

I AM SPARTACUS

Making sense of IDCS

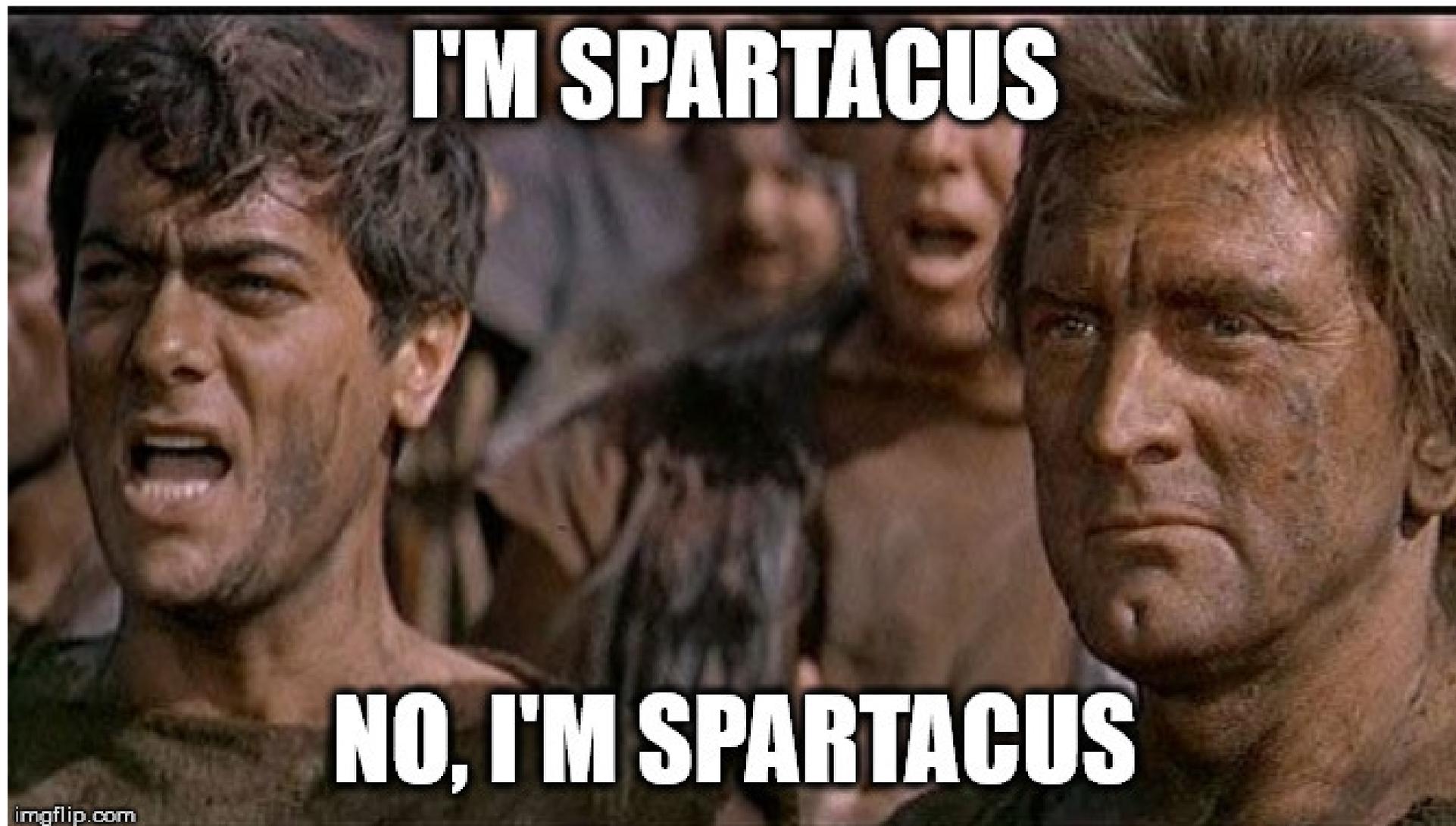


Tech Days 2020 Milan 29.01.2020 Rome 31.01.2020

Christian Berg

- Oracle ACE Director Business Analytics
- Oracle Analytics since 2001
- Speaker at OpenWorld, KScope, User Groups and open-source conferences
- Blogger on Analytics, BI, Data Science <http://dimensionality.ch>
- Telegram/IRC #obihackers moderator
- ODC and OCCO community advocate
- Trainer for Oracle University since 2006





I'M SPARTACUS

NO, I'M SPARTACUS

I'm a user, but where do I come from?

ORACLE Analytics

Home

Search Everything

Projects and Reports Data Recent Data Sets Favorite Projects

Customer Segment
Small Business

City, Profit

City Profit -6K 20K

Sample Project

fruit

EU referendum

UFO Sightings

Halloween Candy

ORACLE Analytics

Christian Berg

My Profile Privacy Shared Links

User Name christian.berg@dimensionality.ch

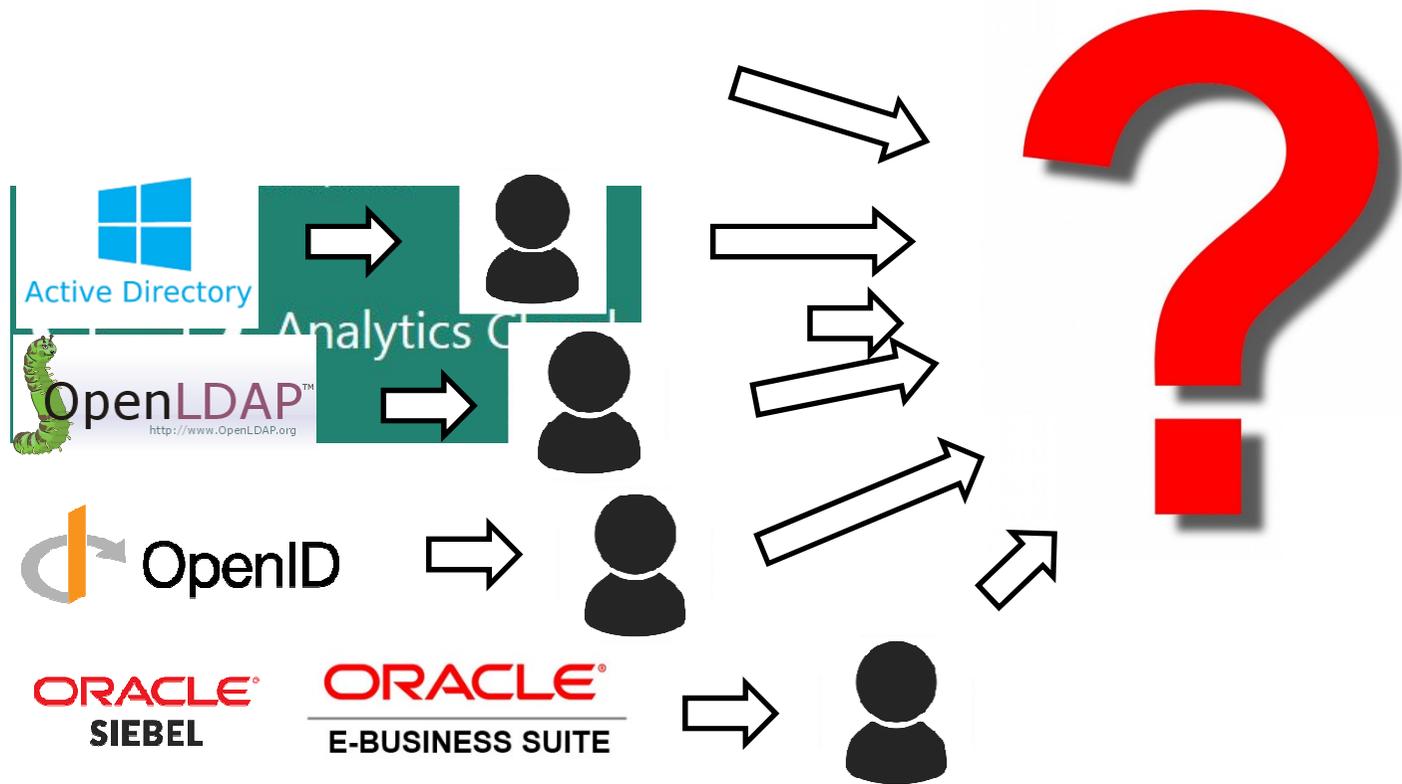
* First Name Christian

* Last Name Berg

Display Name Christian Berg

A red arrow points from a small profile icon in the top right corner to the larger profile card on the left side of the page.

I'm a user, but where do I come from?



IDCS

Welcome christian.berg@dimensionality.ch

Here's what you can do:

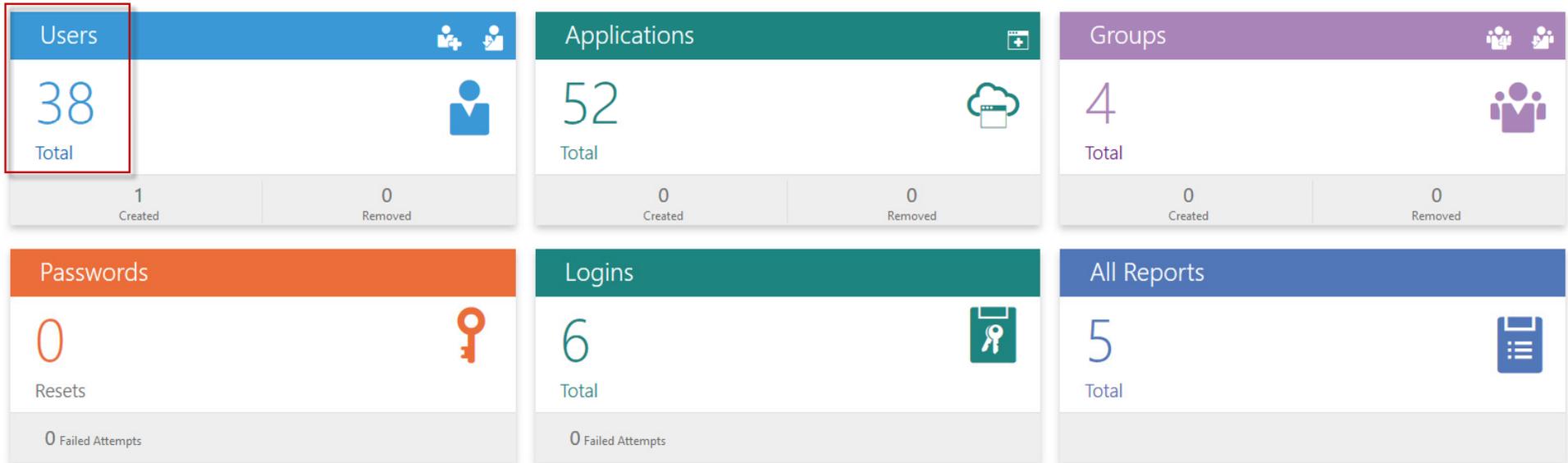
- Onboarding Users and Groups
- Onboarding Applications
- Auditing the System, Users, and Groups
- Managing Security Settings
- Performing Self-Service Diagnostics
- Customizing the Service
- Performing End-User Self Service

Watch the Video

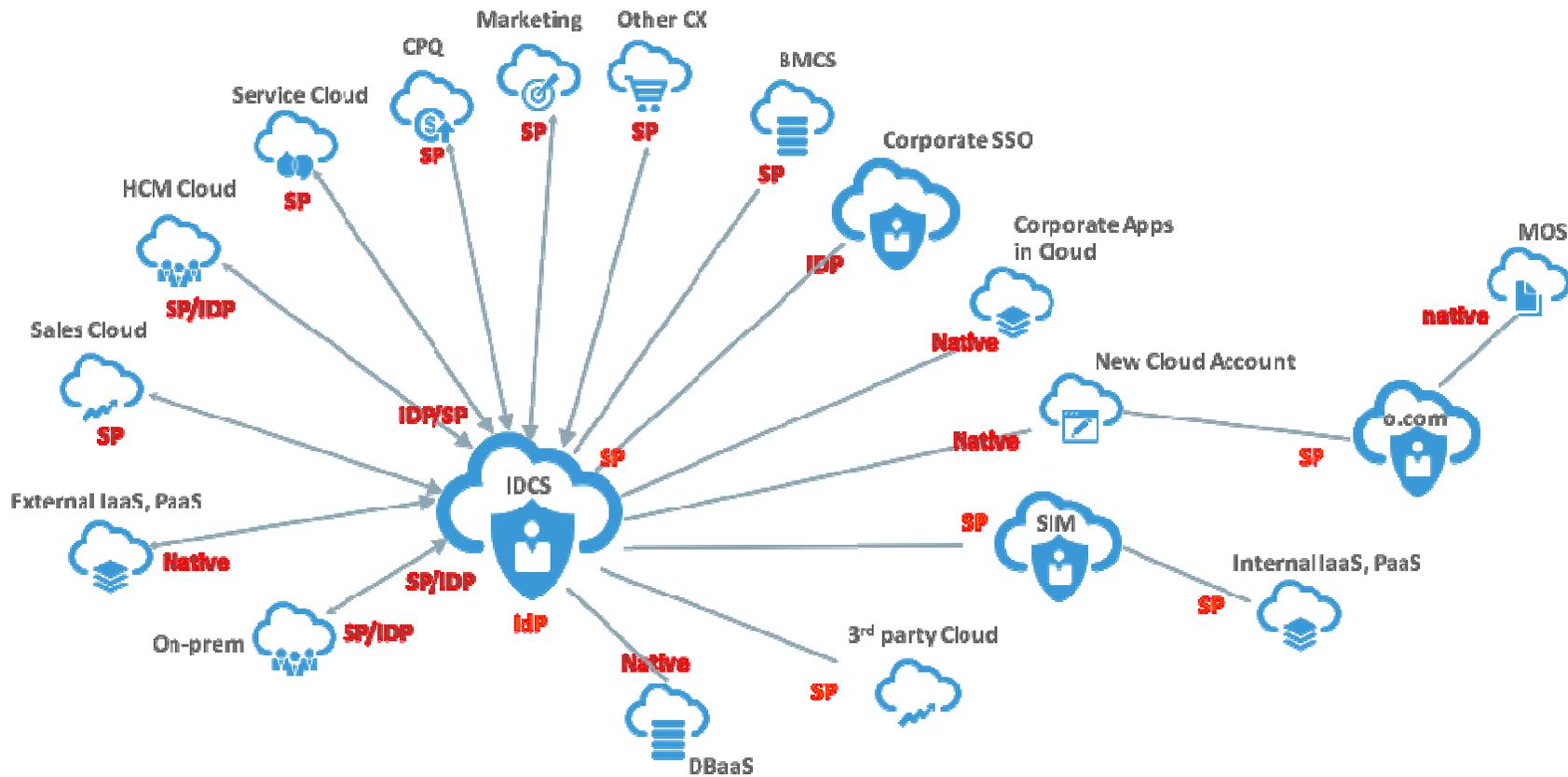
Learn More

What's New

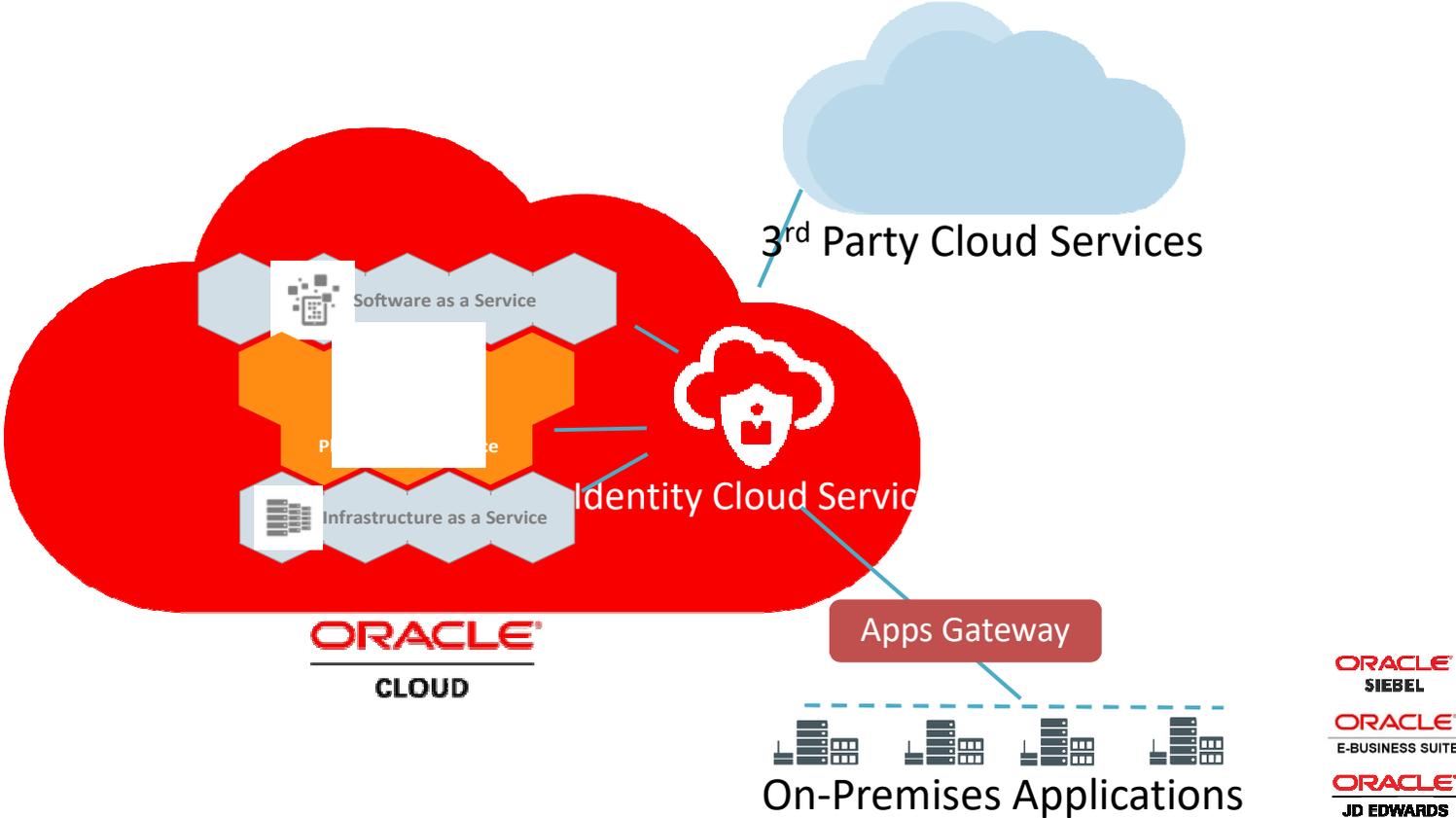
Filter by Date Range Last 30 Days



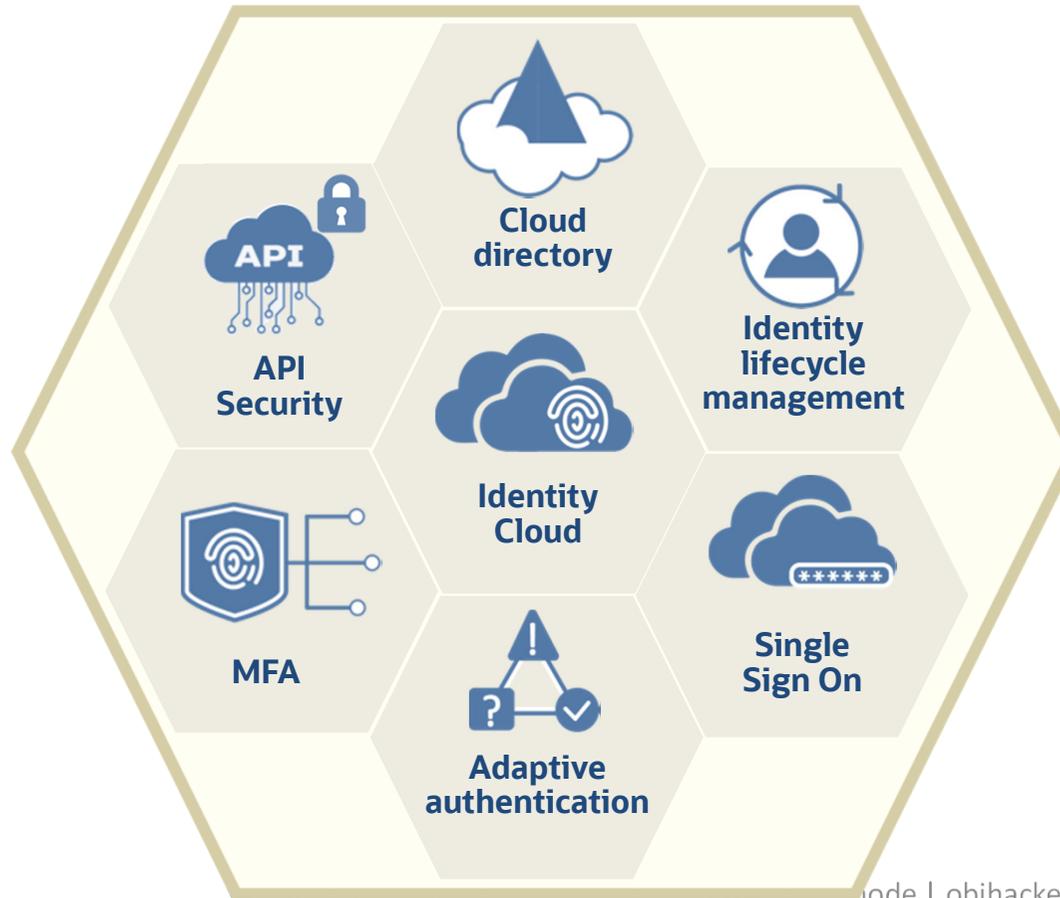
Central Cloud Identity Management



Hybrid cloud + on-premises applications



IDCS Functional Areas



Cloud directory

Extensible, highly scalable repository to store information about users, groups, devices and application accounts



Use **Bi-directional** integration and **password management** – AD and LDAP



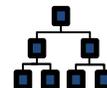
Use **Delegated Administration** to simplify administration of users and apps



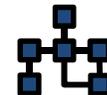
Use **SAML, Social or Open ID Connect Identity Providers** to on-board employees, partners and consumers



Use KBA, SMS or Email for password recovery



Support LDAP-enabled applications using a **LDAP Proxy**



Use **extensible schema** with access control to capture and manage user information

Identity Provisioning

On-board employee, consumer and partner identities from any source and manage their lifecycle



Pre-defined Templates for major SaaS and on-premises Applications



SCIM App Templates for integration with partner-provided **SCIM Gateways**



Provisioning Gateway to support **bespoke application** integration and **on-premises** applications



Manage **accounts and entitlements** via admin and RBAC in applications

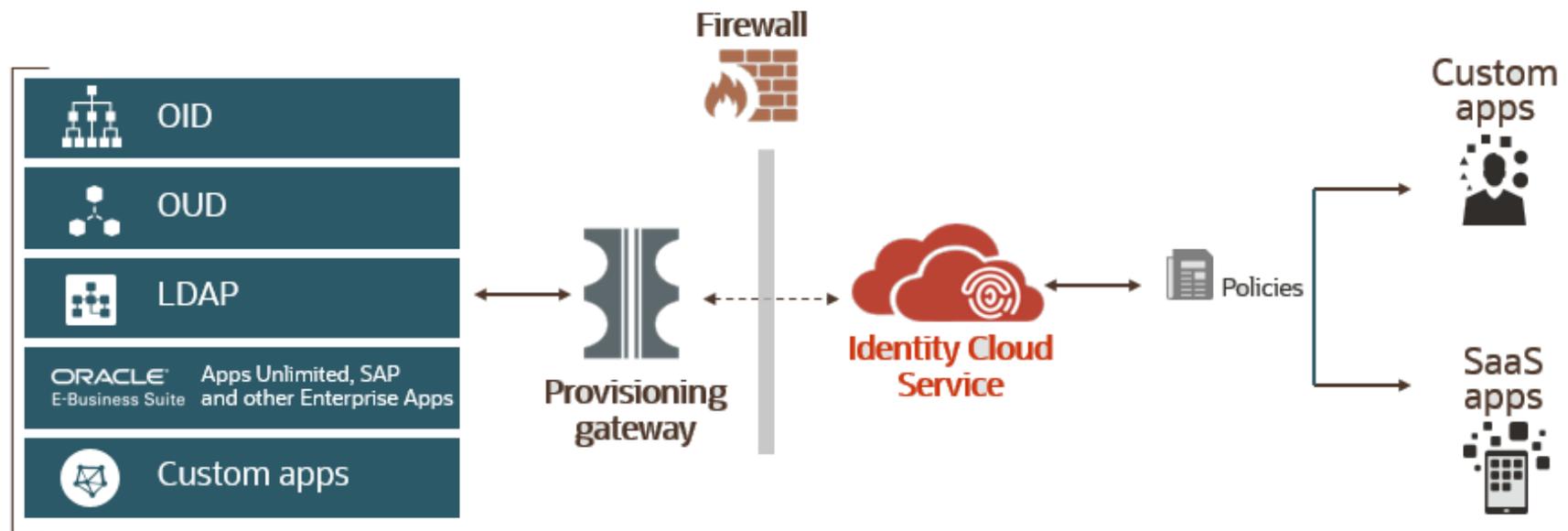


Use **access request** and configurable rules to control user access and account attributes



Keep Application Administrators informed of provisioning activity via **summary notifications**

Provisioning Gateway



Identity Lifecycle Management

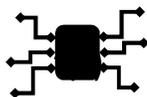
On-board employee, consumer and partner identities from any source and manage their lifecycle



Use **self-registration profiles** to invite partners and customers to **sign-up**



Use **terms of use** and **consent management** to give users control over who has access to their data



Use **meta-directory capabilities** to generate values for attributes on the fly



Use **role-based Access (RBAC)** policies to automate access including **assigning entitlements** to users



Use identity **lifecycle events** to push profile changes to downstream applications



Discover and **remediate** rogue access discovered in applications

Single Sign On

Enable employees, customers, and partners to access their applications seamlessly using a single authentication



Support for Standards: **SAML, WS-Fed, Open ID Connect**



Password-less: Eliminate the use of passwords using Oracle Mobile Authenticator



Use **Adaptive MFA policies** to enforce **authentication options** and **control access** to apps



Enforce session controls on users based on context and apps



Use **authorization policies** for fine-grained access control on **APIs and web resources**



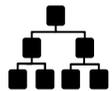
Migrate from legacy WAM solutions and simplify and modernize security



Get **real-time visibility** through operational reports and SIEM integration

Platform Security

Secure access of privileged users in Databases, VPN, Wi-Fi and Compute



Use **LDAP Proxy** for platform apps that require LDAP



Secure VPN and Wi-Fi networks using **RADIUS Proxy**



Use **Pluggable Authentication Module** to secure Compute access



Secure Oracle Database access using **RADIUS Proxy**



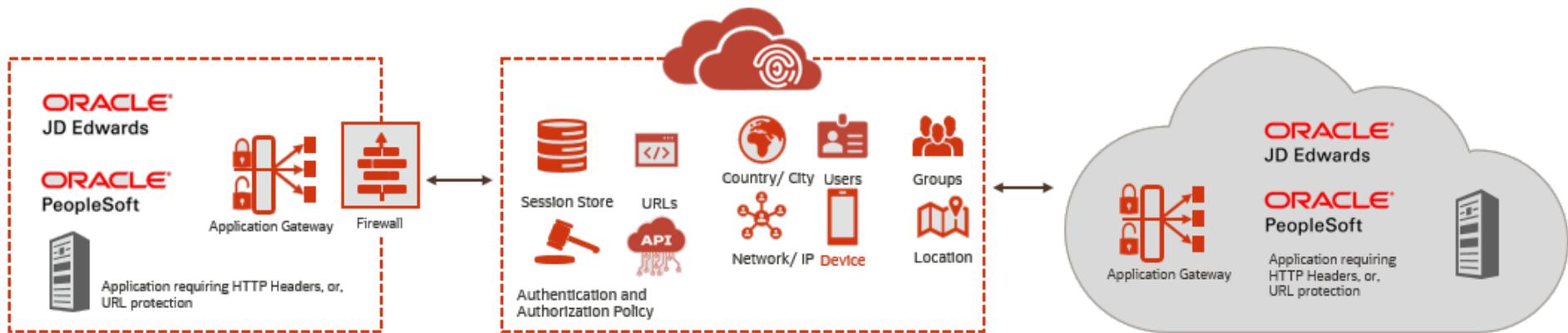
Use **PIV/CAC** and certificate based authentication to comply with regulatory requirements



Use **Password-less, Adaptive MFA** and **Policies** to achieve strong security

Application gateway

Modernize Web Access Management and enable access to apps without VPN



Multi-factor Authentication

Secure access to apps and prevent credential theft



Use multiple factors based on **who you are, what you have** and **what you know**



Use **App-specific factors** and Policies to provide an experience tailored to the user and the app



Integrate with **Adaptive Access**



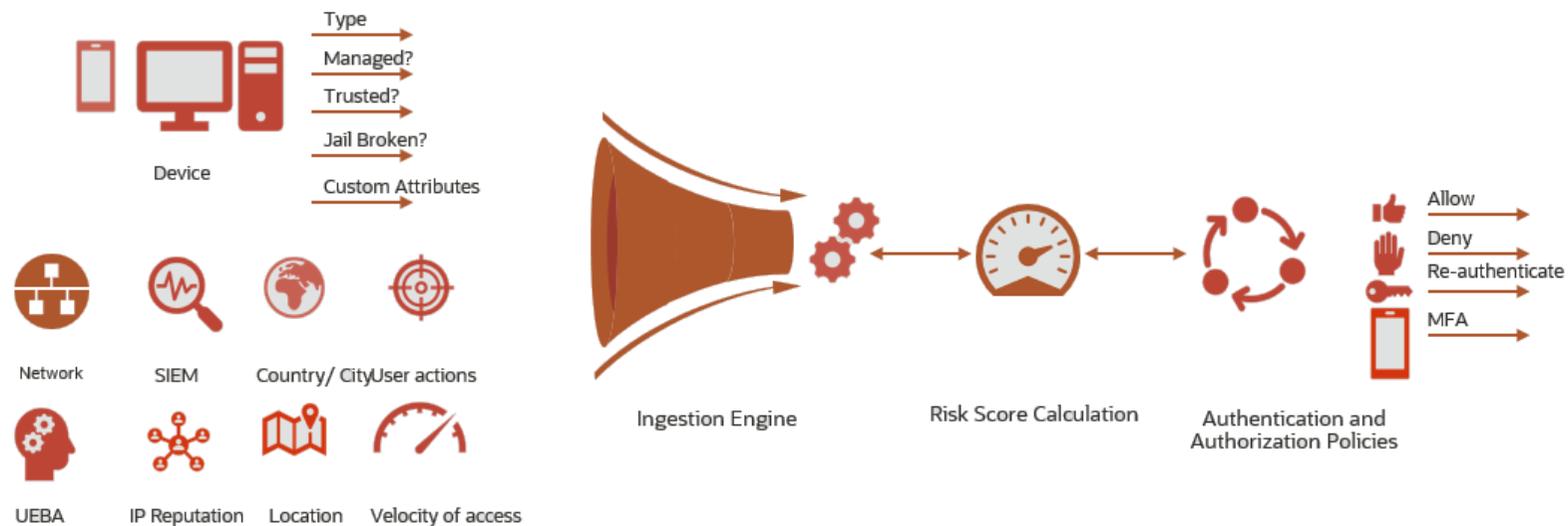
Bring your MFA – Use APIs or any Provider that supports OIDC or SAML



Use **MFA APIs** in custom apps to provide **additional verification for sensitive operations**

Adaptive authentication

Add an additional layer of security by learning from the user's behavior, context and external threat feeds



API security

Standards-based, policy-driven centralized access management for APIs



Use OAuth and Open Id Connect to secure APIs



Use **Token Policies** to enforce security on access tokens and prevent rogue applications from accessing APIs



Use **Session and Token Management** to centrally monitor and revoke tokens immediately for suspicious users and clients



Enrich tokens using **custom claims** and prevent PII leakage for even standard claims



Use **Device-code flow** to secure set-top and other devices with no access to a browser



Use **SDKs** to improve developer productivity while developing web, mobile and hybrid apps



Integrate with **API Gateways** to provide centralized, consistent security

Wide range of SDKs



App Gate for Identity Cloud Service

Use this virtual machine to integrate on-premises applications with Oracle Identity Cloud Service.
Version 18.4.2-1.3.0



Identity Cloud Service Asserter for E-Business Suite

Use this asserter to enable single sign-on for Oracle E-Business Suite with Oracle Identity Cloud Service.
Version 19.3.3-1.7.0



Identity Cloud Service PAM Authentication Plug-in for Linux

Use this plug-in to configure your Linux environment to authenticate against Oracle Identity Cloud Service.
Version 18.3.6-1.3.0



Identity Cloud Service SDK for .NET

Use this SDK to develop web-based .NET applications.
Version 19.2.1-1.0.0



Identity Cloud Service SDK for Android

Use this SDK to develop mobile Android applications.
Version 18.3.6-1.1.159



Identity Cloud Service SDK for Java

Use this SDK to develop web-based Java applications.
Version 19.2.1-1.3.1



Identity Cloud Service SDK for Node.js

Use this SDK to develop web-based Node.js applications.
Version 18.4.6-1.2.3



Identity Cloud Service SDK for Python

Use this SDK to develop web-based Python applications.
Version 19.2.1-1.3.0



Identity Cloud Service SDK for iOS

Use this SDK to develop mobile iOS applications.
Version 18.3.6-1.1.178



Secure Form Fill Admin Client

Admin client application to create Secure Form Fill applications.
Version 18.1.6-101

Integrated Auditing and Reporting

☰ ORACLE Identity Cloud Service

Dashboard > Reports

▲ Users

	<h3>Successful Login Attempts</h3> <p>View users who have logged in to Oracle Identity Cloud Service successfully.</p>	6 Successful Login Attempts Last 30 days
	<h3>Unsuccessful Login Attempts</h3> <p>View users who have not logged in to Oracle Identity Cloud Service successfully.</p>	0 Unsuccessful Login Attempts Last 30 days

▲ Applications

	<h3>Application Access</h3> <p>View User login for your application</p>	11 Total Logins Last 30 days
	<h3>Application Role Privileges</h3> <p>View application role grants and revokes for users and groups for applications that are configured in Oracle Identity Cloud Service.</p>	0 Application Role Grants and Revokes Last 30 days

All applications. One Overview.

ORACLE Identity Cloud Service CB

Applications Search

Select All + Add ✕ Remove ⌂ Activate ⌂ Deactivate

<input type="checkbox"/>	 ADWC Autonomous Database	<input checked="" type="checkbox"/>	
<input type="checkbox"/>	 ANALYTICS Oracle Analytics Cloud	<input checked="" type="checkbox"/>	
<input type="checkbox"/>	 ANDC NoSQL Database	<input checked="" type="checkbox"/>	
<input type="checkbox"/>	 APAAS Oracle Application Container Cloud	<input checked="" type="checkbox"/>	
<input type="checkbox"/>	 APICS Oracle API Platform Cloud Service	<input checked="" type="checkbox"/>	
<input type="checkbox"/>	 APICSAUTO Oracle Autonomous API Platform Cloud Service	<input checked="" type="checkbox"/>	
<input type="checkbox"/>	 ATP Autonomous Transaction Processing	<input checked="" type="checkbox"/>	
<input type="checkbox"/>	 AUTOANALYTICS Oracle Autonomous Analytics Cloud	<input checked="" type="checkbox"/>	
<input type="checkbox"/>	 AUTOANALYTICSINST_oac54demo [AUTOANALYTICSINST] oac54demo	<input checked="" type="checkbox"/>	

So...nice try, Spartacus

