



A korszerű kibervédelem központja az identitás

Oracle Identity & Access Management

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vezető műszaki tanácsadó, architekt

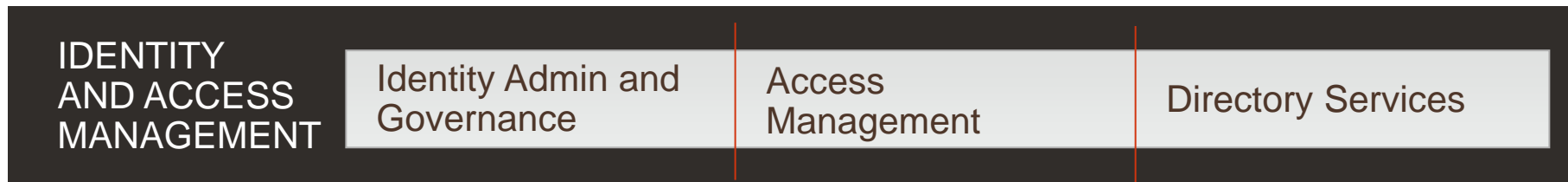
Oracle Hungary Kft.

Agenda

- Oracle Identity and Access Management portfólió áttekintés
- Oracle Identity Management részletek
- Oracle Access Management részletek

Oracle Identity and Access Management

Applications Security



Oracle Identity and Access Management

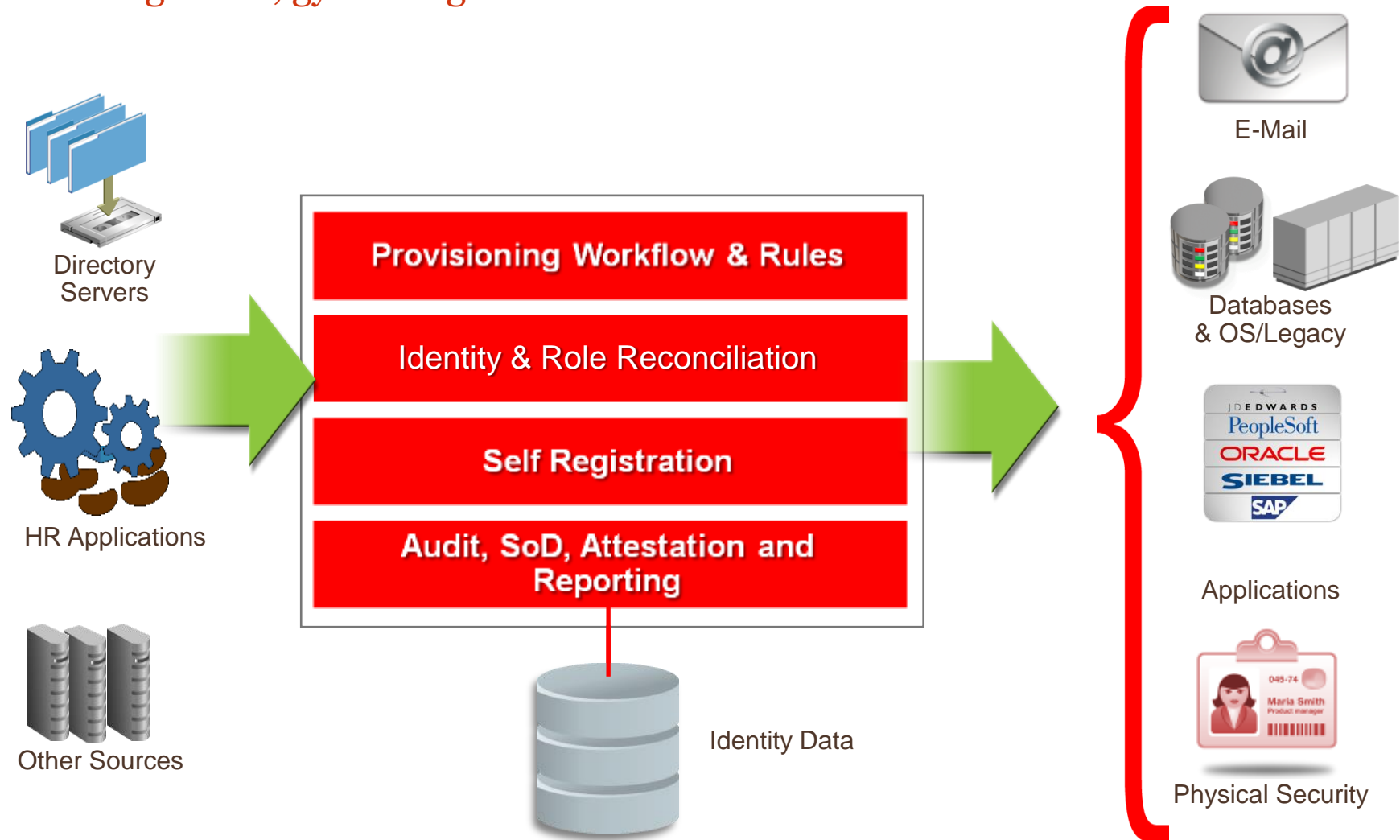
A maguk területén vezető termékek teljeskörű csomagja

Identity Admin&Gov.	Access Management	Directory Services
Identity Governance Suite	Access Management Suite Plus	Directory Services Plus
Identity Manager	Access Manager	Internet Directory
Identity Manager Connectors	Identity Federation Security Token Services	Unified Directory

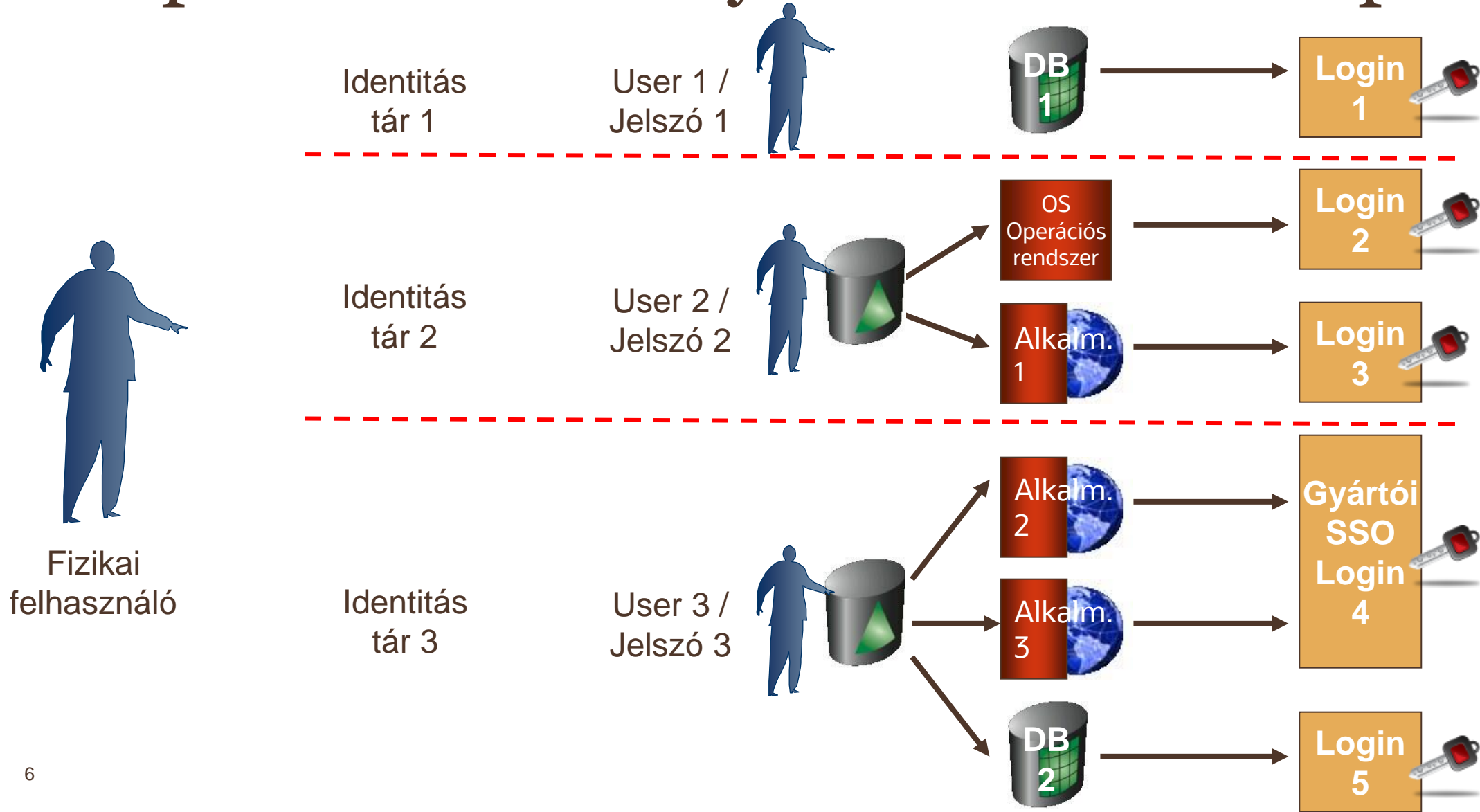
Top level suites	Manageability
Enterprise Identity Services Suite Identity & Access Management Suite	Enterprise Manager IdM Pack Plus

Oracle Identity Admin & Governance (IDM)

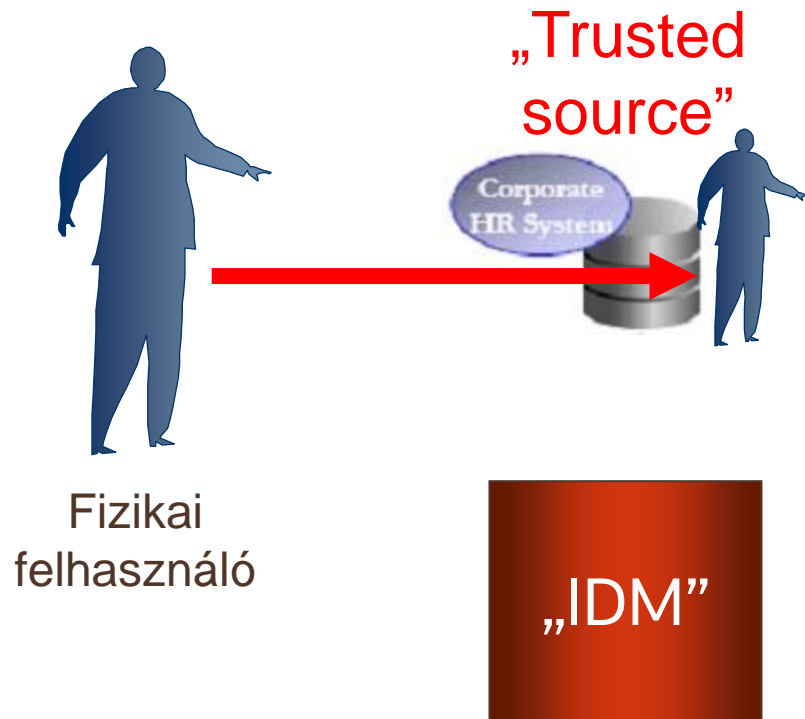
Előírásoknak való megfelelés, gyors megtérülés



Központi IDM környezet nélkül: komplexitás

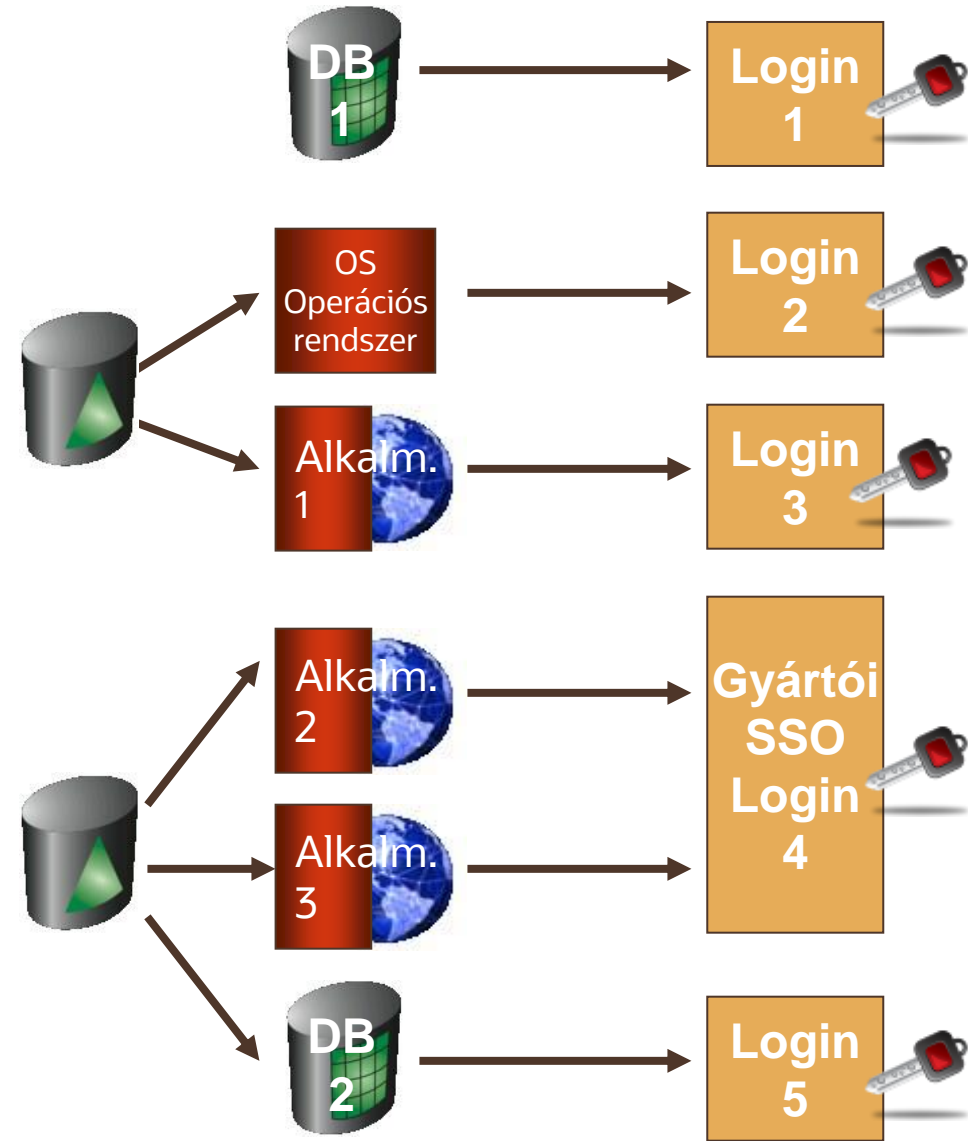


Oracle Identity Admin & Governance (IDM)

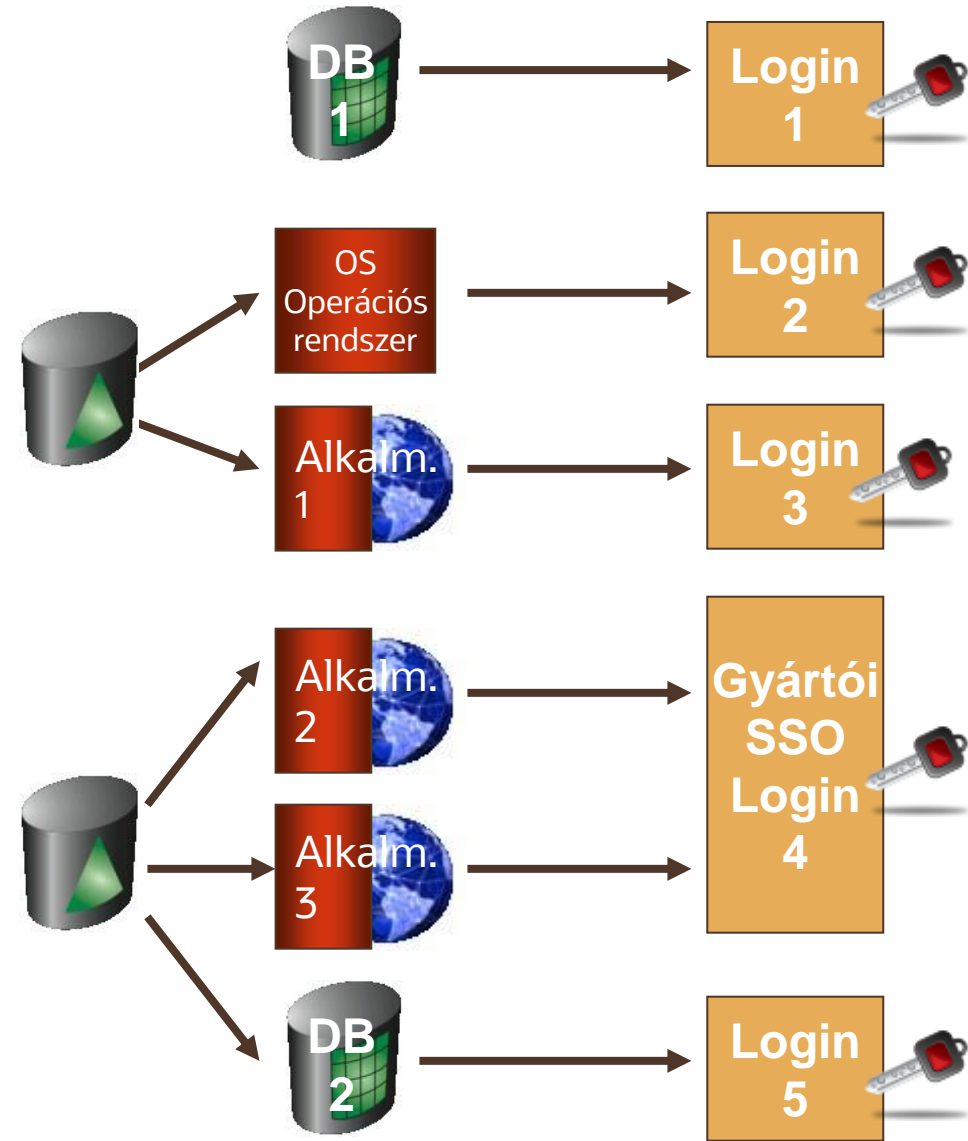
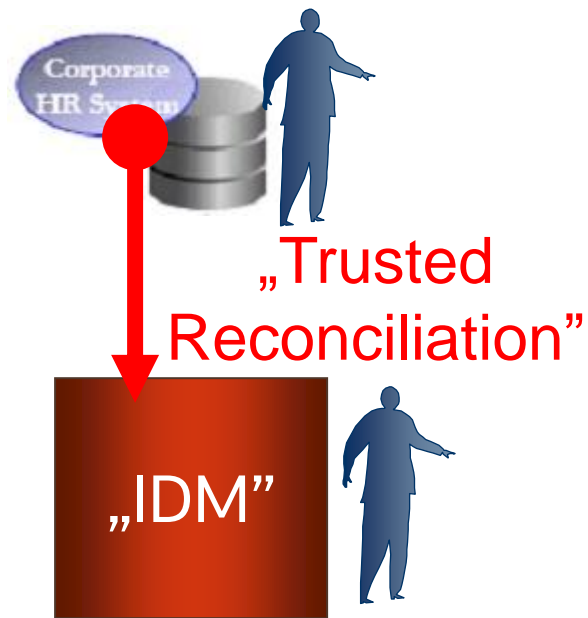


Intézményi felhasználók leképezése:

- Megbízható nyilvántartások
- Több forrás is használható



Oracle Identity Admin & Governance (IDM)

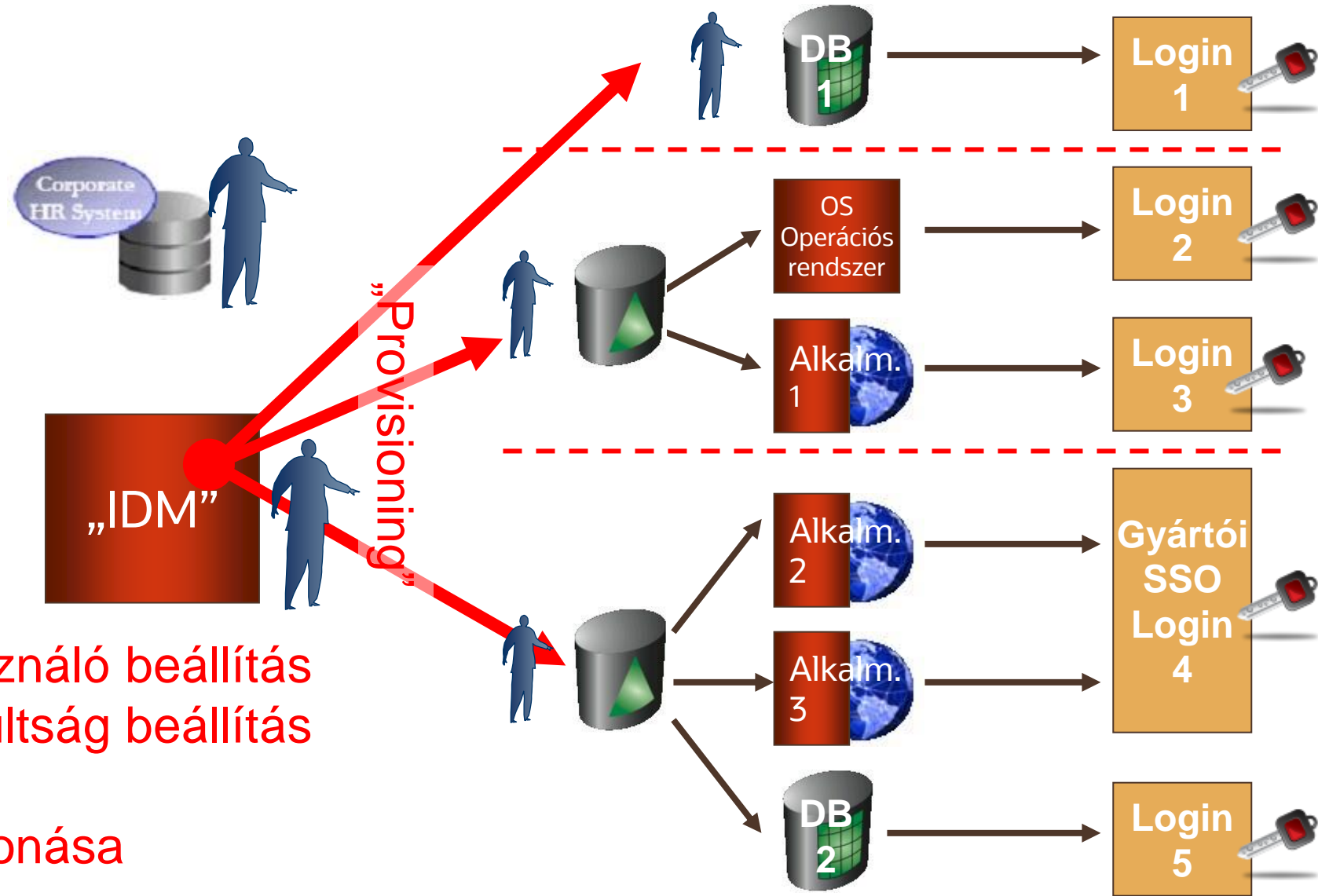


Megbízható források olvasása:

- Automatizált, változás detektálás
- Szervezeti struktúra leképzése



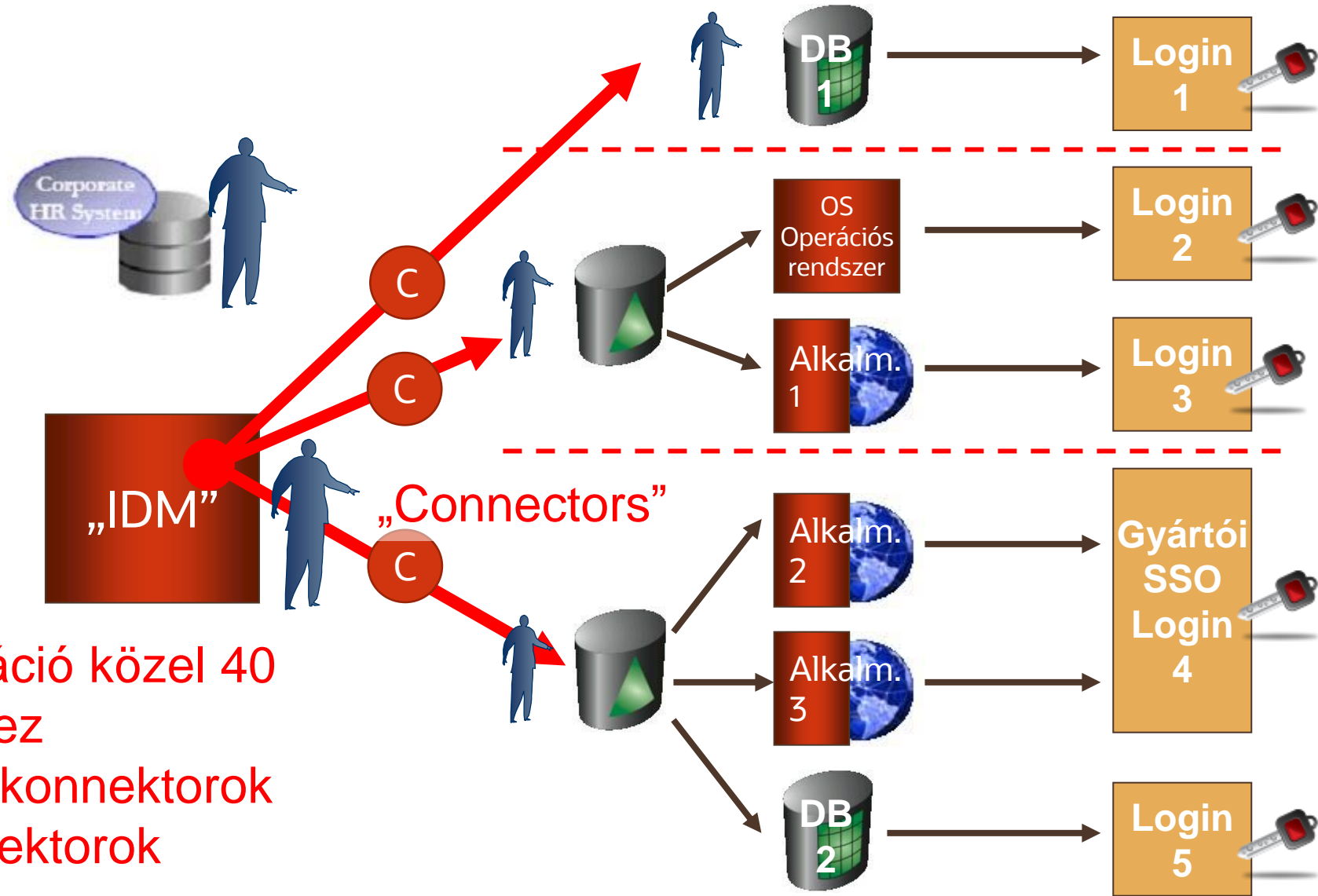
Oracle Identity Admin & Governance (IDM)



Provisioning:

- Végponti felhasználó beállítás
- Végponti jogosultság beállítás
- Jelszó beállítás
- Fentiek visszavonása

Oracle Identity Admin & Governance (IDM)



Konnektorok:

- Dobozos integráció közel 40 gyártói termékhez
- Testreszabható konnektorok
- Generikus konnektorok



Oracle Identity Admin & Governance (IDM)

Kapcsolat a végpontokhoz: KÉSZ KONNEKTOROK 38+ fajta

Application Onboarding (AOB)

Connectors:

Box, Concur, Database

Application Tables, Database

User Management, Dropbox, Flat

File, Google Apps, GoToMeeting,

MS Active Directory User

Management, Office 365, Oracle

eBusiness HRMS, Oracle eBusiness

Suite User Management, Oracle

Identity Cloud Services, Oracle

Unified/Internet Directory,

Salesforce, SAP Success Factors,

SAP User Management, SAP

User Management Engine,

ServiceNow, UNIX, WEBEX

Connector Installer (CI) Connectors:

AS400, BMC Remedy User Management, Box, CA ACF2

Advanced, CA Top Secret, Concur, Database Application

Tables, Database User Management, Dropbox, Flat File,

Oracle Fusion Apps, Generic REST, Generic SCIM, Generic

Scripting, Google Apps, GoToMeeting, IBM Lotus Notes and

Domino, IBM RACF Advanced, JD Edwards Enterprise One

User Management, MS Active Directory User Management,

MS Exchange, Office 365, Oracle CRM On-demand, Oracle

eBusiness HRMS, Oracle eBusiness Suite User Management,

Oracle Identity Cloud Services, Oracle Unified/Internet

Directory, PeopleSoft Campus / Employee Reconciliation /

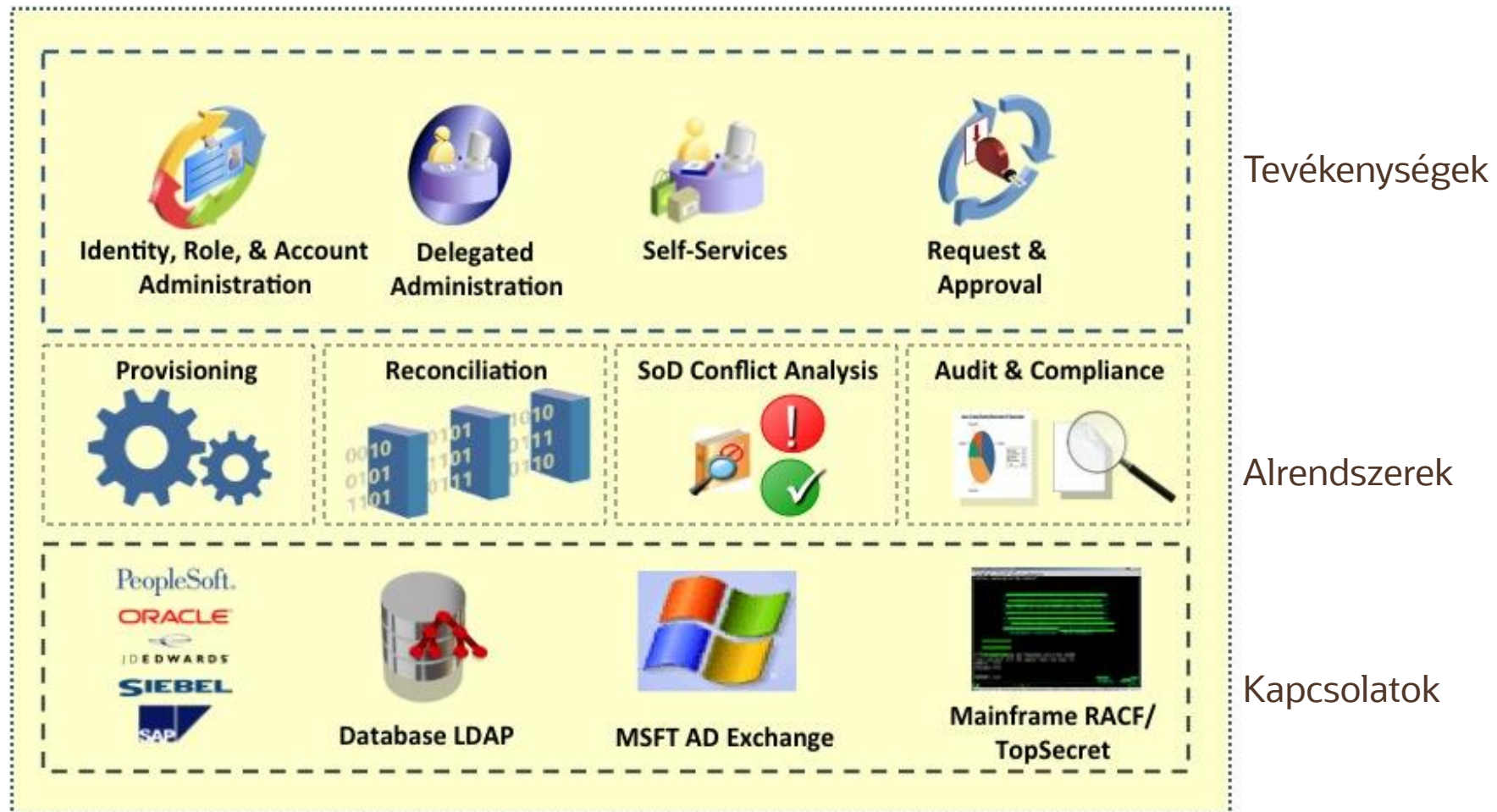
User Management, RSA Authentication Manager, Salesforce,

SAP Success Factors, SAP User Management, SAP User

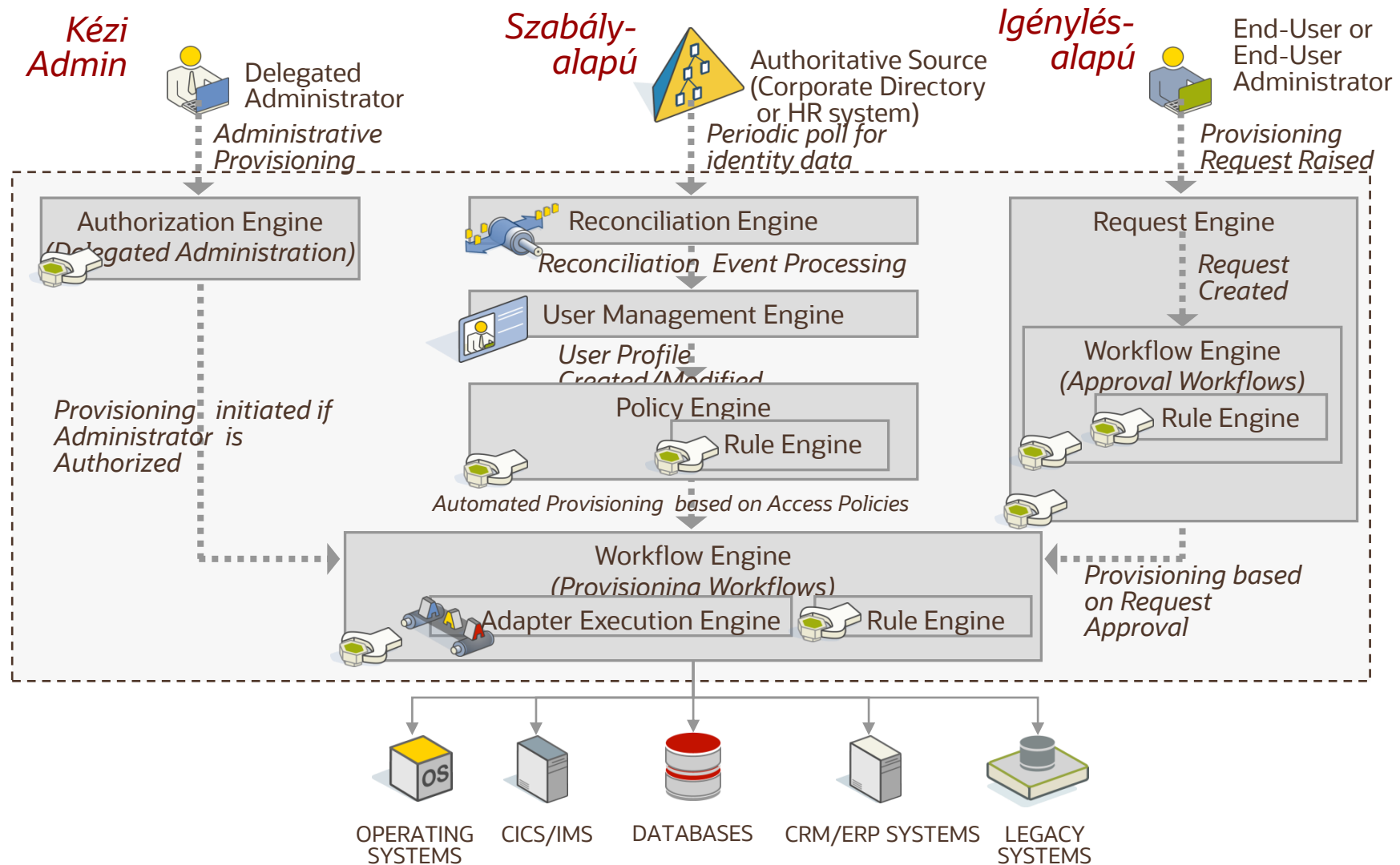
Management Engine, ServiceNow, Siebel User Management,

UNIX, WEBEX, Webservices

Az Oracle Identity Manager főbb funkciói



Az Oracle Identity Manager működési modelljei



Az Oracle fontos traszformációkat hajt végre

Legacy deployment

On-premises/WebLogic/Bare Metal



Simplified deployment choice

On-premises/Cloud/Containers/Microservices

Monolithic architecture

JavaEE/App Server



Microservices architecture

Portable/Stateless/API First/Scale up and down

Major releases

12-18 months release cycle



Iterative delivery

Frequent cadence of bug fixes & feature release

Complex upgrades

High-touch activity

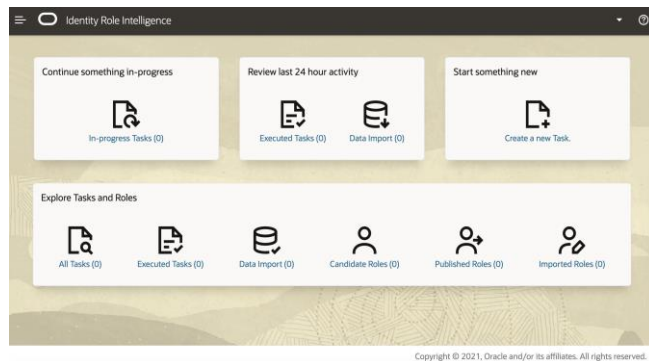


Simple updates

Orchestrated deployment of what you need

Microservices kiegészítések 2021 óta

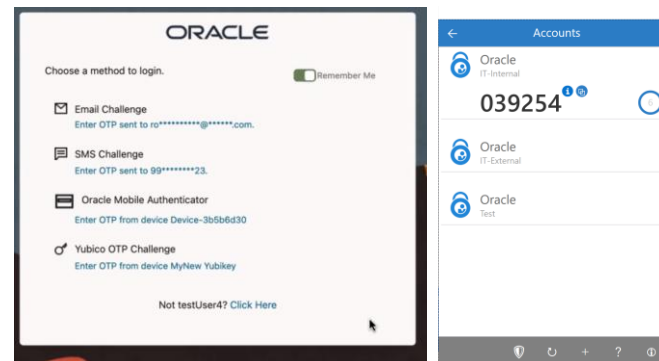
Oracle Identity Role Intelligence



Optimize role provisioning, and principle of least privilege with machine learning

[Read me](#)

Oracle Advanced Authentication



Enhance Oracle multi-factor authentication (MFA) with support for FIDO2, Yubikey and Passwordless

[Read me](#)

Oracle RADIUS Agent



Expand use of Oracle Advanced Authentication with databases, VPN and SSH clients

[Read me](#)



Oracle Access Management

Jól kézbe tartható, központosított biztonság + üzleti agilitás



**Kerberos &
Basic Auth.**



**Secure Mutual
Authentication**



Biometric



Smart Card



Single Sign On Across Enterprise

Risk-based Strong Authentication

Entitlements Management

Standards-based Federation



Portals



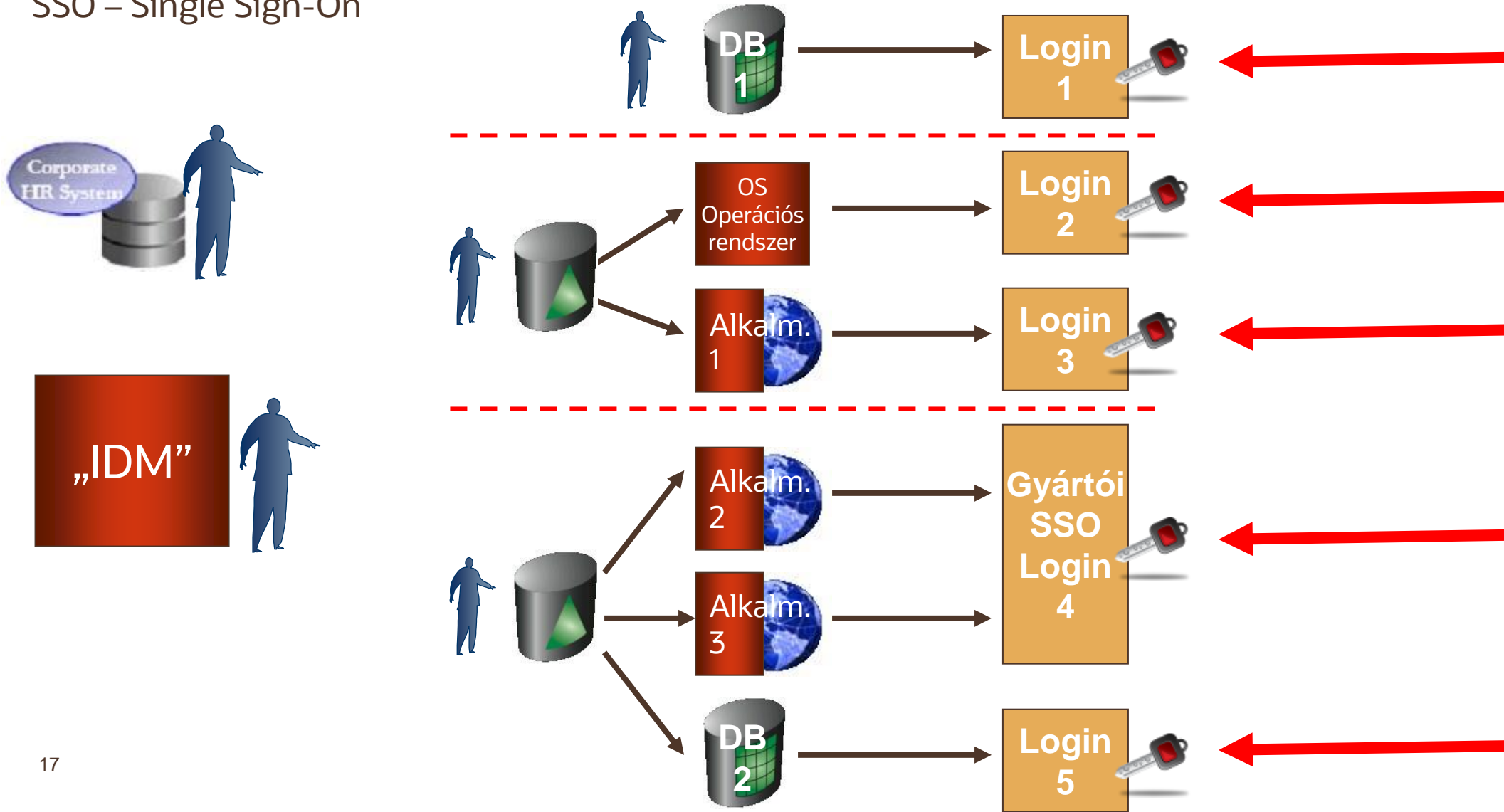
Packaged Apps



Custom Apps

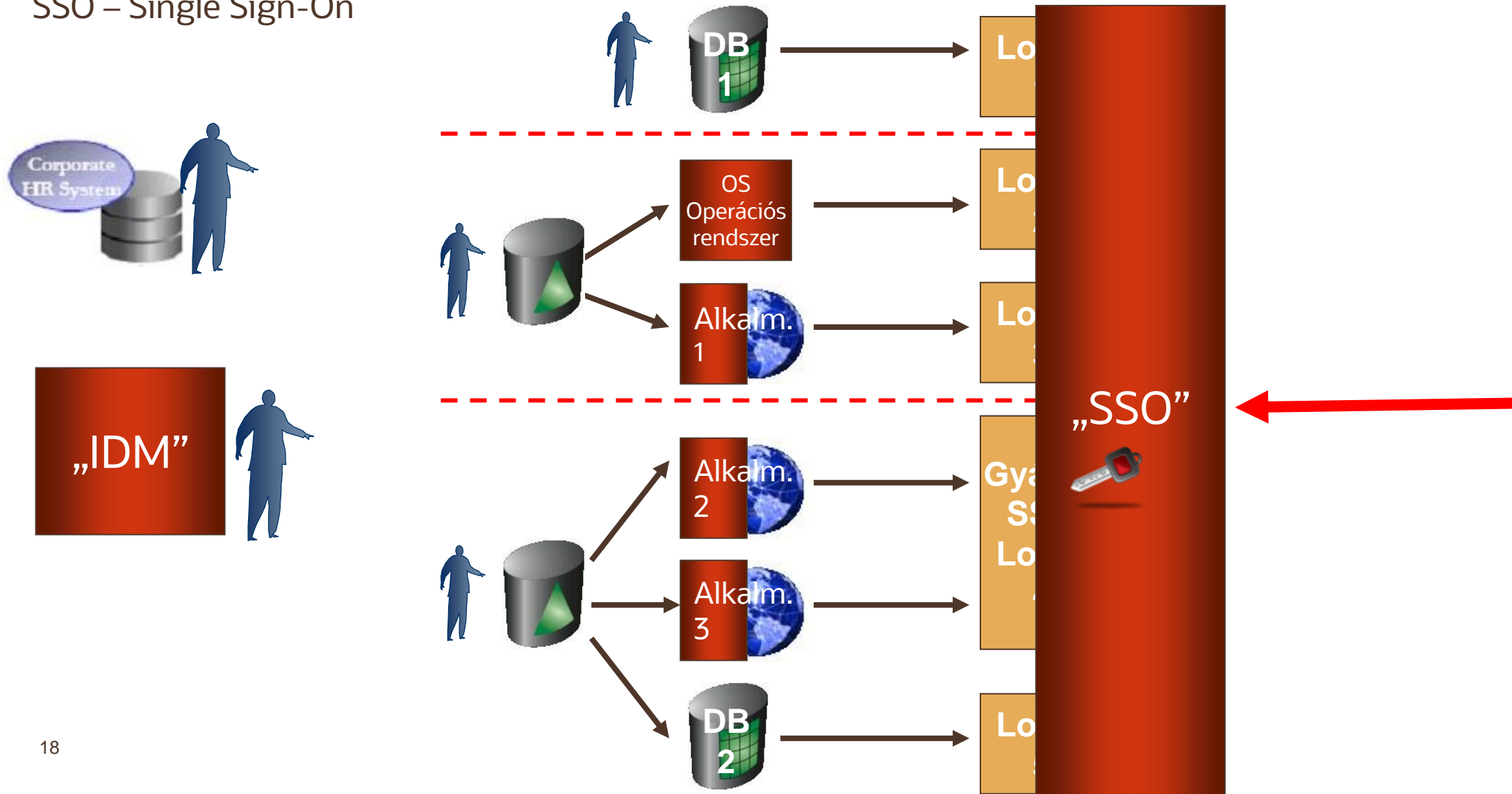
Központi Access Management / SSO nélkül

SSO – Single Sign-On



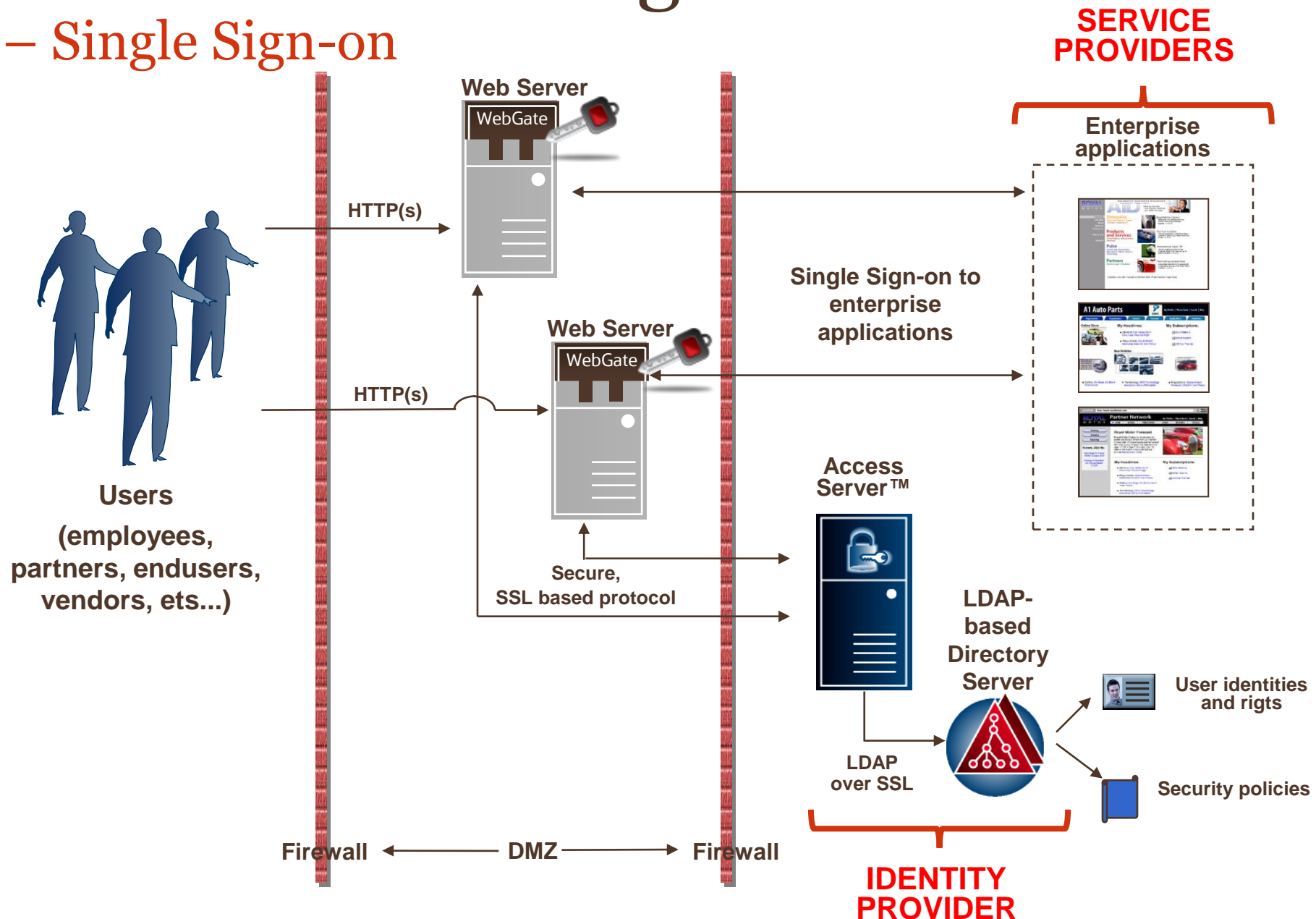
Oracle Access Management: egységes SSO

SSO – Single Sign-On



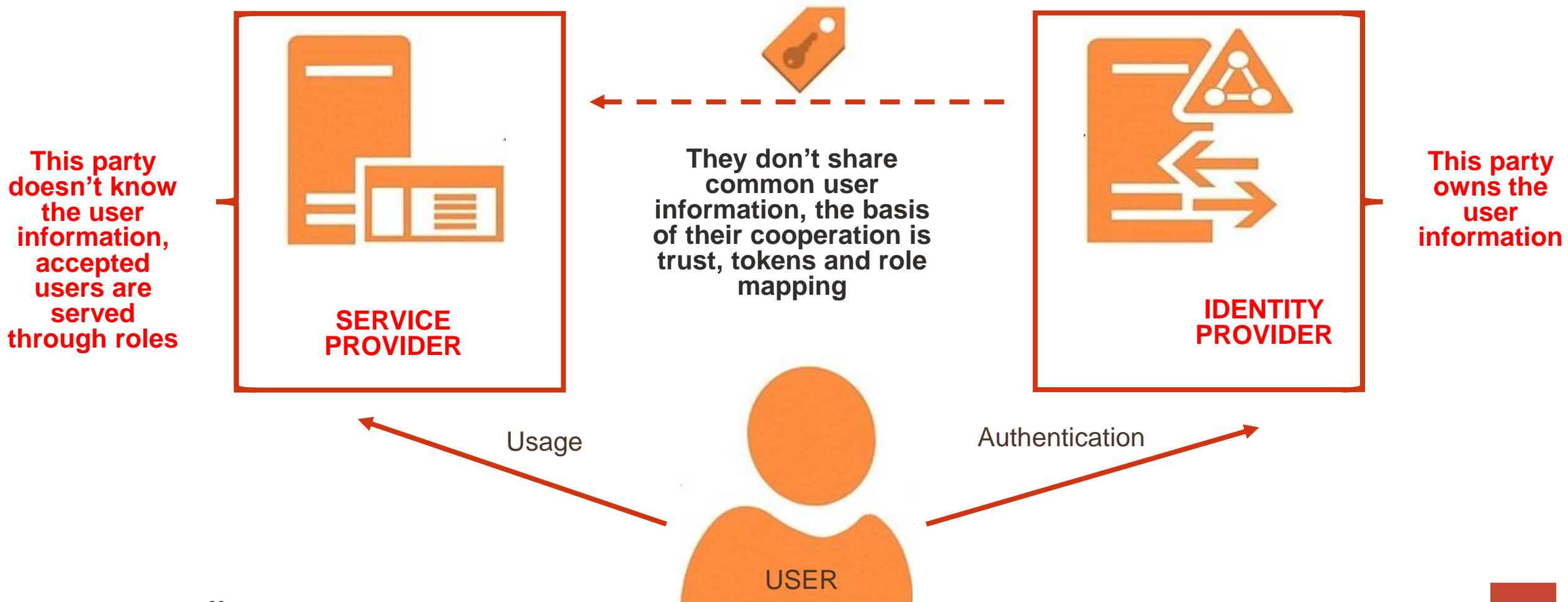
Oracle Access Manager

SSO – Single Sign-on



Identity Federation esetén...

Federated Identity vs. SSO – In case of federation:
separated user management and user service



Identity Federation szabványok

SAML, OAuth2, OpenID Connect, etc...

Heavy

Lightweight

Lightweight

	SAML 2.0	OAuth2	OpenID Connect
What is it?	Open standard for authorization and authentication	Open standard for authorization	Open standard for authentication
History	Developed by OASIS in 2001	Developed by Twitter and Google in 2006	Developed by the OpenID Foundation in 2014
Primary use case	SSO for enterprise apps	API authorization	SSO for consumer apps
Format	XML	JSON	JSON

Office365
Salesforce
G Suite
Okta
Onelogin
Ping Identity

Spotify
Google
Facebook
Twitter

Spotify
Google
Facebook
Twitter

Szabványokon alapuló integráció

- Authentication and Authorization
- SSO over HTTP Header, SAML, OAuth, OpenID Connect
- OAuth Token session linking w/multi-datacenter synchronization
- WebGate communication over HTTPS (OAP over REST)
- Dynamic client registration

REST APIs

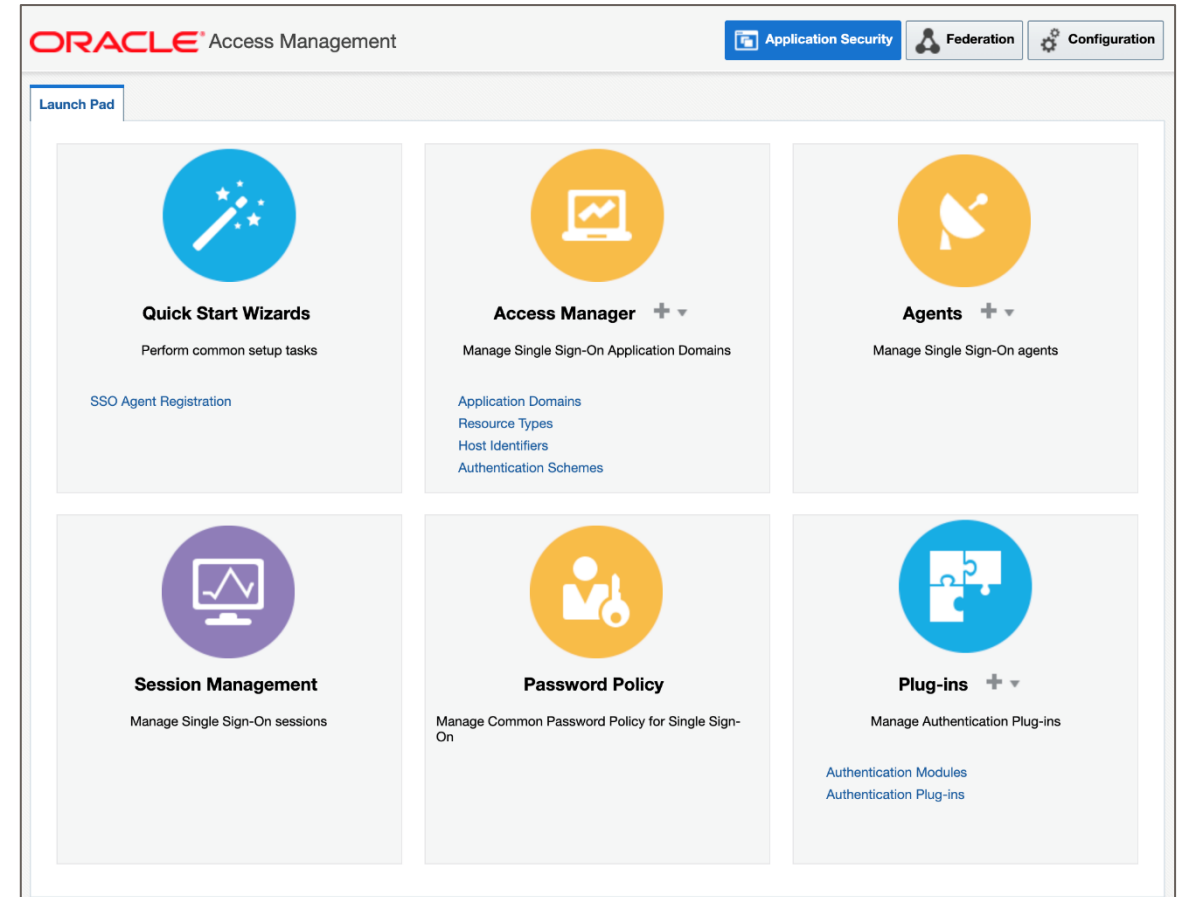
- Federation management, OAuth, multi-datacenter, multifactor authentication OTP, password policy, password management , session management

The screenshot displays the Oracle Access Management Configuration interface. The top navigation bar includes 'ORACLE Access Management', 'Application Security', 'Federation', and 'Configuration'. The main content area is titled 'Available Services' and lists the following services:

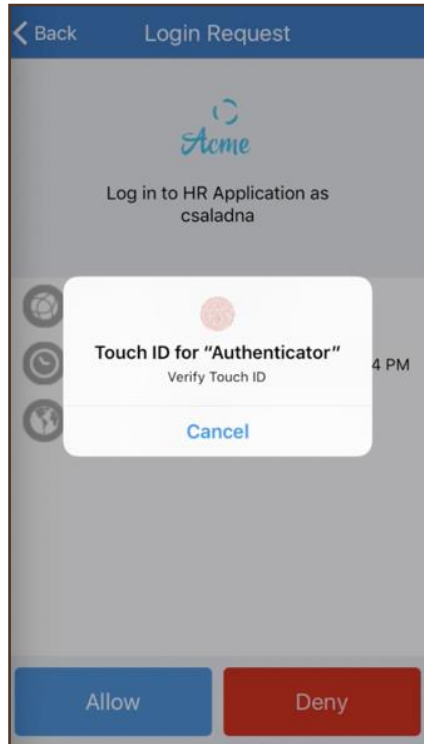
Service Name	Status	Action
Application Security		
Access Manager	Enabled	Disable Service
Adaptive Authentication Service	Enabled	Disable Service
OAuth and OpenIDConnect Service	Enabled	Disable Service
Federation		
Identity Federation	Enabled	Disable Service
Access Portal Service	Disabled	Enable Service

Credentials management képességek

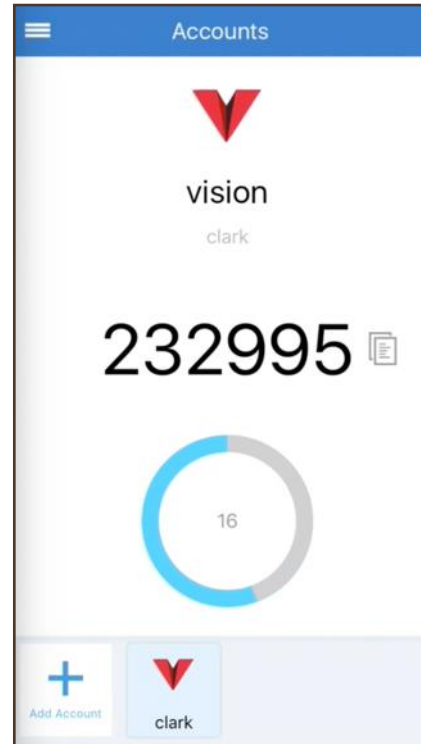
- User group specific password policies groups
- OTP based Forget Password
- Admin driven forced password change
- Out of band TOTP for password resets
- Password-less Access with OMA push notification
- QR code based OMA App registration



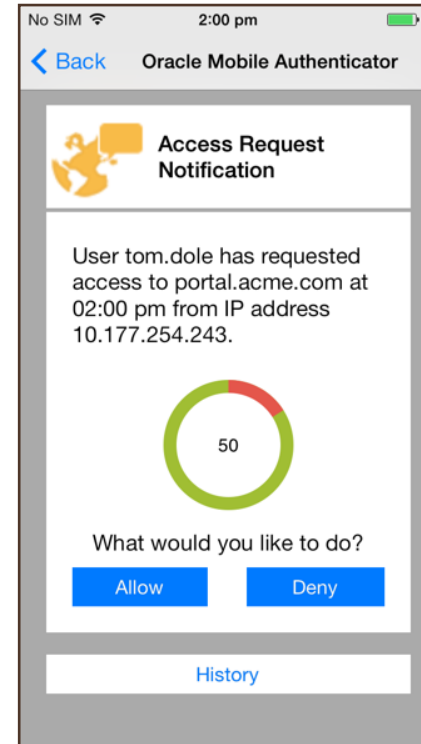
Adaptive Authentication



Integrated biometrics/TouchID



Time Based OTPs



Push Notifications



Easy User Enrolment



Köszönjük a
figyelmet!

