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Oracle Identity Cloud Service

Organizations need to securely manage access and entitlements across a wide range of cloud and on-premises applications. The solution should be easy to use, centrally managed, and aligned with a Zero Trust approach to security. Oracle provides a cloud-native, Identity-as-a-Service (IDaaS) platform, Oracle Identity Cloud service, that addresses these needs.

Oracle Identity Cloud Service

Oracle Identity Cloud Service (IDCS) is a cloud-native service providing holistic coverage of Identity and Access use-cases for employees, partners, and consumers enabling management of access and entitlements across a wide range of cloud and on-premises applications. Its Zero Trust strategy positions identity as the security perimeter across expanding IT landscapes.

Sign-On with flexible authentication options

Enable flexible sign-on with support for federated, social, and delegated sign-on, passwordless authentication, robust adaptive security with risk context (based on device, network, time, etc.), and numerous options for multi-factor authentication including a mobile app, SMS, email, phone call, FIDO2, and third-party authenticators.

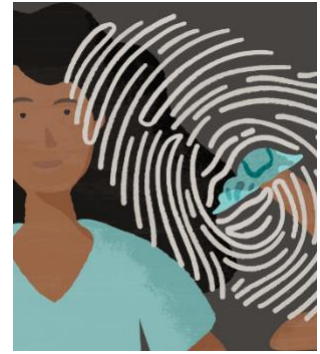Seamless user experience with self-service

Provide a user experience that's intuitive and easy. A dashboard view offers quick access to applications with the ability to select favorites for fast movement in busy environments. Users can also request access to groups and apps directly from the user console making it quick and easy to get productive.

Easy administration of users, groups, and access

Create and manage users, groups, and apps in the admin console via step-by-step wizards. Access can be assigned to users through group memberships which are then assigned access to applications. This eases management efforts and allows for repeatable on-boarding and certification processes.

Developer friendly APIs and sample code

All available functionality is exposed programmatically via APIs. Sample code makes it easy for developers to include IAM functions into custom or commercial apps. App consumers are provided profile self-service, seamless social and passwordless logon, and terms of use management.

Oracle provides end users with a seamless user experience while enforcing strong security.

"We are seeing a lot of value with Oracle Identity Cloud Service. It is more secure, cost effective, and resilient, allowing us to provide a highly available identity platform with improved user experience."

Chinna Subramaniam
Technical Director,
IAM & Directory Services
City and County of San Francisco, CA

Identity Standards

In addition to a broad set of REST APIs, IDCS supports numerous standards and protocols including:

- OpenID Connect
- SAML 2.0
- OAuth 2.0
- OATH
- FIDO2
- SCIM 2.0
- RADIUS

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Flexible application management

In addition to an application catalog and support for open standards and protocols (SAML, OIDC, OAuth), IDCS also supports a wide variety of apps via proxy, bridge, or gateway approaches which offer both SSO and provisioning capabilities to on-premises or cloud-hosted applications and platforms.

Built-in reporting and auditing on activity and risk

Included reporting provides broad visibility into access activity. A system log captures activities such as logon attempts, and user adds or updates. An Application Access report shows which apps are being accessed by which users. This information can be used to enforce the principle of least privilege by reducing unnecessary permissions.

Customize and configure to meet your specific requirements

Numerous configuration options enable a customized experience. From company branding to allowed MFA factors, administrators have full control over the end-user experience based on their own organization's needs. Each app can even have unique sign-on or terms-of-use policies.
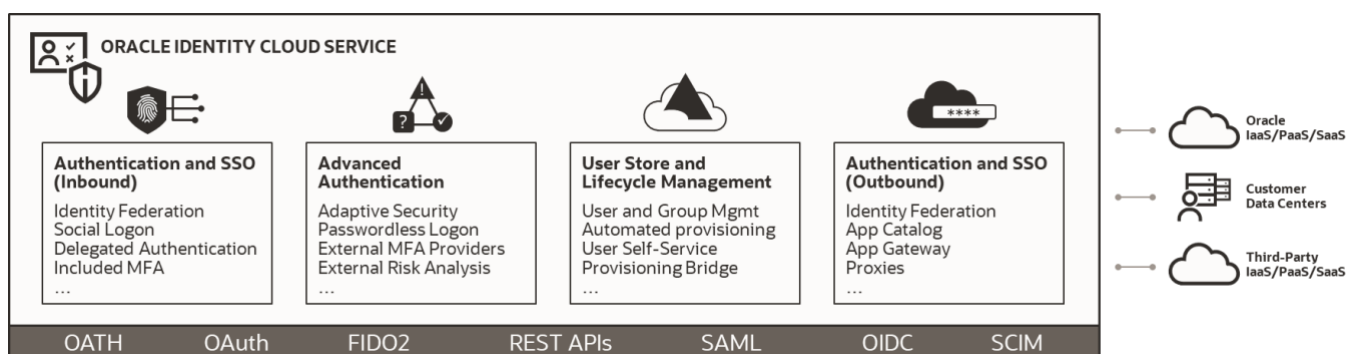
Authentication Methods

IDCS supports numerous authentication methods including:

- Username + Password
- Certificate X.509
- MFA: Security Questions Mobile App (passcode, push notification), Email, SMS, Phone Call, FIDO2 Authenticators
- Passwordless Logon
- Trusted Devices
- Adaptive Security: Device (managed, trusted, secure), Network, Location, User Behavior (failed attempts, velocity)

Manage access and entitlements across hybrid IT environments with Oracle Identity Cloud Service

Oracle Identity Cloud Service (IDCS) makes it easy to manage access and entitlements across hybrid environments with flexible authentication options, a seamless user experience, easy administration, and the ability to customize to accommodate unique requirements. IDCS is available as a service with broad global coverage, support for data residency requirements, and high scale and performance. To learn more, visit the Oracle Identity Cloud Service Webpage.

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