Oracle® Hospitality OPERA to Cloud Migration - On-Premise Client Application

Release Notes
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ORACLE

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Preface

The OPERA to Cloud Migration (OCM) utility facilitates the migration of Oracle Hospitality OPERA Property Management System on-premise data values to OPERA Cloud.

Purpose

These Release Notes provide a brief overview of additions, enhancements, and corrections implemented in this software release. Their intent is informative, not instructional. Review the OPERA to Cloud Migration (OCM) product documentation, including technical and application advisories for previous versions, for detailed information on installation, upgrade, configuration, and general use.

Audience

This document is intended for All Sales, Pre-Sales, PM, Cloud Admin, Consulting, Data Migration Team, Development, Support, and Cloud Enablement.

Customer Support

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

https://support.oracle.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 and any associated log files
- 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 1 Revision History

Date	Description of Change
February 2020	• Initial publication

Features and Updates

The OPERA to Cloud Migration (OCM) utility facilitates the migration of Oracle Hospitality OPERA Property Management System on-premise data values to OPERA Cloud. OCM is comprised of the following components designed to work together:

OCMP (OPERA Cloud Migration Portal) – Used by all Oracle employees. OCMP enables Oracle employees to create, manage, and track data migration projects.

OCMO (OPERA Cloud Migration On Premise) – Used by customers and migration team. The OCMO application is deployed on the customer database server and supports 64/32 bit. OPERA customers and the Oracle migration team run OCMO to generate the evaluation XML report back up and move the Oracle database from the on-premise server to SFTP server. OCMO is also used to run the on-premise database health check and to run the Oracle RMAN backup, which includes the backup of archive files.

OCMS (OPERA Cloud Migration Server) – Accessible from the OCMP portal and used by migration technicians to download backup files from SFTP and restore on-premise database in the migration server.

SaaS Pull – A utility that runs from the Production server to pull data from the Migration server. Handles most of the migration scenarios from on premise to Cloud.

> **Note:** Please be aware that only the OCMO application is available to customers. The other OCM applications are described in this document for reference purposes only and are not customer-facing.
> For product support and logged defects, the OCMO application product identifier is 13892.

OCMO

Below are some of the important new functionality and enhancement highlights for the OCMO application:

Table 2 Functionality and Enhancements

Component	Functionality	Description
OCMO	Evaluation Report	The migration team can run this report to gather important information from the on-premise database and view it in XML format.
OCMO	Run Multiple Fresh RMAN Backups	Migration technicians can use OCMO to generate a RMAN backup for testing as well as for live migration.

Component	Functionality	Description
OCMO	Check List Validation	OCMO provides a list of pre-validation. This pre-validation list helps the migration team resolve issues encountered prior to testing or going live.
OCMO	Available Disk Space	This feature provides available disk space in both the local on-premise server as well as the SFTP server.
OCMO	Designed to Avoid Vulnerability	OCMO uses secured components, consisting of both third-party components and libraries.
OCMO	Oracle RMAN and Archive Files	To speed up the restore process, OCMO provides Initial and final steps to generate RMAN and Archive files separately. In addition, OCMO uses strong Oracle commands to generate and secure these files.
OCMO	Easy Way to Access SFTP	The migration team can access the SFTP server using a specific MIGID instead of using incomplete user names that might miss network privileges.

OCMP and OCMS

Below are some of the important new functionality and enhancement highlights for OCMP and OCMS applications:

Note: These applications are not customer-facing.

Table 3 New Functionality

Component	Functionality	Description
OCMP	Secured Access via SSO	Granted Oracle employees can access OCMP via the Single Sign-On (SSO), which is the same as other Oracle portals.
OCMP	Automated Email and Notifications	This feature generates and sends automated emails to the assigned resources for the migration project.

Component	Functionality	Description
OCMP	Evaluation Report	This report reads the generated XML format generated by OCMO and makes it readable for the employees in OCMP.
OCMP	Workflow	Depending on the project task completion, OCMP provides automated and manual workflow updates similar to JIRA.
OCMP	Estimation	This feature provides an automated estimation for the migration team, which they can use to adapt and adjust the migration based on the migration requirement.
OCMP	Advanced Search Criteria for Analytical Purposes	This feature provides multiple search criteria to help Oracle employees check the status of migration requirements.
OCMP	Historical Data	All the migration projects are recorded in OCMP, so they can be used as a learning resource for the new requirement.
OCMP	Secured Encryption Key	OCMP handles encryption keys used for the database decrypt/encrypt restore.
OCMP	Migration Server Validation	This feature provides a strong mechanism to confirm the availability of the migration server to avoid any migration delay.
OCMS	Fully Automated to Restore On-Premise Database	OCMS provides a strong process to restore the on-premise database in the migration server. This process covers the download of the desired OPERA upgrade and the download of the required RMAN and Archive files related to a specific MIGID. It also performs the database recovery and upgrades Oracle and OPERA to the correct desired target database version.

Component	Functionality	Description
OCMS	Secured Components	OCMS uses an encryption mechanism to fully restore the on-premise database.