

Oracle Identity Cloud Service



KEY FEATURES

Identity Administration

- SCIM Identity Provider for simplified user management
- Consistent Admin Interfaces for User Management, Group Management and Bulk Identity Loading
- Self Service based profile and password management

Access Management and Single Sign On

- OAuth Token Broker, SAML Assertion Broker
- Federated SSO using SAML2.0, OAUTH2.0, and OpenID Connect 2.0
- Single Sign On between Oracle Public Cloud, External SaaS, On-premise and Custom applications
- Enable use of on premise AD & OAM for federated authentication
- Authentication Service via IDCS as SAML IDP and Open ID Connect Provider

Application Management

- Single Administration and End

Identity Cloud Service is Oracle's next generation comprehensive security and identity platform that is cloud-native and designed to be an integral part of the enterprise security fabric, providing modern identity for modern applications. It provides a powerful set of hybrid identity features to maintain a single identity for each user across their on-premise and in the cloud services while delivering a seamless user experience.

Introduction

Oracle Identity Cloud Service Management provides an innovative, fully integrated service that delivers all the core identity and access management capabilities through a multi-tenant Cloud platform. The design of Identity Cloud Service (IDCS) is based on microservice architecture which is naturally aligned with Cloud principles of Scalability, Elasticity, Resilience, Ease of Deployment, Functional Agility, Technical Adoption and Organization Alignment.



Enables Access by Anyone, from Anywhere, on Any Device

Oracle Identity Cloud Service has been designed to meet the needs of organizations in a number of typical use-case scenarios, such as the cloud (allowing both on-premise and cloud resources to be secured from a single set of controls), mobile access (providing sign on for native or browser-based apps), employee-facing intranet and customer-facing extranet solutions.

Oracle Identity Cloud Service provides the following functionality, licensed and enabled as required:

- **Single Sign On:** Users sign in once into Identity Cloud Service and gain one click access to applications.
- **Identity and Access Management:** Administrators can centrally manage users and their access to different applications. Administrators also have the ability to immediately shut off access to applications.
- **Integration with On-Premise AD/OAM:** For organizations with existing enterprise

User View of connected applications

- Manage Oracle Public Cloud (SaaS/PaaS) Applications natively - No administrative overhead
- Integrate with External SaaS Applications
- Bring Your Own Application – Build Anywhere, Deploy Anywhere, Manage from IDCS
- Manage On-Premise Applications – re-use your on-premise connectors

Support for Industry Standards

- **OpenID Connect** for browser-based user authentication
- **OAuth2** for securing REST API calls
- **HTTP cookies** for tracking user's active sessions
- **JWT-based tokens** for applications to map authenticated Cloud identities to local application identities
- **SAML** for providing Single Sign On for Cross Domain applications
- **SCIM** for simplified user management in the Cloud by defining a schema for representing users and groups
- **RESTful APIs** for all identity functions for customization and headless operations

Truly Multi-Tenant and highly scalable

- **Microservices** based architecture

KEY BENEFITS

- **Improved business responsiveness** - Get users productive faster through immediate access to key applications and systems
- **Enhanced User Productivity and Experience** by providing self-service and SSO

systems like Active Directory, administrators can utilize automated synchronization of users and Single Sign On.

- **User Authentication Service:** This service implements standard OpenID Connect (OIDC) 3-legged User Authentication flows on top of the standard OAuth2 protocol. Interactive web-based and native applications leverage standard browser-based OIDC flows to request user authentication, receiving standard JWT-based identity tokens conveying the user's authenticated identity.
- **Identity Federation Service:** This service provides support for standard SAML2 Browser POST Login & Logout Profiles.
- **Token Service:** This service provides support for standard 2-legged and 3-legged interactions covering User Authentication, User Consent, Identity Propagation and Web Service Authorization patterns.
- **Reporting Service:** This service generates dashboard information and reports from collected audit data.

Open and Standards-based Integration

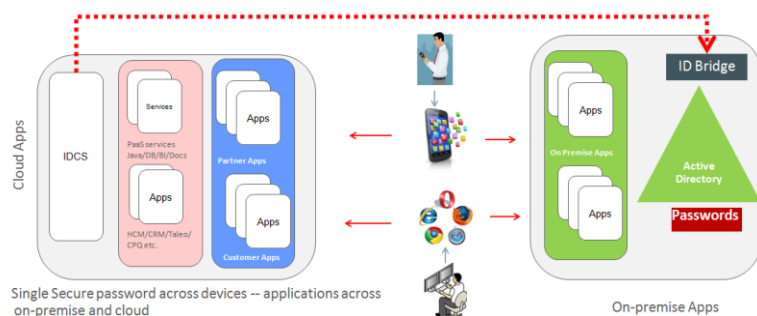
Oracle Identity Cloud Service provides 100% API coverage of all product capabilities for rich integration with custom applications. It provides compliance to open standards such as SCIM, REST, OAuth and OpenID Connect for easy application integrations. Customers can easily consume these APIs in their applications to take advantage of identity management capabilities.

Secure defense in depth

Oracle Identity Cloud Service provides strong security engine that customers can use to protect all IaaS, SaaS and PaaS applications. It provides security at logical, physical and data layers for custom PaaS and IaaS applications as well as Oracle-hosted IaaS, SaaS and PaaS services. Customers can define their own security control by defining authentication and authorization policies. Via API layers its Integration-ready with Behavioral Risk Analytics, Audit Logging, Identity Context and Policy Violations from third party vendors in application access policies.

Hybrid Identity Management

Oracle Identity Cloud Service seamlessly integrates with on-premises identities in Active Directory to provide Single Sign On between Cloud and On-Premise applications. Through its Identity Bridge component IDCS can synchronize all the identities and groups from Active Directory into its own identity store in the cloud. This will allow organizations to leverage their existing investment in Active Directory and they can extend their services to Oracle Public Cloud and external SaaS applications.



Oracle Identity Cloud Service can be integrated with On-Premise governance solution

capabilities.

- **Hybrid Multi Channel Access** – one click access to all your on-premise and cloud based services. One click management for your users through an easy to use self service interface across all your on-premise and cloud applications.
- **Simplified IT and Reduced Cost** by leveraging existing directory infrastructure and extending to SaaS. No upgrades, no maintenance.

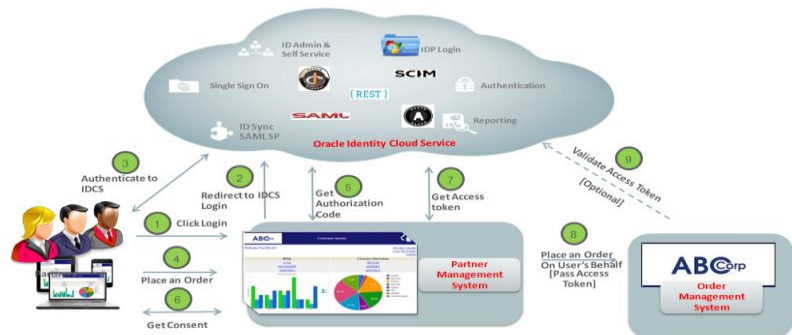
via OIM Connector for identity synchronization and OAM for federation. With this approach customers can take advantage of both on-premise governance solution for access certification, segregation-of-duties and compliance reporting while taking benefits of cloud to integrate with cloud applications. This will give them complete control of when they want to move their identities from on-premise into cloud completely.

Seamless Access to Cloud Applications

Identity Cloud Service provides integration with any service that can be integrated via SAML and OpenID Connect for Single Sign On. Administrations will be able to manage users into various applications via single control panel and end users will be able get to applications via single click.

Modernize your applications in the Cloud

Customers who want to modernize their applications in the cloud can host Identities in the cloud can leverage Identity Cloud Platform as their IDP. These customers can build applications rapidly and secure it with cloud IDM in minutes, not months.



With capabilities like self profile management and self password management, customers can keep their helpdesk costs low while maintaining or improving the quality of their end user experience. These applications can take advantages of authentication, authorization and open standards of IDCS platform.

CONTACT US

For more information about Oracle Identity Cloud Service, visit oracle.com or call +1.800.ORACLE1 to speak to an Oracle representative.

ORACLE

CONNECT WITH US

- blogs.oracle.com/oracle
- facebook.com/oracle
- twitter.com/oracle
- oracle.com

Hardware and Software, Engineered to Work Together

Copyright © 2016, Oracle and/or its affiliates. All rights reserved. This document is provided for information purposes only, and the contents hereof are subject to change without notice. This document is not warranted to be error-free, nor subject to any other warranties or conditions, whether expressed orally or implied in law, including implied warranties and conditions of merchantability or fitness for a particular purpose. We specifically disclaim any liability with respect to this document, and no contractual obligations are formed either directly or indirectly by this document. This document may not be reproduced or transmitted in any form or by any means, electronic or mechanical, for any purpose, without our prior written permission.

Oracle and Java are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their respective owners.

Intel and Intel Xeon are trademarks or registered trademarks of Intel Corporation. All SPARC trademarks are used under license and are trademarks or registered trademarks of SPARC International, Inc. AMD, Opteron, the AMD logo, and the AMD Opteron logo are trademarks or registered trademarks of Advanced Micro Devices. UNIX is a registered trademark of The Open Group.