Users are required to complete a CAPTCHA if the login is high risk.

Always

Users are always required to complete a CAPTCHA to log in.



Change Your Password

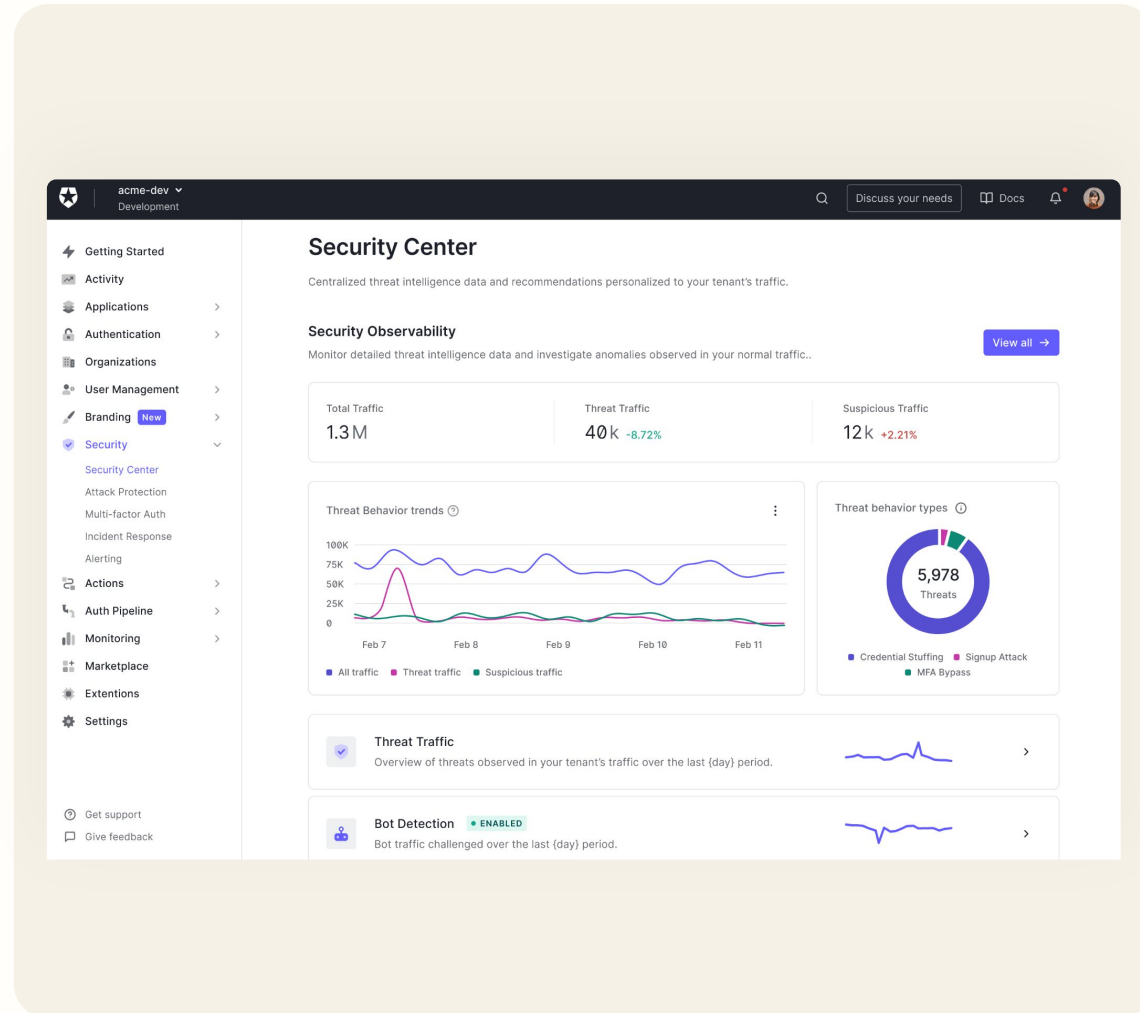
Enter a new password below to change your password.

Reset Password



Release Highlights

Secure Identity



Security Center

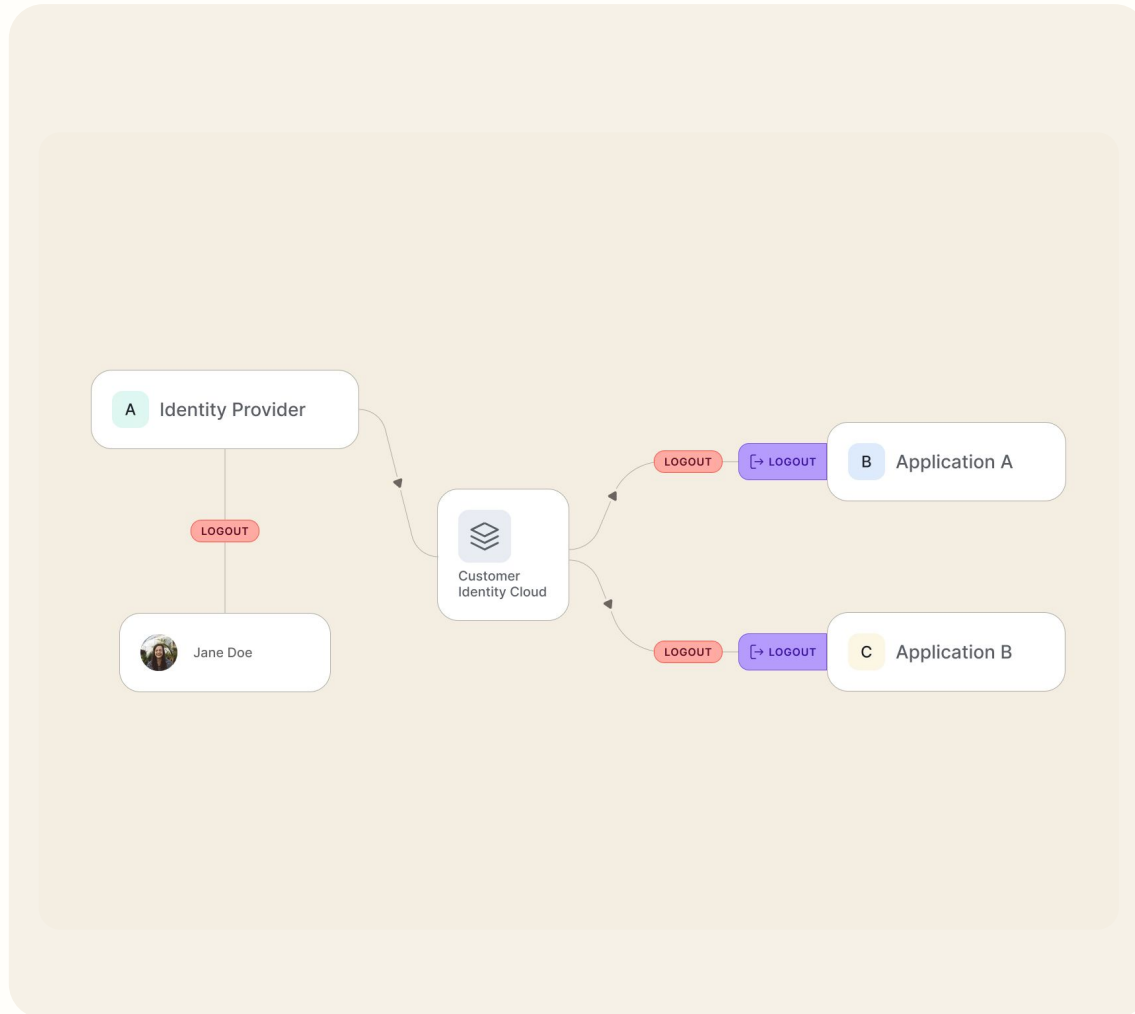
Early Access

- Security tailored to CIAM applications.
- Comprehensive dashboards, visualizations and controls that enable security professionals to respond to any suspicious activity.
- Security monitoring and data visualizations for forensics and analysis.
- Complimentary to SOC and other SECOPS tools – defense in depth



Release Highlights

Secure Identity



OIDC Back-Channel Logout

- Support for Single Logout via OIDC Back-Channel Logout
- OIN Signaling for single logout across WIC and CIC
- Leverage Back-Channel Logout to log out a user of all active sessions at once when an account is removed or credentials change



What's Coming Next

Secure Identity

The screenshot shows the 'Response' section of the Okta Admin Console. It is divided into two main sections: 'Enforce CAPTCHA for flows with passwords' and 'Enforce CAPTCHA for passwordless flows'. Both sections have a toggle switch set to 'ON'. Under each section, there are three radio button options for 'Choose when to require CAPTCHA': 'Never', 'When Risky', and 'Always'. The 'When Risky' option is selected for both sections. Below these options, there is a 'CAPTCHA Providers' section with a list of services: Simple CAPTCHA, Google reCAPTCHA v2, reCAPTCHA Enterprise, hCaptcha (selected), and Friendly Captcha. At the bottom, there are fields for 'hCaptcha Settings' (with a note about JavaScript support), 'Site Key', and 'Site Secret'.

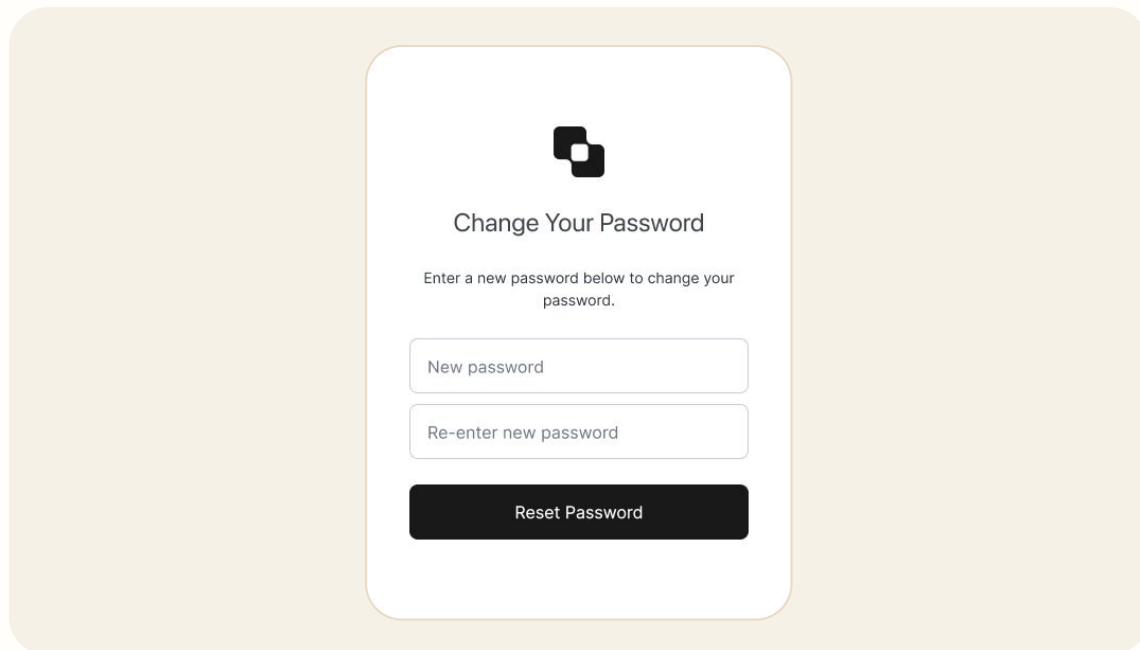
Bot Detection with 3rd party solutions and CAPTCHA providers

- Add support for additional CAPTCHA providers
- Integrate with 3rd-party bot detection solutions
- Risk Tolerance Slider for Bot Detection



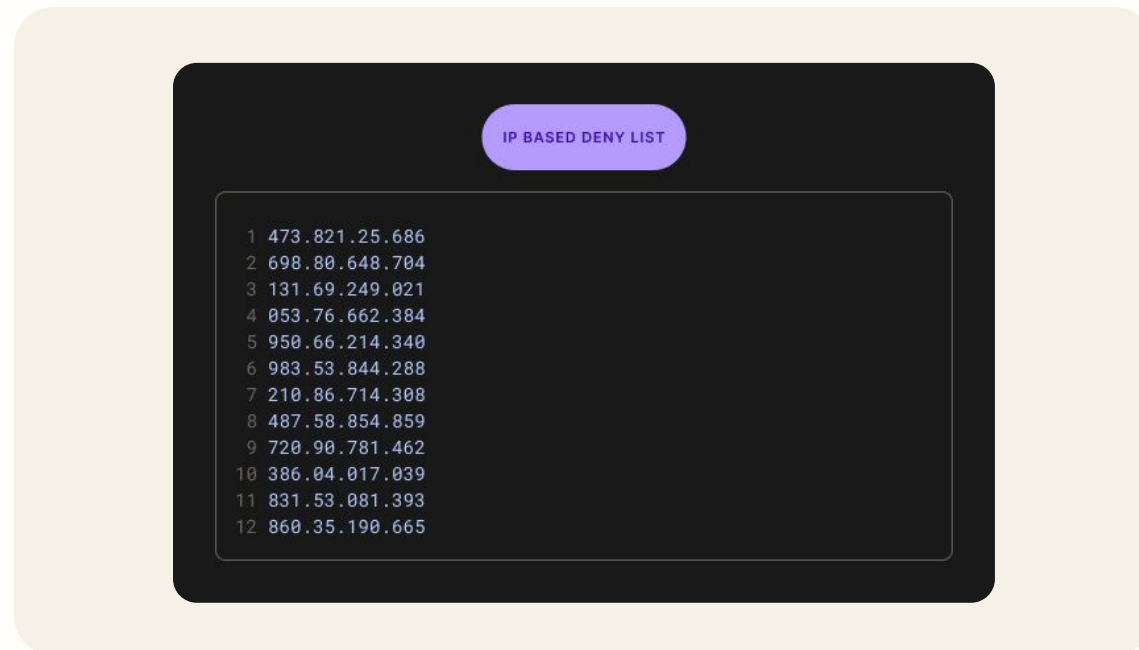
What's Coming Next

Secure Identity



Breached Password Detection for Recovery Flows

- Stop the use of known breached credential combinations during the recovery flow

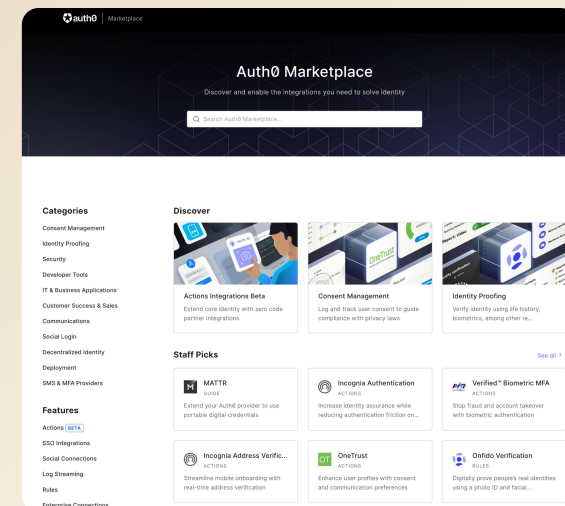
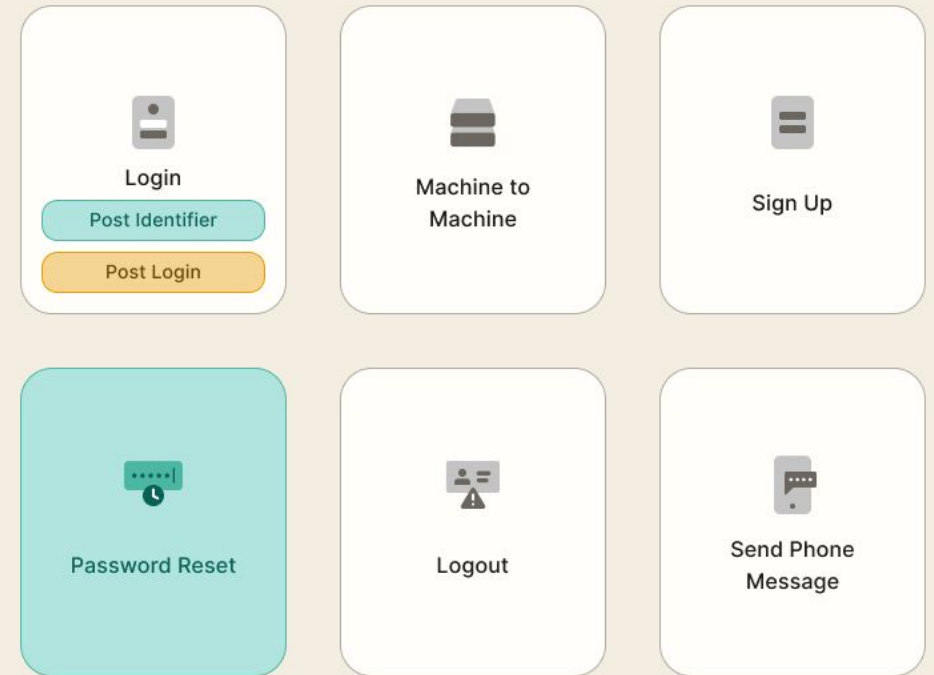


Global Denylist

- Override detection and force mitigation on specific IP addresses



Extensibility and Ecosystem



Extensibility – Marketplace

Leverage 315+ integrations (54+ no-code) directly from the Marketplace or
Build your own integration with our no-code Actions solution



Identity Proofing

Verify a user's claimed identity against their actual identity



Customer Data Platforms

Enrich customers' profiles with valuable identity data by connecting disparate data sources



Consent Management

Comply with data privacy regulations by logging and tracing user consent for compliance



Log Streaming

Ingest and monitor large amounts of Okta Customer Identity Cloud Data to keep track of activities within your tenant



SMS + MFA Providers

Enable multi-factor authentication for your applications using popular SMS providers



Web3 + Decentralized Identity

Develop applications using Web3 constructs for decentralized identity



Release Highlights

Extensibility and Ecosystem

Create Action ×

Name *

Actions on Node 18

Trigger *

Login / Post Login

Runtime *

Node 18 (Recommended)

Cancel Create

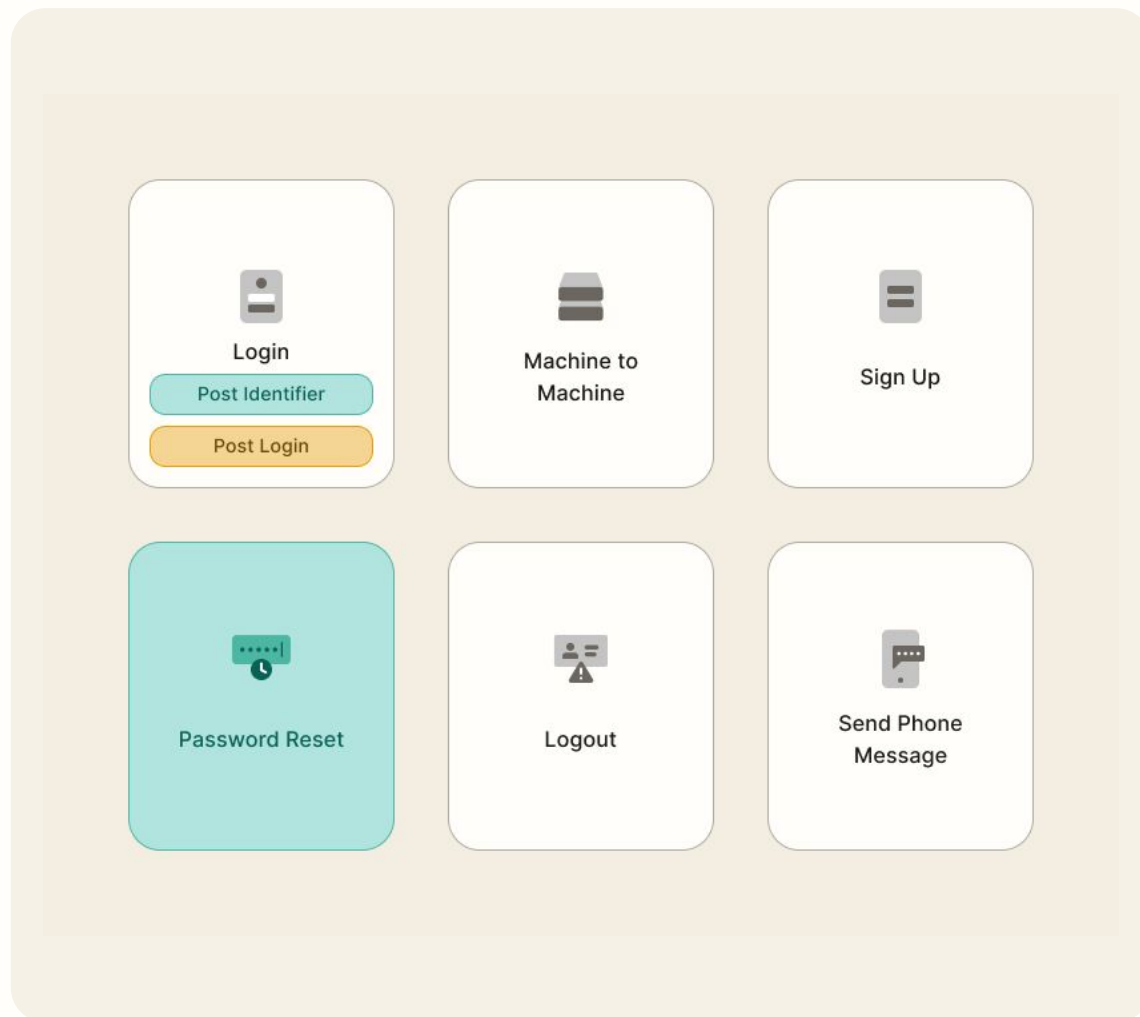
Node 18

- Leverage Node 18 Long Time Support to securely customized and extend identity needs through Actions



What's Coming Next

Extensibility and Ecosystem



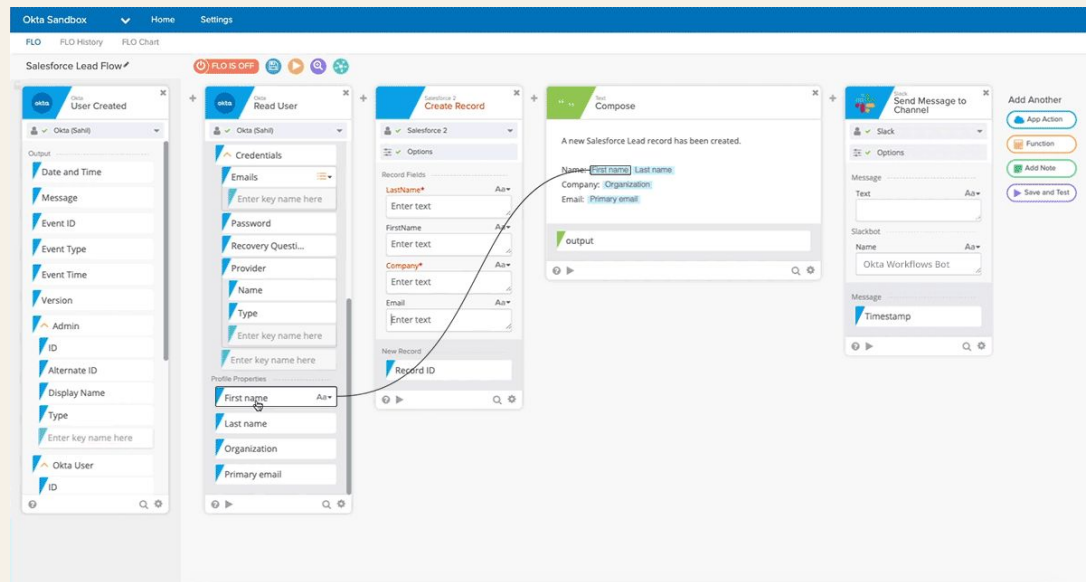
Additional Actions Flows

- **Post Identifier** – Allows for mapping of different identity types prior to login
- **Password Reset** – Allowing for additional MFA or integrations during password change requests
- **Post Login + MFA Enhancement** – Additional functionality allowing additional MFA options
- **Logout** – Allows for downstream services to take action after a session has been terminated as part of continuous authentication



What's Coming Next

Extensibility and Ecosystem



Okta Workflows Integration

- Workflows provides downstream, asynchronous orchestration of Identity across the organization
- User Provisioning is a strong feature of Workflows where based on a user's login or Action trigger, access to additional services can be enabled asynchronously



Developer Experience

← Back to Streams

New Event Stream

Event Streaming allows you to export your events in near real-time. Choose an option below to configure.

- AWS Amazon EventBridge**
Stream real-time Auth0 data to over 15 targets like AWS Lambda.
Ops automation, Event filtering
- Azure Event Grid**
A single service for routing events from any source to destination.
Ops automation, App integration
- Custom Webhook**
Specify a URL you'd like Auth0 to post events to.
Webhook
- Datadog**
Build interactive dashboards and get alerted on critical issues.
Monitoring, Alerting
- Splunk**
Monitor real-time logs and display log analytics.
Visualization, Analytics
- Segment**
Collect, unify and route customer data into any system
Analytics, App integration
- Mixpanel**
Monitor product analytics to help convert, engage, and retain more users
Visualization, Analytics

Quarterly Snapshot

July 1st - September 30th 2022

Easy and secure access keeps customers loyal to your business. See your highlights from the past three months.

Your Plan Usage

Monthly Active Users - External	35,352 of Unlimited
Active Enterprise Connections	1,432 of 5,000 Used
Machine to Machine Tokens	84 of 500 Used

Identity Landscape

New user sign ups we've authenticated in the last quarter	23,462
Number of users that haven't authenticated in the last quarter	2,004

Janice Pena
janice.pena@gmail.com

Theme System (beta)

Your profile

Log out

Theme Preferences

Choose how Auth0 looks to you. Select a theme, or sync with your system and automatically switch between dark and light themes.

Theme Mode

- System BETA**
This theme will select the light or dark theme based on your system settings.
- Light**
The original Auth0 light theme.
- Dark BETA**
The dark theme is a variant of the original light theme using a darker base to help reduce eye strain.



Release Highlights

Developer Experience

The screenshot displays the Okta Management API Explorer interface. On the left is a navigation menu with categories like Introduction, Actions, Admin, Anomaly, Attack-protection, Blacklists, Branding, Client-grants, Clients, Connections, Custom-domains, Device-credentials, Email-templates, Emails, Grants, Guardian, Hooks, Jobs, Keys, Log-streams, Logs, Organizations, Prompts, Resource-servers, Roles, Rules, Rules-configs, and Stats. The main content area is titled 'Get a user' and includes a 'Set API Token' button. Below the title, it says 'Retrieve user details. A list of fields to include or exclude may also be specified.' The endpoint is listed as 'GET /api/v2/users/{id}'. There are sections for 'SCOPES' (READ:USERS, READ:CURRENT_USER, READ:USER_IDP_TOKENS), 'PATH PARAMETERS' (path: id), 'QUERY PARAMETERS', 'RESPONSE SCHEMAS', and 'RESPONSE MESSAGES'. The response messages section shows several status codes and their descriptions: 200 (User successfully retrieved), 400 (Invalid request query string), 401 (Invalid signature received for JSON Web Token validation), 403 (Insufficient scope), 404 (User not found), and 429 (Too many requests). An interactive sandbox is overlaid on the right, showing a code editor with Python code for a GET request to the endpoint, a dropdown menu for selecting programming languages (Python is selected), and a 'Test Endpoint' button.

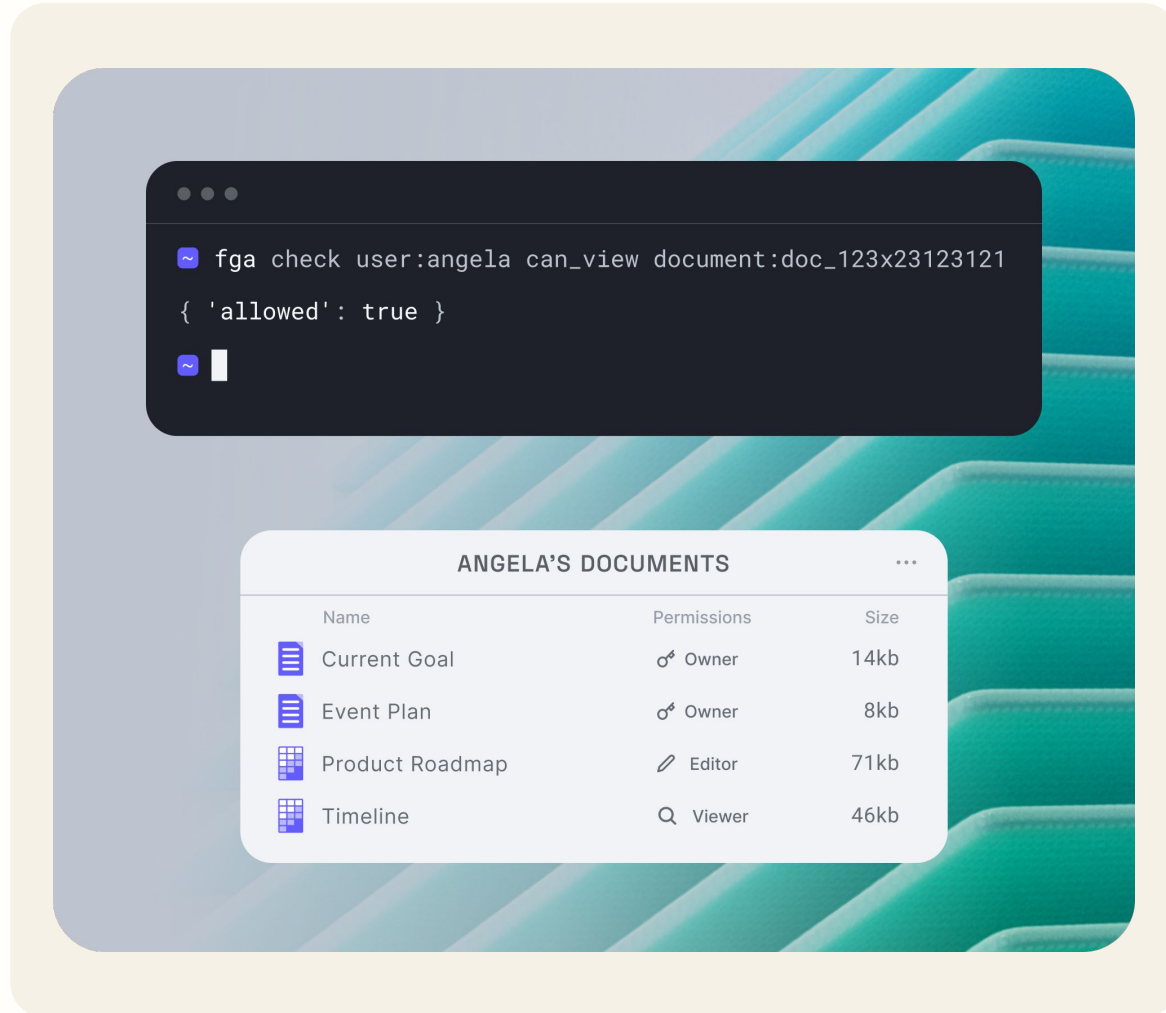
Management API Explorer

- Introduces an interactive sandbox, supporting a choice of programming languages
- Provides easier navigation for finding parameters, values and other options for each endpoint



What's Coming Next

Fine Grained Authorization



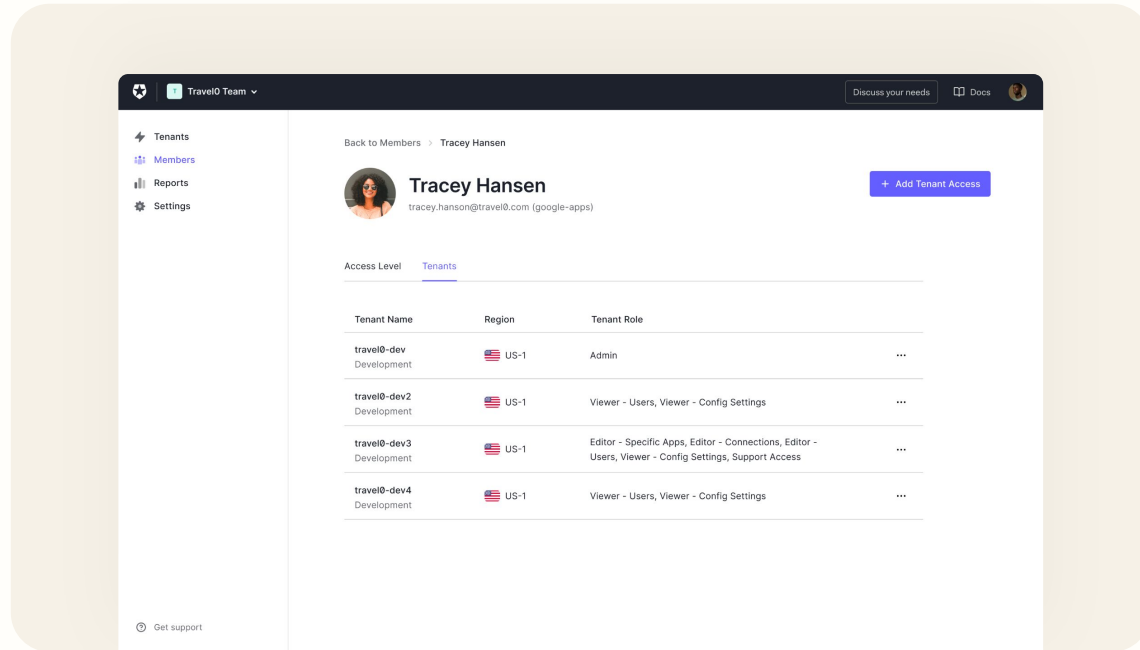
Auth0 FGA Enhancements

- Accelerate development and testing with the Auth0 FGA Command Line Interface
- Expanded programming language support with Java, Ruby and Rust SDKs
- Additional support for ABAC-style authorization policies



What's Coming Next

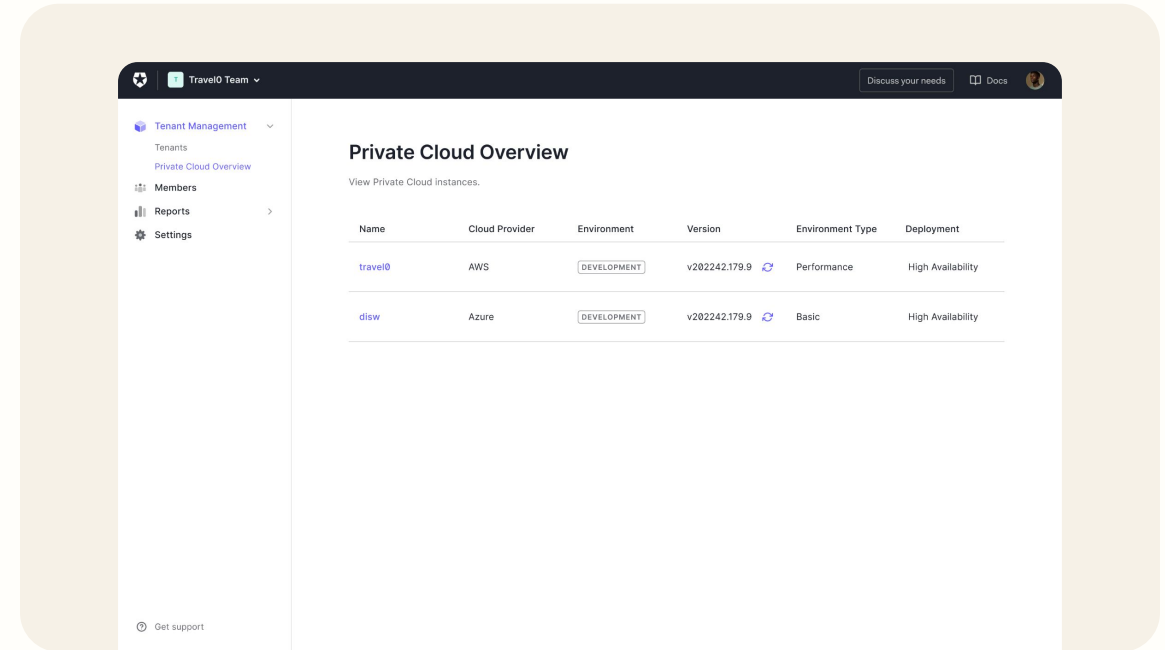
Developer Experience



Teams – Centralized Management

Early Access

- **Centrally manage tenant membership** for Team members from a single location
- View all tenant and roles Team members have access to
- Add or remove access to multiple tenants for a Team Member



Teams – Private Cloud support

Early Access

- Single point of access and control for all tenants, including tenants within private spaces
- Provides a high level overview for Private space details



Here's What We Covered...

Consumer Identity

Features to drive consumer growth by increasing conversions and reducing friction

SaaS Identity

Technology to achieve growth efficiently by modelling identity for business customers and their end users

Secure Identity

Tools to build trust and reduce risk by limiting the impact of fraud and abuse

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