

Oracle Hospitality OPERA Cloud Identity Management Identity Federation Overview



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The Oracle logo, consisting of a solid red square with the word "ORACLE" in white, uppercase, sans-serif font centered within it.

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Oracle Hospitality OPERA Cloud Identity Management Identity Federation Overview, Release 23.1.1

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Preface

Purpose

This guide explains the identity federation feature of OPERA Cloud. Identity federation can be used by customers to set up single sign on with OPERA Cloud using their identity provider.

Audience

This document is intended for OPERA Cloud Services application users.

Customer Support

To contact Oracle Customer Support, access the Customer Support Portal at the following URL:

<https://iccp.custhelp.com>

When contacting Customer Support, please provide the following:

- Product version and program/module name
- Functional and technical description of the problem (include business impact)
- Detailed step-by-step instructions to re-create
- Exact error message received
- Screen shots of each step you take

Documentation

Oracle Hospitality product documentation is available on the Oracle Help Center at

<http://docs.oracle.com/en/industries/hospitality/>

Revision History

Table Revision History

Date	Description of Change
March 2024	Initial Publication

1

Introduction

OPERA Cloud Identity Management provides the capability of identity federation by determining which customers can integrate their identity provider with OPERA Cloud to implement single sign on with OPERA Cloud. Leveraging OPERA Cloud Identity Management's identity federation feature, customers can use their corporate credentials to log on to OPERA Cloud, which eliminates the necessity to separately manage users and their access to OPERA Cloud.

OPERA Cloud Identity Management Identity Federation is based on the SAML 2.0 standard and can be integrated with any SAML 2.0 compliant identity provider.

Terminologies

The below terminologies are commonly used in OPERA Cloud Identity Management and are associated with Identity federation.

- **Identity Provider (IDP):** Identity provider is a service that provides identifying credentials and authentication for users. It is the system where actual user credentials are stored and is also the source of truth for users and their access.
- **Service Provider:** A service (such as an application, website, and so on) that calls upon an IdP to authenticate users. In this case, Oracle Hospitality OPERA Cloud is the SP.
- **Metadata File:** An IdP-provided XML-based document that provides the required information to an SP to federate with that IdP. Oracle Hospitality OPERA Cloud supports the SAML 2.0 protocol, which is an XML-based standard for sharing required information between the IdP and SP.
- **Federated Customer:** The OPERA Cloud customer who is using the identity federation feature in OPERA Cloud Identity Management to enable SSO for OPERA Cloud using their identity provider.
- **Federated User:** A user who logs in to Oracle Hospitality OPERA Cloud using a federated IdP login.
- **JIT:** Just-In-Time provisioning (JIT) is a feature in OPERA Cloud Identity Management Identity Federation which will create or update a federated user as soon as that user logs in to OPERA Cloud using IDP login.

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User Provisioning Options

OPERA Cloud Identity Management provides the below three options for user provisioning for a federated customer.

- Just-In-Time provisioning (JIT)
- Microsoft Azure AD Synchronization
- SCIM APIs

Just-In-Time Provisioning (JIT)

Just-In-Time (JIT) Provisioning is a SAML protocol-based method that is used to create users the first time they log in to OPERA Cloud application through an identity provider. This eliminates the need to provision users or manually create user accounts.

Microsoft Azure AD Synchronization

An OPERA Cloud customer can use Microsoft Azure AD Synchronization if their identity provider is Microsoft Azure Active Directory. This option provides seamless synchronization of users, groups, and group memberships from Microsoft Azure AD (identity provider) to the OPERA Cloud Identity Management's customer OCI IAM Identity Domain (service provider).

SCIM API

System for Cross-domain Identity Management (SCIM) is an Internet Engineering Task Force (IETF) standard protocol that enables user provisioning across identity systems. OPERA Cloud Identity Management hosts a SCIM endpoint for provisioning federated users into OPERA Cloud Identity Management's OCI IAM Identity domain. This option can be utilized by customers if they have a SCIM compliant identity provider.