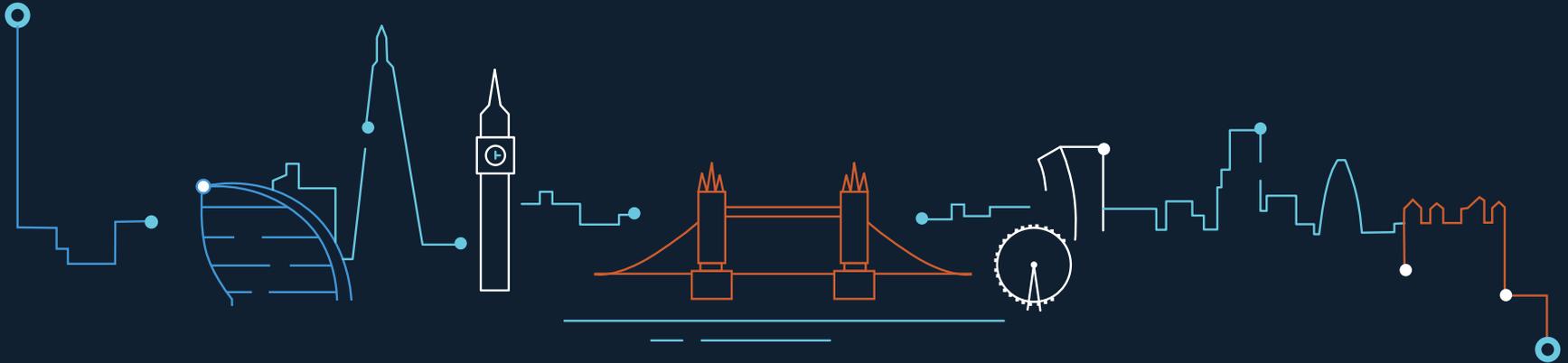


okta

FORUM

Lifecycle Management: Conquer the Extended Enterprise

TEJU SHYAMSUNDAR, SR. PRODUCT MARKETING MANAGER, SECURITY, OKTA





TEJU SHYAMSUNDAR

Senior Product Marketing Manager, Security,
Okta



Disclaimer

This presentation contains “forward-looking statements” within the meaning of the “safe harbor” provisions of the Private Securities Litigation Reform Act of 1995, which may include, but are not limited to, statements regarding our financial outlook, product development and market positioning. 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 or the negative of these terms and similar expressions are intended to identify these forward-looking statements. Forward-looking statements are subject to a number of risks and uncertainties, many of which involve factors or circumstances that beyond Okta’s Control.

The market for our products may develop more slowly than expected or than it has in the past; quarterly and annual operating results may fluctuate more than expected variations related to our revenue recognition may cause significant fluctuations in our results of operations and cash flows; assertions by third parties that we violate their intellectual property rights could substantially harm our business; a network or data or our security incident that allows unauthorized access to our network or data or our customers data could harm our reputation, create additional liability and adversely impact our financial results; the risk of interruptions or performance problems, including a service outage, associated with our technology; we face intense competition in our market, weakened global economic conditions may adversely affect our industry; the risk of losing key employees; changes in foreign exchange rates; general political or destabilizing events, including war, conflict or acts of terrorism; and other risk and uncertainties. Past performance is not necessarily indicative of future results.

Further information on potential factors that could affect our financial results is included in our Annual report on form 10-K for the year ended January 31, 2018 and other filings or reports filed with the securities and exchange commission that are posted at investor.okta.com

Any unreleased products, features or functionality referenced in this other presentations, press releases or public statements are not currently available and may not be deliver any product, feature or functionality. Customers who purchase our products should make their purchase decisions based upon features that are currently generally available.

The forward-looking statements contained in this presentation represent the company’s estimates and assumptions only as of the date of this presentation. Okta assumes no obligation and does not intend to update these forward-looking statements whether as a result of new information, future events or otherwise.

This presentation contains estimates and other statistical data that we obtained from industry publications and reports generated by third parties. These data involve a number of assumptions and limitations, and you are cautioned not to give undue weight to such estimates. Okta cannot guarantee their accuracy or completeness.

Expectations, estimates, forecasts and projections are subject to a high degree of uncertainty and risk. Many factors, including these that are beyond Okta’s control, could cause results or outcomes to differ materially from those expressed in the estimates made by the independent parties and by Okta.



Modernization is Hard, We All Have Identity Debt

Today

Future



- Aging technologies
- Many identity silos
- Manual processes
- Compliance risks
- Integration maintenance



Modernize with Lifecycle Management

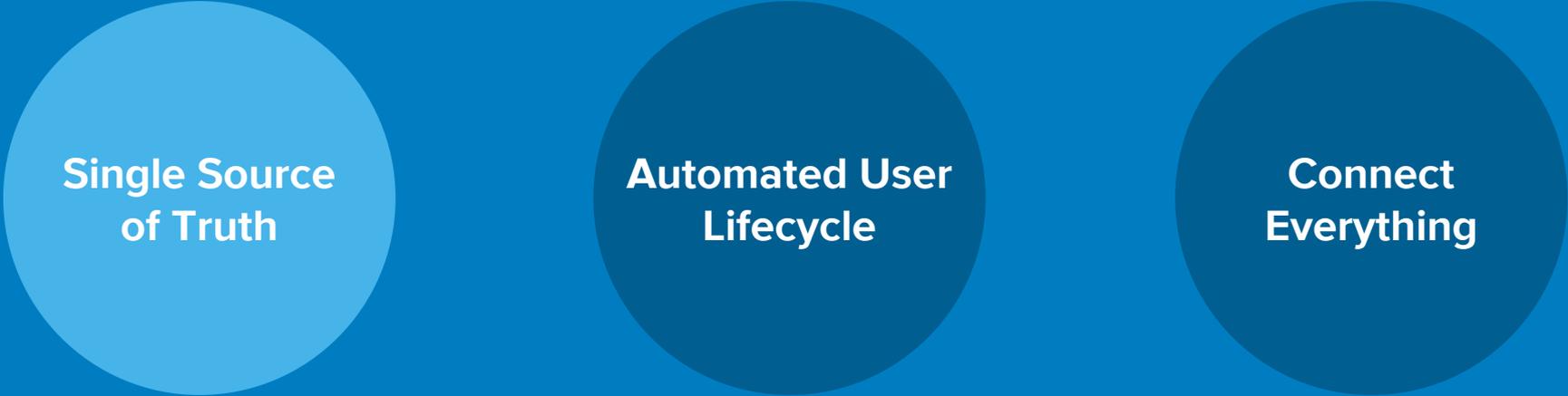
**Single Source
of Truth**

**Automated User
Lifecycle**

**Connect
Everything**

For ANY Identity:
Employee, Contractor, Partner, Customer





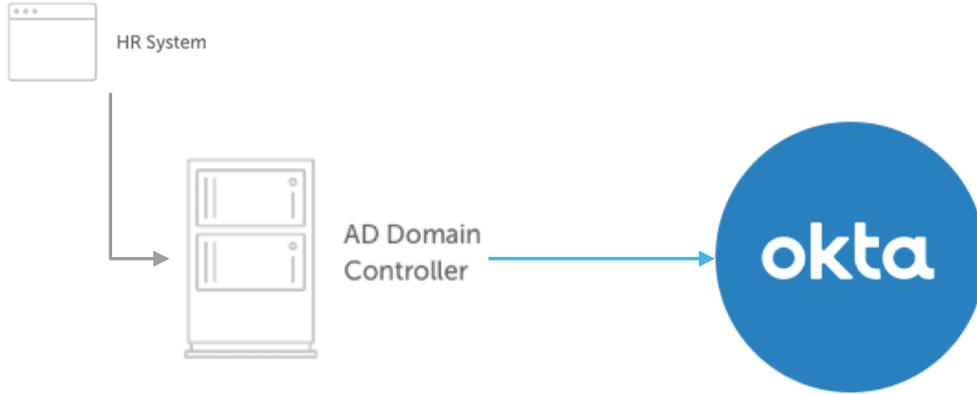
**Single Source
of Truth**

**Automated User
Lifecycle**

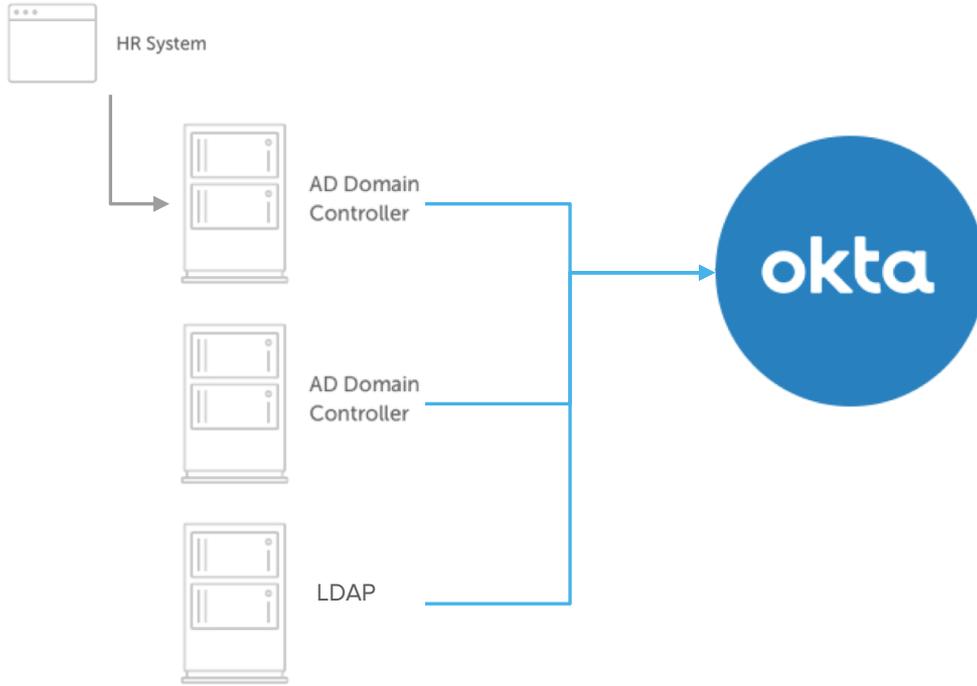
**Connect
Everything**



Single Source of Truth



Single Source of Truth



Single Source of Truth



Single Source of Truth

Add Person

First name

Last name

Username

Primary email

Secondary email (optional)

Groups (optional)

T-shirt Size

Password

User must change password on first login



Profile
Groups
Credential

okta

Create Account

* Indicates required field

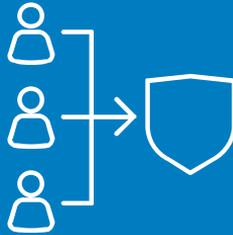
[Back to Sign In](#)



Vision: Single Source of Truth



Connect to Any
System of Record



Simple Identity
Sync



Cloud Directory for
Any Identity



Continued Investment in Large Scale Identity Sync

Coming Soon

- Clear import queue
- Advanced matching rules
- Unique identifier generation

User Creation & Matching

Imported user is an exact match to Okta user if

- Okta username format matches
- Email matches
- The following attributes match...

`workday.EmpID == user.EmployeeID`

Allow partial matches

- Partial match on first and last name

Confirm matched users

- Auto-confirm exact matches
- Auto-confirm partial matches

Confirm new users

- Auto-confirm new users
- Auto-activate new users

Complete Onboarding Workflows

1

Source

2

Credential

3

Approval

4

Activation

Employee

Source from HR → Establish Password → Activate on Day 1

Contractor or
Contingent
Worker

Sponsor Creates Account → Establish Password → Activate

Partner

User Self Registration → Approval or Verification → Activate



Self Service Registration

Self-Service Registration

Registration Cancel

ACCOUNT

Self-service registration: Enabled

Assign to group: Coaches

A user's group memberships determine which password policy applies. [Go to password policies](#)

REGISTRATION FORM

These are the fields the user will see when registering.

Login field form label: Username

Password field form label: Password

Field	Form label	Required
email	Email	<input checked="" type="checkbox"/>
firstName	First name	<input checked="" type="checkbox"/>



Create Account

george.kwon@okta.com

Password *

First name *

Last name *

Phone number

Zip code

* indicates required field

Register

[Back to Sign In](#)



Future Roadmap: Approval Steps During Registration



- Email whitelists
- Approvals for Registration
- Extensibility and callouts to support verification

User Registers

1

Check email domain?

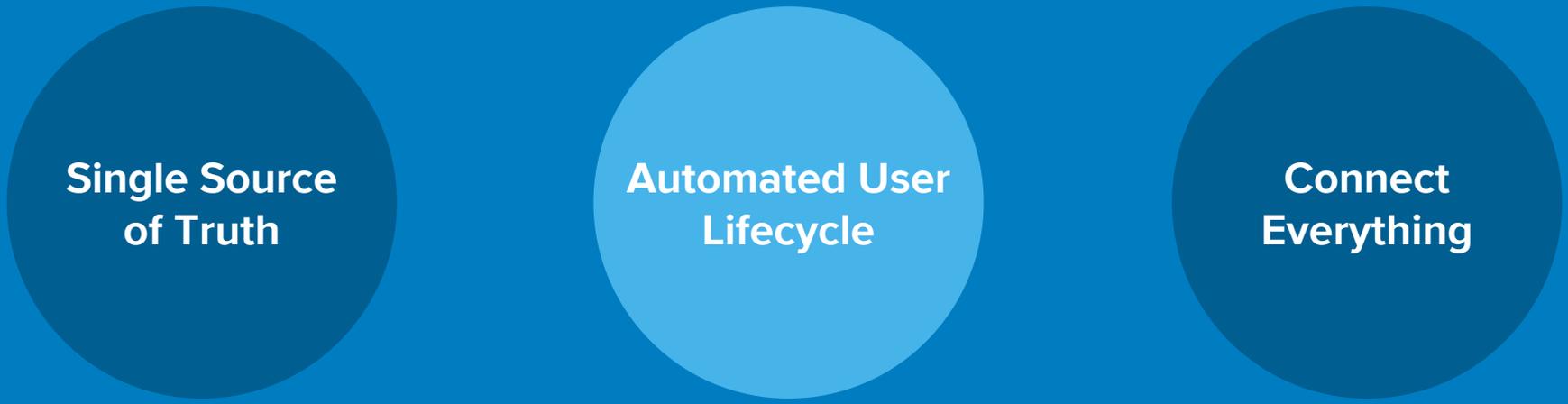
2

Verify relationship
record

3

Approval Required

Active User



**Single Source
of Truth**

**Automated User
Lifecycle**

**Connect
Everything**



Managing the Lifecycle of an Identity is Complex



1



Assign Resources

- Core Groups, Policies
- Birthright access
- Self Service Request

2



Suspend

- Contract end
- Inactivity
- Security event
- HR/Directory States

3

Identity Context

4



Renew Access

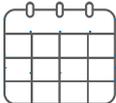
- User self-service
- Manager/Sponsor
- HR/Directory States

5



Offboard

- Time or Date
- Manager/Sponsor
- HR/Directory States



Establish Identity

- From AD or LDAP
- From HR
- Self Service Registration
- Admin workflow



Self Service Workflows to Empower End Users and Delegate Decision Making



Allow Bob Lahblah to access Box Instance Name?
blahblah@infinitech.com • Box

Box User Attributes & Entitlements
Username: blahblah@infinitech.com
Role:
Folder permissions:

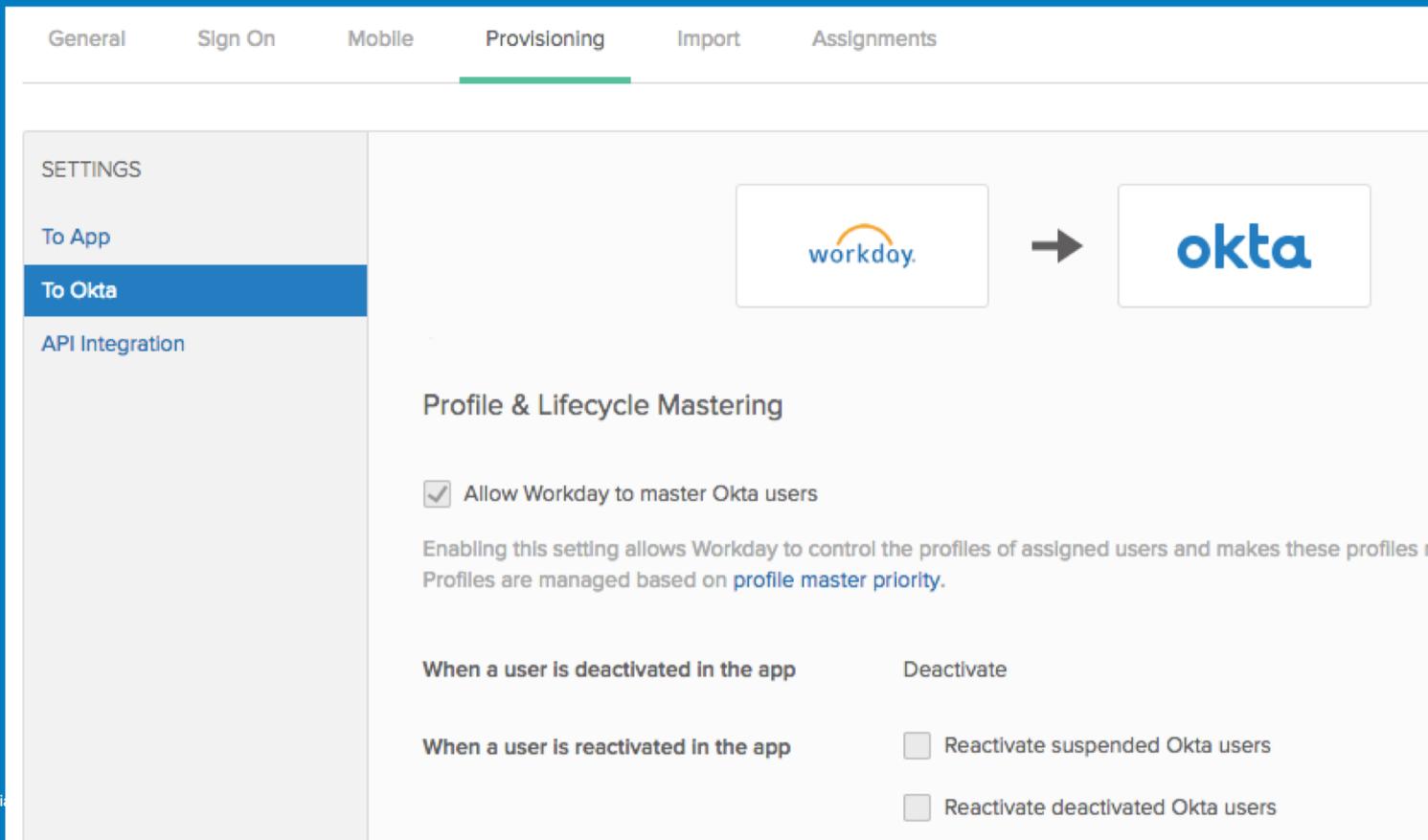
Request History

-  **Bob Lahblah requested 3 hrs ago** - I need some cloud storage ASAP! Lorem ipsum dolor quick brown fox jumped over the lazy wizard.
-  **Saul Bass approved 1 hr ago** - Bob has file storage needs, let's get him this appl
-  **Dieter Rams approved 12 min ago**

Approval Action



Offboard Users Based on HR Lifecycle State Mapping



The screenshot shows the Okta Provisioning settings for an application. The 'Provisioning' tab is selected. The left sidebar shows 'SETTINGS' with 'To Okta' highlighted. The main content area shows the 'workday.' logo pointing to the 'okta' logo. Below this is the 'Profile & Lifecycle Mastering' section, which includes a checked checkbox for 'Allow Workday to master Okta users' and a descriptive paragraph. At the bottom, there are two rows of settings for user lifecycle events: 'When a user is deactivated in the app' set to 'Deactivate', and 'When a user is reactivated in the app' with two unchecked checkboxes for 'Reactivate suspended Okta users' and 'Reactivate deactivated Okta users'.

General Sign On Mobile **Provisioning** Import Assignments

SETTINGS

To App

To Okta

API Integration

workday. → okta

Profile & Lifecycle Mastering

Allow Workday to master Okta users

Enabling this setting allows Workday to control the profiles of assigned users and makes these profiles master. Profiles are managed based on [profile master priority](#).

When a user is deactivated in the app Deactivate

When a user is reactivated in the app

- Reactivate suspended Okta users
- Reactivate deactivated Okta users

The Next Evolution of Rules → Triggers and Actions

G. Kwon · gkwon Help and Support Sign out

okta

Dashboard

Directory

Applications

Devices

Security

Reports

Settings

My Applications ↕

[← Back to all Automations](#)

Active ▾

✕ Delete

Inactivity based suspension

? When the following conditions are all true

+ Add Condition

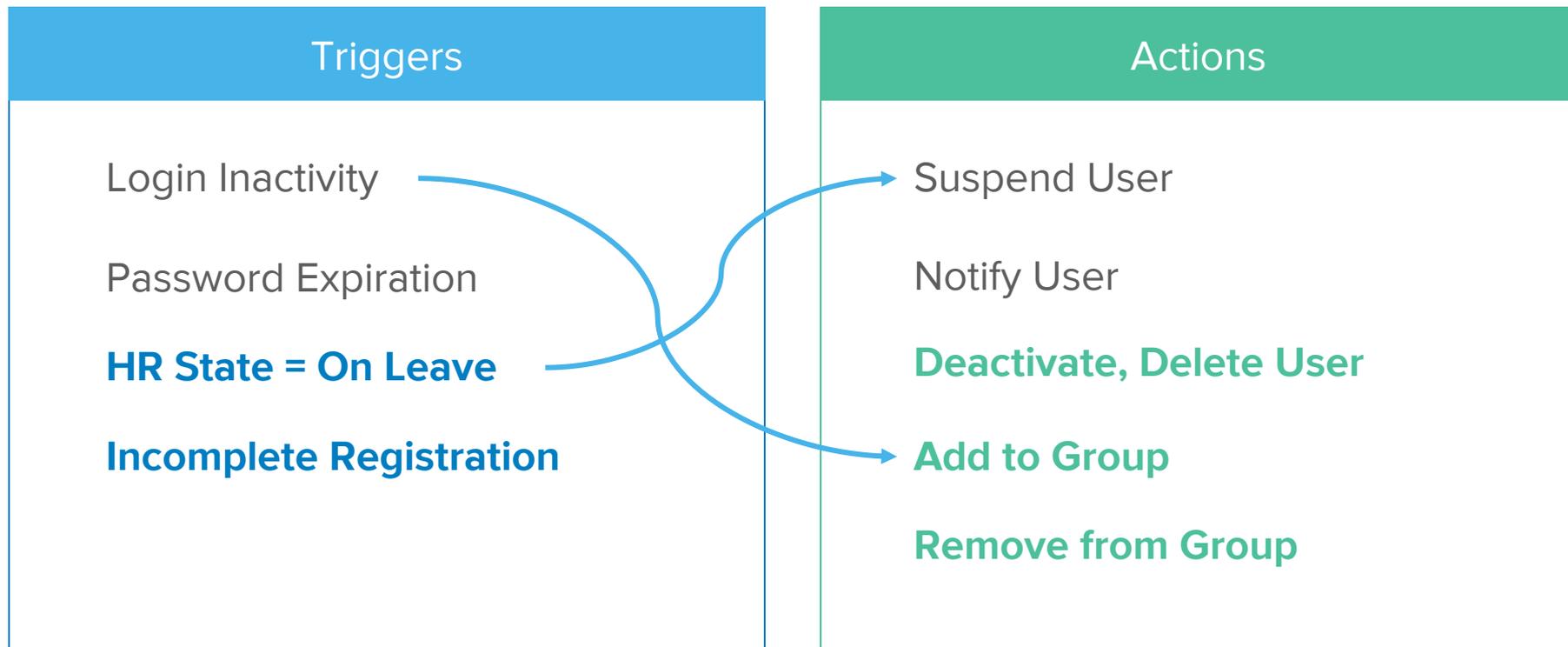
Name	
 User group membership - Everyone	
 Recurring schedule - Daily at 3:30 pm PDT	
 User inactive for 30 days	

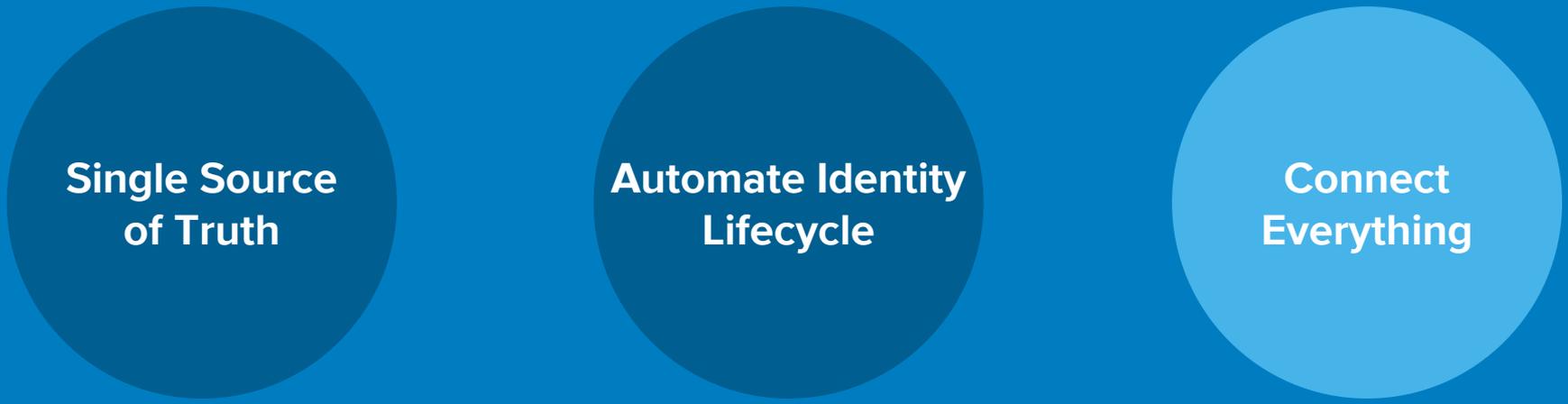
▶ Perform the following actions

+ Add Action

Name	
 Change user lifecycle state to "Suspended"	

Roadmap of Triggers and Actions





**Single Source
of Truth**

**Automate Identity
Lifecycle**

**Connect
Everything**



Connect Apps and Workflows to Identity

HR

Apps

servicenow

Directories

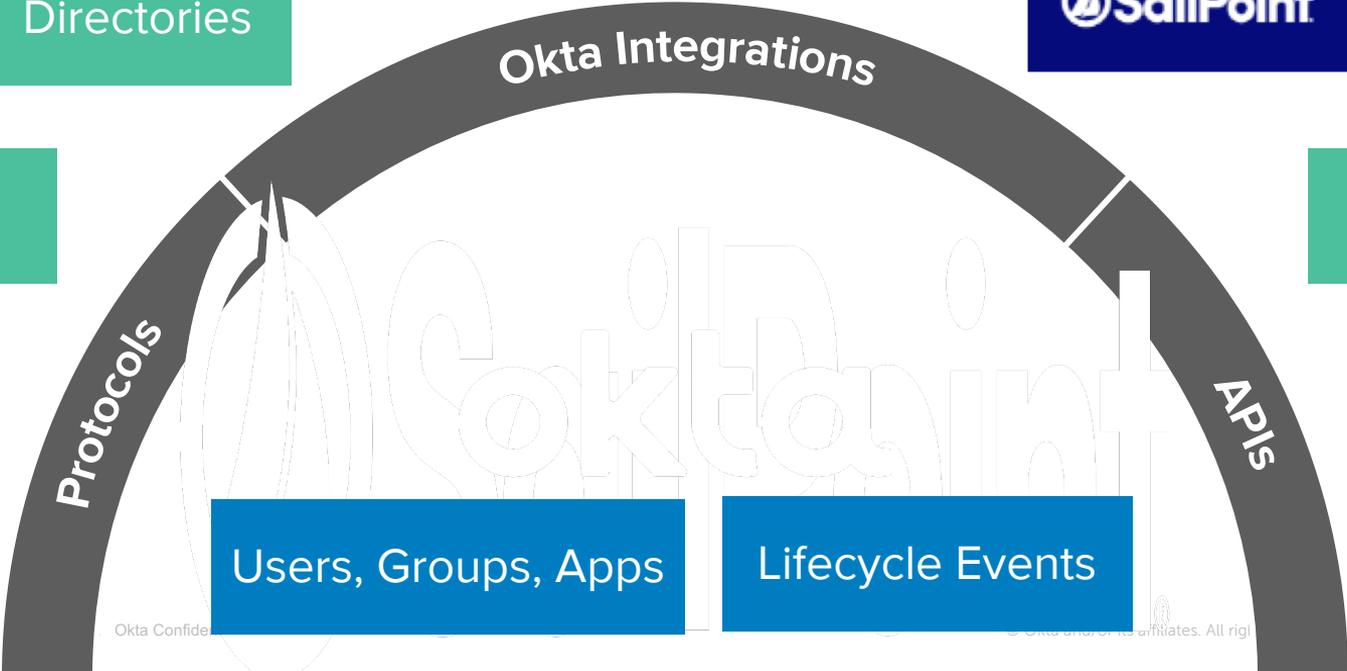
SailPoint

SCIM

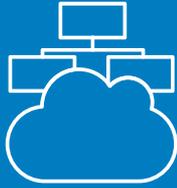
Events

LDAP

UD APIs



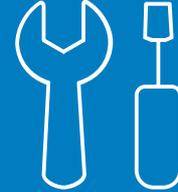
Vision: Connect Everything



Standards Based
Provisioning



Best of Breed
Integrations



Developer
Extensibility and APIs



Provisioning To Internal Apps via SCIM

← Back to Applications

My Custom SCIM app

Active [View Logs](#)

General Sign On Mobile **Provisioning** Import Assignments

SETTINGS

API Integration

Scim Connection [Edit](#)

SCIM version 2.0

SCIM connector base URL

Unique identifier field for users

Supported provisioning actions

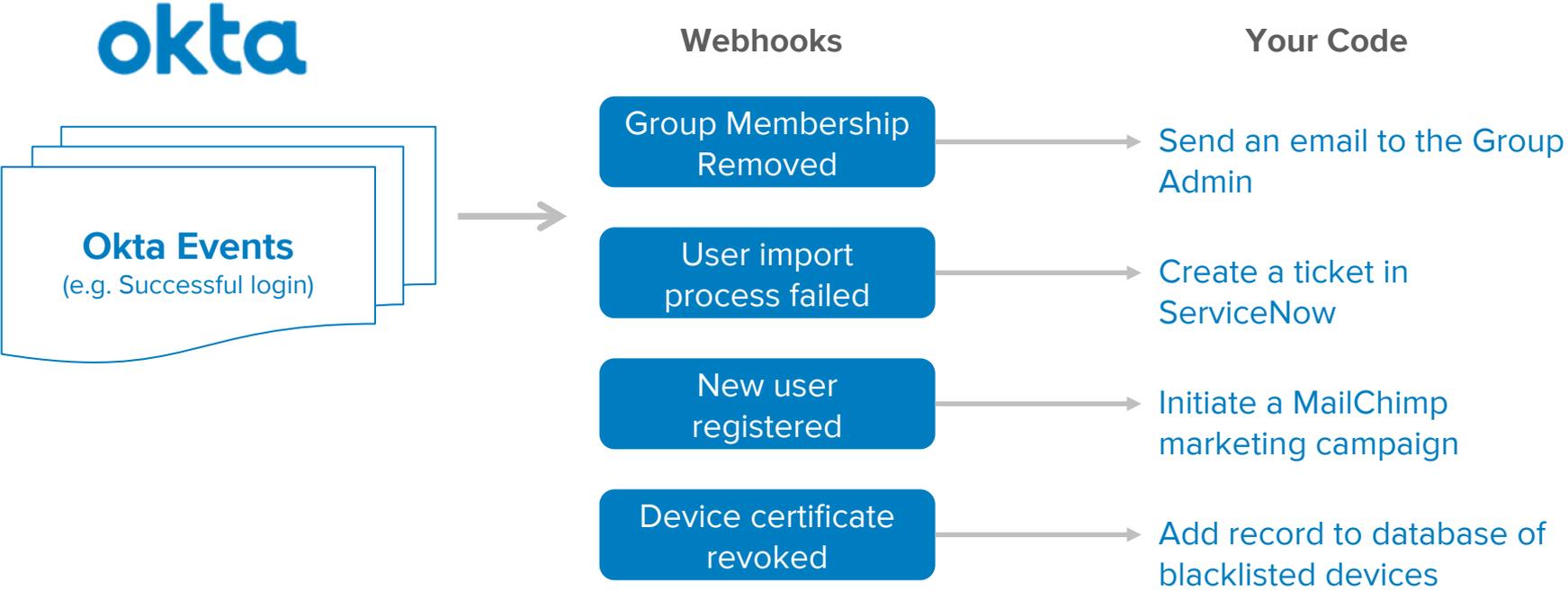
- Import New Users
- Import Profile Updates
- Push New Users
- Push Profile Updates

Authentication Mode Basic Auth

BASIC AUTH



Extensibility: Webhooks Support

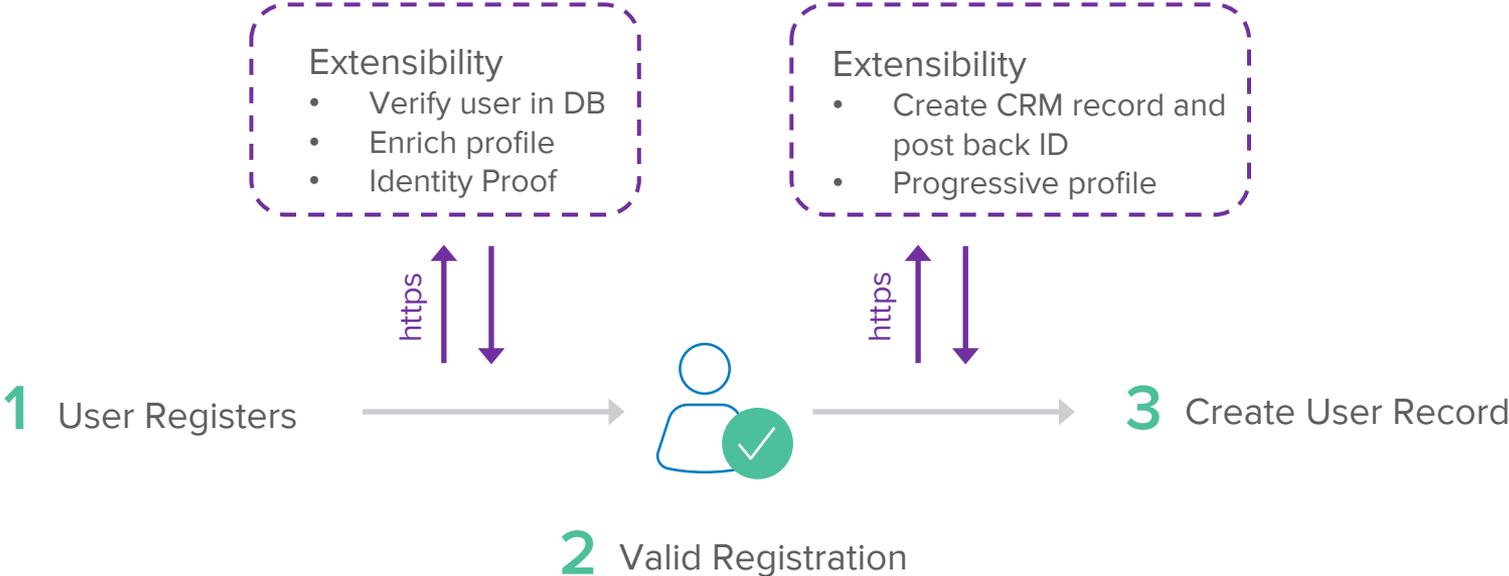


Register for specific events
Okta will HTTP POST to your server

Add your own logic to complete
downstream workflows



Extensibility: Extending the Registration Pipeline



**Single Source
of Truth**

**Automated User
Lifecycle**

**Connect
Everything**

For ANY Identity:
Employee, Contractor, Partner, Customer





Thank You

