

Oracle[®] Hospitality Integration Platform

Release Notes



Release 24.1

F92952-01

April 2024

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 Integration Platform Release Notes, Release 24.1

F92952-01

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Preface

Oracle Hospitality Integration Cloud Service and OPERA Cloud Foundation users are authorized to access the following modules and features:

- Oracle Hospitality Integration Platform including Oracle Hospitality Developer Portal and Hospitality REST APIs.

Purpose

The Release Notes provide a brief overview of additions, enhancements, and corrections implemented in this software release. Their intent is informative, not instructional. Review Integration Platform's product documentation, including technical and application advisories for previous versions, for detailed information on installation, upgrade, configuration, and general use.

Audience

The Oracle Hospitality Integration Platform User Guide is intended for customers and partners who develop applications with the Oracle Hospitality Integration Platform.

Customer Support

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

<https://iccp.custhelp.com>

When contacting Customer Support, include specific information, such as the end point you are calling, the Gateway URL, and so on. In addition, please provide the following information in the service request form:

- Functional and technical description of the problem (include business impact)
- Detailed step-by-step instructions to re-create
- Exact error message received
- Screenshots of each step you take

Support Request

Partners and customers will see the following prompts when logging a support request:

- Enter the Production URL.
- Enter the Production API Call Gateway.
- Enter the Production End Point URL.
- Enter the Production OPERA Instance URL.
- Enter the Chain.
- Enter the Property.

- Enter the User.

If the request relates to the Streaming API, also include the following:

- Confirm whether the environment card shows “Streaming Enabled.”
- Enter the applicationId. This can be found by going to the OHIP Developer Portal, opening the application that is being used for the streaming API, and copying the last part of the URL, which is a number.
- Confirm that changes are occurring in the environment to which Business Events are subscribed.
- Enter the client being used to access the Streaming API:
 - Postman
 - GraphiQL
 - Oracle sample NodeJS client
 - Your own code
- Enter the error messages (if any) that are being received.

Related Documentation

For more information, see the following documents:

- Oracle Hospitality Integration Platform Secure Development Guide
- Oracle Hospitality Integration Platform User Guide
- Oracle Hospitality Integration Platform Licensing Guide

Oracle Hospitality product documentation is available on the Oracle Help Center at <http://docs.oracle.com/en/industries/hospitality/>.

Table 1 Revision History

Date	Description of Change
December 2020	Initial Publication
February 2021	Release 21.1
March 2021	Release 21.2
May 2021	Release 21.3
July 2021	Release 21.3.1
November 2021	Release 21.4
December 2021	Release 21.4.1
February 2022	Release 22.1
March 2022	Release 22.1.1
April 2022	Release 22.2
June 2022	Release 22.3
October 2022	Release 22.4
February 2023	Release 23.1
May 2023	Release 23.2

Table 1 (Cont.) Revision History

Date	Description of Change
June 2023	Added API Catalog to Release 23.2 — May 2023 section.
August 2023	Release 23.3
November 2023	Release 23.4
December 2023	In the Streaming API Parameter release note, added a link to the 'Retrieving the Latest Message' user guide topic.
April 2024	Release 24.1

1

What's New for Oracle Hospitality Integration Platform

Learn about the new and changed features of Oracle Hospitality Integration Cloud Service.

Release 24.1 — April 2024

Feature	Description
Call Type Included on Analytics Download	The ability to specify call type on analytics now filters through to the downloads report allowing users to analyze call usage by streaming and REST API calls.
Contact Information Mandatory on Applications	Contact information is now mandatory on applications allowing users to specify the correct email and phone number in case of incidents and alerts.
Enterprise Access for Customers on OPERA Cloud Identity Management	OPERA Cloud Services users with multiple chain level access can now select the chain they want to administer while logging in to the Oracle Hospitality Integration Platform customer portal. This also allows the user to switch between chains in the customer portal without the need to log in again. For more information, see Signing In to the Oracle Hospitality Developer Portal in the Oracle Hospitality Integration Platform User Guide.
Migration Feature for Seamless Transition from SSD Environments to OPERA Cloud Identity Management Environments	Provides a seamless transition for Oracle Hospitality Integration Platform customers by migrating their existing partner connections, applications, streaming configurations, API access, and analytics in the developer portal when migrating from SSD to OCIM. This also provides a pre-migration capability that enables customers and partners to prepare for migration by allowing them to regenerate client credentials in advance of the actual migration date, thereby reducing the time needed to switch to a client credentials-based authentication. For more information, see Migrating to Client Credentials-Based Authentication Scheme in the Oracle Hospitality Integration Platform User Guide.

Feature	Description
OPERA Cloud Services Property APIs	<p>The OPERA Cloud Services property APIs have been updated to OPERA Cloud Services version 23.5.</p> <p>New and Updated API Operations</p> <p>New operations:</p> <ul style="list-style-type: none"> • stayRecords Asynchronous Operation — A new asynchronous operation called stayRecords is available in a new CRM Asynchronous API. This allows you to import stay records into OPERA Cloud, for example when moving from another Property Management System. • blockAllocationProcess Asynchronous Operation — A new asynchronous operation called BlockAllocationProcess is available in the Block Asynchronous API. This allows you to update a block's room grid, including inventory and rates. Using this operation ensures that updates for large blocks with multiple room types have time to process and update OPERA Cloud efficiently. • blockChangesByTimeDate — A blockChangesByTimeDate operation is added to the Block API. You can search for blocks created, updated, and/or deleted within a maximum 3-day date range. The response includes block id, block code, array of external system and external system id, block start date, block end date, room status, catering status (if applicable), and last change date and time. If a block was created and deleted in the time period of your search, the query does not return this information. If a block is created and updated, the create information is returned. If a block is updated only, it returns the update. If a block is updated and deleted, it returns the delete. • get/put/removeCutoffSchedule — Three new operations are added to the Block (BLK) API: getCutoffScheduleDetails, putCutoffScheduleCode, and removeCutoffScheduleCode. Use these operations to fetch details about a blocks cutoff schedule, or to update the cutoff schedule, or delete the cutoff schedule. • vacantRoomStatus — The following operations are available in the Room Configuration API: <ul style="list-style-type: none"> – getVacantRoomStatus — You can use this to fetch vacant room status configuration. – postVacantRoomStatus — You can use this to create new vacant room status configuration. This can be for specific room types for a defined date range, number of days, or both date range and number of days together. – putVacantRoomStatus — You can use this to update an existing vacant rooms status configuration. – deleteVacantRoomStatus — You can use this to delete existing vacant room status configuration. <p>Updated operations:</p> <ul style="list-style-type: none"> • getBlockAllocationSummary — When calling the getBlockAllocationSummary operation in the Block Asynchronous API, with request parameters startLastModifiedDate and endLastModifiedDate, block change log entries are also considered along with the block header update date. This ensures that all block changes are considered when calling this operation. • getBlocks and putBlocks — The getblocks and putblocks operations in Block (BLK) API are updated with an autloadForecastGrid element. • getProfileMembershipStatistics and getMembershipIssueAwardsList — The getProfileMembershipStatistics operation in the Customer Relationship Management API is updated with new query parameters (transactionDate, hotelId, confirmationNumber, limit, offset) and response body parameters (totalPages, offset, limit, hasMore, totalResults, count). This allows you to search membership transactions based on the transactionDate, hotelId, and confirmationNumber, along with paginations. • getRoomKeys — The getRoomKeys operation in the Front Office API now includes a query parameter called includeInactiveRoomKeys. Setting this to True allows any inactive room key details to be included in the response. • getInventoryItems and postInventoryItems — The getInventoryItems and postInventoryItems operations in the Inventory API include a TracesPerDay element. Setting TracesPerDay to true creates the traces for all inventory days in the reservation. • Get, Post, Put, and deleteActivityBookings — In the Leisure Management API (LMS), the following operations are now available for use: <ul style="list-style-type: none"> – getActivityBookings

Feature	Description
	<ul style="list-style-type: none"> – postActivityBooking – putActivityBooking – deleteActivityBooking <ul style="list-style-type: none"> • getHotels — The getHotels operation in the Price Availability Rate (PAR) API is updated with a websiteAddress element in the response. This new element is within the hotelSummaryInfoType definition. • getRoomsSummary — The getRoomsSummary operation in the Room Configuration API now includes Room Status, Component Room Info, and Component Suite Info in the response. • copyRatePlans — The copyRatePlans operation in the Rate API includes an approvalStatus element that allows rate code approval should the property have the Rate Code Approval OPERA Cloud Control activated. • getHotelReservations — The getHotelReservations operation in the Reservation API allows you to research by the externalReferenceLegId query parameter. This is useful when searching for itinerary reservations as they have the same confirmation number (external reference number) but different leg numbers. • Reservation — The postReservationLinksByChain, postReservationLinks, and postReservationLinksByExtId operations in the Reservations API provide a new, optional request attribute for hotelId to define the property where a given reservationIdList belongs. A new optional query parameter hotelId is added to the getReservationIndicators operation to define the property where a given reservationId belongs. The hotelid is needed when the reservationId is no longer unique across properties in a multi-tenant environment.

Release 23.4 — November 2023

Feature	Description
Hotel ID in Analytics Download	Analytics now provides aggregation by x-hotelids in the download report for the x-hotelids. This new parameter is available in the analytics search parameters.
Streaming API Parameter	A new optional parameter named 'offsetType' is added to the streaming API. This parameter only returns the latest event and previous events are not returned. Refer to the notes in the user guide for guidance and constraints on using this parameter.
Streaming Retry Buttons	If a system error occurs while configuring streaming applications in the OHIP developer portal, customers and partners can now retry the failed configuration without the need to reconfigure the entire application.
Nor1 Upgrades API	<p>The Nor1 Upgrades API now supports offer descriptions in multiple languages by passing the language code in the Accept-Language header parameter in the API request.</p> <p>The providerId header parameter is no longer mandatory.</p> <p>The following REST API operations are now available as v1 APIs:</p> <ul style="list-style-type: none"> • Get Upsell Offers • Post Upsell Offers

Feature	Description
OPERA Cloud Property APIs	<p>The OPERA Cloud property APIs have been updated to OPERA Cloud version 23.2. With this release, all operations are now available as v1. As announced on the Oracle Hospitality Integration Platform Upcoming Major Changes Customer Support Portal page, consumers should aim to move to v1 within the next 12 months. For example, this involves changing the following:</p> <pre>get {HostName}/rsv/v0/hotels/{hotelId}/reservations/{reservationId}/linked</pre> <p>to:</p> <pre>get {HostName}/rsv/v1/hotels/{hotelId}/reservations/{reservationId}/linked</pre> <p>See the list below for the new API capabilities. Among these APIs are the new Room Rotation features with the OPERA Cloud Room Rotation Service API and the OPERA Cloud Room Rotation Configuration Service API.</p> <p>These new APIs can be tested in any OPERA Cloud 23.2 environment. For integration partners, a new sandbox on OPERA Cloud 23.2 is coming soon.</p> <p>New APIs:</p> <ul style="list-style-type: none"> • deleteAdvanceRoomCharges • getCompPostingJournal • getFinancialPostingsNetVat • getFiscalSupportingDocuments • getHotelCreditCardWallet • getEligibleBillAmount • resendSupportingDocument • postFiscalInfo • postAwardTransaction • getReservationsForCommissions • getTravelAgentsForCommissions • getReservationStatusStatistics • getAiraLastRunStatus • getCommissionPaymentDetails • putRoomKeys • deleteTransactionDiscounts • getGlobalExchangeRatesInfo • getTransactionDiscounts • postTransactionDiscounts • deleteGlobalExchangeRates • setGlobalExchangeRates • putTransactionDiscounts • getHotelInterfaceControllerRegistry • getHotelInterfaceErrors • getHotelInterfaceFailedMessages • getHotelInterfaceSchemas • getBlockInventoryStatisticsMultipleHotelIds • getExternalYieldMarketType • deleteRoomOwnerReferral • deleteRoomOwner • getRoomOwnerReferrals • getProfileRoomOwners • postRoomRotationRules • postRoomOwnerReferrals • postRoomOwner • putRoomOwnerReferral • putRoomOwner • getReservationsSummary • postCancelShareReservation

Release 23.3 — August 2023

Feature	Description
Approve Partner Connections for Client Credentials-Based Authentication	An approval feature is now available within the Customer Developer Portal for client credentials authentication scheme-based partner integrations.
Authentication Scheme Details and Enterprise ID on Environment Card	The details for the authentication scheme supported by the environment now appear on the environment card within the Environments tab of the Developer Portal. This information enables developer portal users to understand which scheme to use per customer environment. The Enterprise ID relevant to that environment also appears on the environment card.
Request Environments for Client Credentials-Based Authentication	Self-service environment management within the Developer Portal enables partners to request connections for the client credentials authentication scheme.

*These features will only be available for Environments running on OPERA Cloud Identity Manager.

Release 23.2 — May 2023

Feature	Description
Oracle Hospitality Digital Learning	<p>Oracle Hospitality Digital Learning content is available for Oracle Hospitality Integration Platform (OHIP). There are two available Learning Paths for content:</p> <ul style="list-style-type: none"> • Oracle Hospitality Integration Platform (OHIP) Learning Path is designed for OPERA Cloud Foundation Customers who wish to access OHIP at their organization. The Oracle Hospitality Integration Platform (OHIP) Learning Path will provide an overview of the benefits, highlight features, and provide instruction on the fundamentals of OHIP. • Oracle Hospitality Integration Platform (OHIP) for Integrators Learning Path is designed for Oracle Hospitality Integration Cloud Service Integrators (also known as Integration Partners) who wish to access OHIP. The Oracle Hospitality Integration Platform (OHIP) path will provide an overview of the benefits, highlight features, and provide instruction on the fundamentals of OHIP. <p>Learning Paths are also available for other Oracle Hospitality products including Oracle Hospitality OPERA.</p>
API Catalog	If an application uses the Oracle Integration Cloud (OIC) Hospitality Adapter, users can now subscribe to this through the Developer portal by selecting the API Catalog subscription. The API Catalog programmatically lists all the endpoints that can be called by a given application key in Oracle Integration Cloud (OIC) Hospitality Adapter.
Front Desk Operations Service	<p>The following new REST API operation is available in OPERA Cloud 23.2:</p> <ul style="list-style-type: none"> • <code>getReservationStatusStatistics</code> <p><code>getReservationStatusStatistics</code> is provided to fetch current business date counts for reservations that are in the status of Due Out, Checked Out, Due In, and Checked In, grouped by room class and room types.</p>

Feature	Description
New Distribution APIs	<p>Early Release Distribution Book API</p> <ul style="list-style-type: none"> • Meal plan information, points of interest, and transportation information around the property (if defined by the property user) are now returned as part of the booking response and retrieval of the booking. • It is now possible to include the address, email, and phone number of a company associated with the booking. • It is now possible to indicate a sub-channel code when making and modifying a booking. • Luhn Algorithm is now used for credit card validation in case a token is not provided. If the applicable guarantee requires a credit card to be provided, the reservation will not be created if the algorithm does not accept this credit card number. • The release time of the guarantee policy is now returned in the booking response. After that time, a booking without a guarantee may be canceled by the property. • The new element guarantee Type can now be used to create a reservation using OTA industry standard guarantee types. The Guarantee Code can still be used as an alternative if the channel prefers to send the OPERA guarantee code instead. <p>Early Release Distribution Content API</p> <ul style="list-style-type: none"> • A new Content API has been introduced to allow channel partners to retrieve property information. It can be used in conjunction with Shop, Book, and Reservation Notification to retrieve additional content made available for the channel and to facilitate the onboarding of properties on the channel. <p>Early Release Distribution Reservation Notification API</p> <ul style="list-style-type: none"> • It is now possible to include the address, email, and phone number of a company associated with the booking. • OPERA Package element codes (services) can now be added to a specific reservation via reservation notification messages. • The new element guarantee Type can now be used to create a reservation using OTA industry standard guarantee types. <p>Early Release Distribution Shop API</p> <ul style="list-style-type: none"> • A new Property Availability Calendar operation is now available. It allows external channels to retrieve a list of arrival dates, availability status, and pricing information for a date range between 1 and 62 days maximum. This API can be used to present an availability calendar on a web booking engine. The pricing returned will be the lowest public rates available for each arrival date. • It is now possible to shop availability by promotion codes. Multiple promotion codes can be used in one single request. All rates associated with those promotion codes will be returned if available. • Alternate property is now only returned if available for the requested dates. • The guarantee Type using OTA industry standards and the property system guarantee code (non-standard) are now returned in Shop responses.
OPERA Property Asynchronous APIs	<p>From OPERA Cloud 22.5 forward, an enhancement was made to validate the externalSystemCode in the URL of Asynchronous APIs. Before calling these APIs, verify that you have created an external system in OPERA Cloud by following steps 1 and 2 in the Configuring the Polling Subscription topic.</p>
OPI Token Exchange Service API	<p>This new API is the first OPI service available via OHIP.</p> <p>Reservations created via third-party channels often include a credit card number to secure the booking. The openPaymentBulkTokenExchange API allows partners to exchange the credit card numbers for tokens using the Payment Service Provider to which OPERA Cloud is integrated for payment processing. The tokens are then stored in OPERA against the reservation and can be used as needed for subsequent payments.</p>

Release 23.1 — February 2023

Feature	Description
API Documentation	Enhanced API specifications offering the following: <ul style="list-style-type: none"> • Quicker performance on loading the specs. • Ability to search within the embedded documentation.
Business Use Cases	Business Use Cases is a new page in the developer portal with frequent business use case articles that enable users to gain a greater understanding of complex use cases when building apps. This includes the following articles with more articles coming soon: <ul style="list-style-type: none"> • Blocks • Business Events and Streaming • Nor1 Upsell • Payments • Property Interface - Posting Charges • RMS - Revenue Management Systems
Security Guide Banner	A banner with a link to the security guide now appears when users first log in to the applications page. This banner provides clear guidance on how to securely create your app.
Streaming Enabled for OPERA Cloud 22.3.0.1+	Streaming is now automatically enabled on every gateway protecting OPERA Cloud environments on OPERA Cloud version 22.3.0.1+. To get started, customers must engage with Oracle Professional Services.
Early Release Distribution Book API	<ul style="list-style-type: none"> • Meal plan information, points of interest, and transportation information around the property, if defined by the property user, are now returned as part of the booking response and retrieval of the booking. • The address, email, and phone number of a company associated with the booking can be included. • A sub-channel code can be indicated when making and modifying a booking. • Luhn Algorithm is now used for credit card validation if a token is not provided. If the applicable guarantee requires a credit card and the algorithm does not accept the credit card number, the reservation will not be created. • The release time of the guarantee policy is now returned in the booking response. After that time, a booking without a guarantee can be canceled by the property.
Early Release Distribution Reservation Notification API	It is now possible to include the address, email, and phone number of a company associated with the booking.
Early Release Distribution Shop API	<p>A new Property Availability Calendar operation is now available. It allows external channels to retrieve a list of arrival dates, availability statuses, and pricing information for a date range between 1 and 62 days maximum. This API can be used to present an availability calendar on a web booking engine. The pricing returned will be the lowest available public rates for each arrival date.</p> <p>With this API, you can shop availability by promotion codes. Multiple promotion codes can be used in a single request, and all available rates associated with those promotion codes will be returned.</p>
Nor1 Integrated Upsell API	<p>The Nor1 Integrated Upsell API is the first Nor1 service available via OHIP. The API can be consumed to display upgrade offers to a hotel guest prior to arrival, and it allows instant fulfillment of the upgrade offer.</p> <p>Upgrade offers are based on the Nor1 Machine Learning/Artificial Intelligence and OPERA real-time inventory.</p> <p>The following operations are included in this API:</p> <ul style="list-style-type: none"> • <code>getUpsellOffers</code> — Allows a user to retrieve a list of available upsell offers. • <code>postUpsellOffers</code> — Allows a user to update a reservation with an offer selected. <p>To consume this API, the hotel must purchase the Nor1 eXpress Room Upgrade.</p>

Feature	Description
Property OPERA Cloud Cashiering API	The Cashiering API has been enhanced to enable many useful capabilities, such as creating, updating, and fetching the following: <ul style="list-style-type: none"> • deposit payments • billing payments • billing charges • fixed charges • routing instructions • folios • credit card authorizations • checkouts • hotel revenue • financial postings • guest transactions
Property OPERA Cloud Content Service API	The Content Service API has been enhanced with several additional capabilities, such as uploading and getting images and file attachments.
Property OPERA Cloud Rate API	The Rate API has been enhanced with several additional capabilities, such as <code>getRatePlans</code> , <code>postRatePlan</code> , <code>getRatePlan</code> , and the ability to manage rate plan schedules.
Property OPERA Cloud Reservations Asynchronous API	A new query parameter has been added to the existing Reservations Daily Summary operation to allow querying by last modified date. The Reservations Daily Summary resource now returns net rates as well as gross rates.

Release 22.4 — October 2022

Feature	Description
Unsubscribe from Events in Pending Status	Developer portal users can now unsubscribe from events that are pending approval or that are rejected to enable housekeeping of unwanted events.
Change an Event on Existing Event Subscriptions	Developer portal users can now directly update existing events in a subscription and resubscribe as required.
Edit Hotels for Existing Event Subscriptions	(Customer) Developer portal users can now edit hotels to existing event subscriptions for both customer and partner applications.
Filter by Streaming or REST	Developer portal users can now filter Analytics by REST APIs or Streaming for better analysis of API/Events utilization.
Filter on Deprecated APIs	Developer portal users can now use a predefined filter for Deprecated APIs to search and filter on APIs that have been deprecated. This feature is available on the API search page.
Enhanced Descriptions for Workflows	API users can now view improved descriptions of Postman Workflows to enable better visibility of the operation on the API Page.

Release 22.3 — June 2022

Feature or bug number	Description
Edit an Application Subscription	Developer Portal users can now edit an application subscription in the Subscriptions tab of the Applications page.

Feature or bug number	Description
Download CSV File in Analytics	Developer Portal users can now download analytics to a csv file. This is available on the Analytics page and on the Analytics tab at the application level.
Organization Filter on Analytics	Hotelier Developer Portal users can now filter analytics by organization. This includes the ability to filter on specific partner integrations calling their environments.
Early Release Distribution Book API	New operations are available to Developer Portal users joining the OPERA Cloud Distribution Early Adopter Distribution Program. These new operations enable a partner using Distribution Shop API to hold and cancel reservations. The following new operations are available: <ul style="list-style-type: none"> postOnHoldReservation postCancelReservation

Release 22.2 — April 2022

Feature or bug number	Description
Delete an Application	Developer Portal users can now delete an application in the Applications page of the Developer Portal.
Remove an Environment	Developer Portal users can now remove an environment in the Environments page of the Developer Portal.
Reissue Client Secret on Environments	Developer Portal users can now reissue their Client Secret on any environment in the Environments page of the Developer Portal.
Enhanced Error Messages when Adding Environments	Partner Portal users can now view more informative error messages when the add environment feature encounters an error. This enhancement speeds up support resolution by enabling users to identify the exact cause of the error and then quote both the error message and the error code when raising a My Oracle Support ticket.
Partner Owned Lab Environments Automatically Added	Partner owned OPERA labs are automatically added to the Environments page of the Developer Portal.

Release 22.1.1 — March 2022

Feature or bug number	Description
Call Usage Alerting	Usage Alerts will send an email when your usage is getting near to or has exceeded the limit assigned for calls to a given environment by a given application. This can be configured on the Usage Alerts tab in the Applications page.
Early Release Distribution Shop API	This new API is available to Developer Portal users joining the OPERA Cloud Distribution Early Adopter Distribution Program. It enables a partner to query availability for a list of properties and view specific offer details. The following operations are included in this API: <ul style="list-style-type: none"> getProperties getPropertyOffers getPropertyOffer

Feature or bug number	Description
Early Release Distribution Book API	<p>This new API is available to Developer Portal users joining the OPERA Cloud Distribution Early Adopter Distribution Program.</p> <p>It enables a partner using Distribution Shop API to create, modify, and cancel reservations.</p> <p>The following operations are included in this API:</p> <ul style="list-style-type: none"> • postReservation • putReservation • postCancelReservation
Early Release Distribution Reservation Notification API	<p>This new API is available to Developer Portal users joining the OPERA Cloud Distribution Early Adopter Distribution Program.</p> <p>It enables channels to deliver reservations from external distribution systems to hotel systems (creation, modification/cancellations).</p> <p>The following operations are included in this API:</p> <ul style="list-style-type: none"> • postReservationNotif • putReservationNotif • postCancelReservationNotif
Activity API	<p>The following new operations are available in OPERA Cloud 21.5:</p> <ul style="list-style-type: none"> • deleteActivityAttachmentWithoutHotelId
Accounts Receivables API	<p>The following new operations are available in OPERA Cloud 21.5:</p> <ul style="list-style-type: none"> • putInvoiceDetails
Availability (PAR) API	<p>The following new operations are available in OPERA Cloud 21.5:</p> <ul style="list-style-type: none"> • getHotelAvailabilityCRO • validateReservationGuarantees
Cashiering API	<p>The following new operations are available in OPERA Cloud 21.5:</p> <ul style="list-style-type: none"> • authorizeCreditCardAmountByProfile • getCCAAuthorizationInstructionsByProfile • getMaturedDeposits • postZeroBalanceCheckoutReservations
Content Service API	<p>The following new operations are available in OPERA Cloud 21.5:</p> <ul style="list-style-type: none"> • getCustomizedLetter • emailFolioReport • setCustomizedLetter • getFolioReport • getRegistrationCard
Events API	<p>The following new operations are available in OPERA Cloud 21.5:</p> <ul style="list-style-type: none"> • changeEventsResourcesByChain
Export Configuration API	<p>The following new operations are available in OPERA Cloud 21.5:</p> <ul style="list-style-type: none"> • getExportColumnsAndFunctions • postExportSchedules • deleteExistingExportMappings • deleteExportMappings • getExportSchedules

Feature or bug number	Description
Front Desk API	<p>The following new operations are available in OPERA Cloud 21.5:</p> <ul style="list-style-type: none"> • associateCommissionAgentToReservations • calculateCommissions • changeCommission • changeCommissionCheck • changeCommissionPaymentActivityByRange • discardCommissionChecks • getBankAccounts • getCommission • getCommissionNotes • getCommissionPaymentsActivity • getCommissions • getSuggestedRooms • processCommissionPayments • recalculateCommissionOnCodeChange • removeCommission • removeCommissionAgentFromReservations • reprintCommissionCheckByRange • setProcessingInstructions
LOV API	<p>The following new operations are available in OPERA Cloud 21.5:</p> <ul style="list-style-type: none"> • getAvailableProfileOwnerRoomsLOV
Reservations API	<p>The following new operations are available in OPERA Cloud 21.5:</p> <ul style="list-style-type: none"> • validateRateInfo • postReservationLinksByChain • deleteReservationLinksByChain • getSellMessageConfigByChain • postSellMessageConfigByChain • putSellMessageConfigByChain • deleteSellMessageConfigByChain • postReservationLinksByChain
Room Rotation Configuration API	<p>The following new operations are available in OPERA Cloud 21.5:</p> <ul style="list-style-type: none"> • getRotationPeriod • putRotationPeriod
Updates to API Operations	<p>The prefixes of some operation IDs have been updated in the OPERA Cloud 21.5 release, whereby:</p> <ul style="list-style-type: none"> • fetch is now called get • create is now called post • update is now called put • remove is now called delete <p>To align with the correct REST Standards, some operations in the following modules have been updated:</p> <ul style="list-style-type: none"> • Rate • Reservation Configuration • Reservation • Room Configuration • Front Desk • Front Desk Configuration • Event Configuration • Enterprise Configuration • CRM Configuration

Release 22.1 — February 2022

Feature or bug number	Description
API Search Engine	Enhanced Search capability is now available for the API page. You can now filter by modules, workflows, lifecycle, and method, or you can search by free text to find an API or operation that meets your business case. Search results include operation level details from which you can access links to the API documentation and the Postman sample.
Additional Postman Collections	There are now over 2000 sample messages by module in the Postman collection. In addition, there are now 20 sample workflows available in the Workflow Postman collection.
Enhancements to GraphiQL	The GraphiQL client, available via our public Github repository, has been enhanced with the following features: <ul style="list-style-type: none"> • Welcome message • getHelp feature • Clearer schema documentation • New optional “delta” input parameter for returning only changed fields • Automatic conversion of the scheme from https to wss in the URL field • Improved error checking, including resilience to slightly incorrect URLs • Save button has been removed with the Start button accomplishing all connection steps

Release 21.4.1 — December 2021

Feature or bug number	Description
Property Level Support on Adding Environments	On the Environments page, developer portal users can now add an environment using an integration user who has access only to specific properties within the chain.
Additional Early Adopter Property APIs	See the Early Adopter section in the user guide for details.
Early Release Distribution Reservation Notification API	This new API is available to Developer Portal users joining the Early Adopter Distribution Program.
New CRM API Operations	There is one new API operation in the OPERA Cloud Customer Relationship Management API list: <ul style="list-style-type: none"> • getAvailablePreferences
New FOF API Operations	There is one new API operation in the OPERA Cloud Front Desk Operations API: <ul style="list-style-type: none"> • getFrontOfficeStatisticsWithDateRange

Feature or bug number	Description
New FOFCFG API Operations	<p>There are 61 new operations in the OPERA Cloud Front Desk Master Data Management API.</p> <ul style="list-style-type: none"> deleteArticles getArticles postArticles putArticles deleteAuthorizationConfigRule postAuthorizationConfigRule putAuthorizationConfigRule deleteAuthorizerGroups getAuthorizerGroups postAuthorizerGroups putAuthorizerGroups getAutoFolioSettlementTypes postAutoFolioSettlementTypes deleteAutoFolioSettlementTypes putAutoFolioSettlementTypes getCashiers postCashiers putCashiers getAvailableCashierNumber deleteCommissionCodes getCommissionCodes postCommissionCodes putCommissionCodes createCompTypes changeCompTypes removeCompTypes deleteConfigBankAccounts getConfigBankAccounts postConfigBankAccounts putConfigBankAccounts deleteCurrencyExchangeServiceTaxes getCurrencyExchangeServiceTaxes postCurrencyExchangeServiceTaxes putCurrencyExchangeServiceTaxes fetchCustomTaxTypes createCustomTaxTypes removeCustomTaxTypes changeCustomTaxTypes getDailyPlanCodes putDailyPlanCodes deleteExpenseArrangementCodes getExpenseArrangementCodes postExpenseArrangementCodes putExpenseArrangementCodes deleteFiscalFolioParameters getFiscalFolioParameters putFiscalFolioParameters getFolioTypeLegendMappingsConfig createFolioTypeLegendMappingConfig changeFolioTypeLegendMappingConfig deleteAdjustmentCodes getAdjustmentCodes postAdjustmentCodes putAdjustmentCodes getCommissionCode getCompTypes removeFolioTypeLegendMappingConfig deleteStopProcessingReasons getStopProcessingReasons postStopProcessingReasons putStopProcessingReasons

Feature or bug number	Description
New LOV API Operations	There are four new API operations in the OPERA Cloud List of Values Management API: <ul style="list-style-type: none"> • getFiscalPaymentMethodsLOV • getRoomRotationGroupsLOV • getRoomRotationUnitGradesLOV • getOrganizationsLOV
BLK API	The API documentation for the getBlock API operation has been updated to align the sample message to the datatype.
BLK ASYNC API	The startBlockAllocationSummaryProcess API operation now accepts any date in the past or future.

Release 21.4 — November 2021

Feature or bug number	Description
Streaming API for Business events push	A new Steaming API for business event push is now available. This API is based on GraphQL Subscriptions and uses WebSocket as the transport. It enables real-time streaming of business events. From the Developer Portal, users can now configure and subscribe to business events generated across any OPERA Cloud property with streaming enabled. In addition, the GraphQL client is now available in our GitHub repository, so users can quickly and easily test their subscriptions. In this release, the streaming API is only available to the early adopters of this feature.
Analytics Page	An interactive analytics page is available in the developer portal enabling portal users to gain full insight into how the Oracle Hospitality REST APIs are used within an organization including total traffic, traffic success, and errors.
Application Analytics Tab	An analytics tab is available to enable portal users to view interactive analytical information about all of the APIs used at the application level.
Analytics Error Analysis	An error analysis table indicating http error status codes is now available.
Improve Description on Environment Tab to Include Organization Code	The description on the Environments page now includes both the customer name and the organization code to ensure all environments are uniquely named as more environments are onboarded.
OHIP Available in the JAPAC Region	OHIP is now available in the JAPAC region.
Additional Postman Collections	There are now over 1800 sample messages in our postman collection by module. Furthermore, there are now 9 sample workflows available in the Workflow postman collection.

Release 21.3.1 — July 2021

Feature or bug number	Description
Application Key Copy	The application key can now be copied from the Application Listing screen without going to view details. The copy functionality has also been added to the Details page for the application key.
Bookmark	It is now possible to bookmark the Developer Portal URL for partners so they no longer need to open it from the Oracle Cloud account every time.

Feature or bug number	Description
Application View Details	On the Applications page, it is now possible to open the View Details link on an application using the keyboard.
APIs Page Intermittent Errors	The APIs page now loads consistently.
Add Environment User Name	The integration user name field on the Add Environment feature now accepts all valid integration user names.
OPERA REST APIs	<ul style="list-style-type: none"> It is now possible to use getReservations to search for reservations using an external reference number. getAvailableUpsells now correctly returns upsell offers. It is now possible to filter getRoomTypes to retrieve only non-pseudo rooms (pseudo=false). It is now possible to filter getRoomTypes to retrieve only non-physical rooms (physical=false). The query parameter "fetchInstructions" is now consistently plural throughout the OPERA APIs. getReservationsById now returns as expected when the supplied reservationId is invalid. When specified in the fetchInstructions query parameter, the following fetchInstructions are now reflected correctly in the response body: Locator, GuestLastStay, and Routing.

Release 21.3 — May 2021

Feature or bug number	Description
Partner Sandbox	Partners can now view all the information required to call the Partner Sandbox environment in one place in the Developer Portal.
Developer Portal Environments Page	Once partners are ready to start calling a hotel's environments, partners can now obtain the clientId and clientSecret as well as the gateway URL directly in the Developer Portal. Customers can also view their environment details (clientId, clientSecret, and gateway URL).
Developer Portal Application Search Bar	You can now search through your list of applications using a search bar on the Developer Portal applications page.
Developer Portal Support for Wide Screens	The Developer Portal now supports wide screens.

Release 21.2 — March 2021

Feature or bug number	Description
API Throttling	The Oracle Hospitality PMS APIs are now throttled to 50 requests per second for a single OPERA environment.
New CRM API Operations	There are 5 new API operations in the OPERA Cloud Customer Relationship Management API.
New Asynchronous APIs	There are 3 new Asynchronous APIs — OPERA Cloud Block Reservation, OPERA Cloud Inventory, and OPERA Cloud Rate Plan.

Release 21.1 — February 2021

Feature or bug number	Description
Oracle Store	The Oracle Hospitality Integration Cloud Service is now available for purchase in the Oracle Store.

2

Supported Browser Compatibility

This chapter describes the web browsers requirements supported with Oracle Hospitality Integration Platform.

Web Browser Compatibility

For the browsers that are supported in accordance with the support policy, see the following URL:

[Oracle Software Web Browser Support Policy](#)

3

Features and Updates

This chapter describes the features and updates contained in this release:

Oracle Hospitality Integration Platform Developer Portal

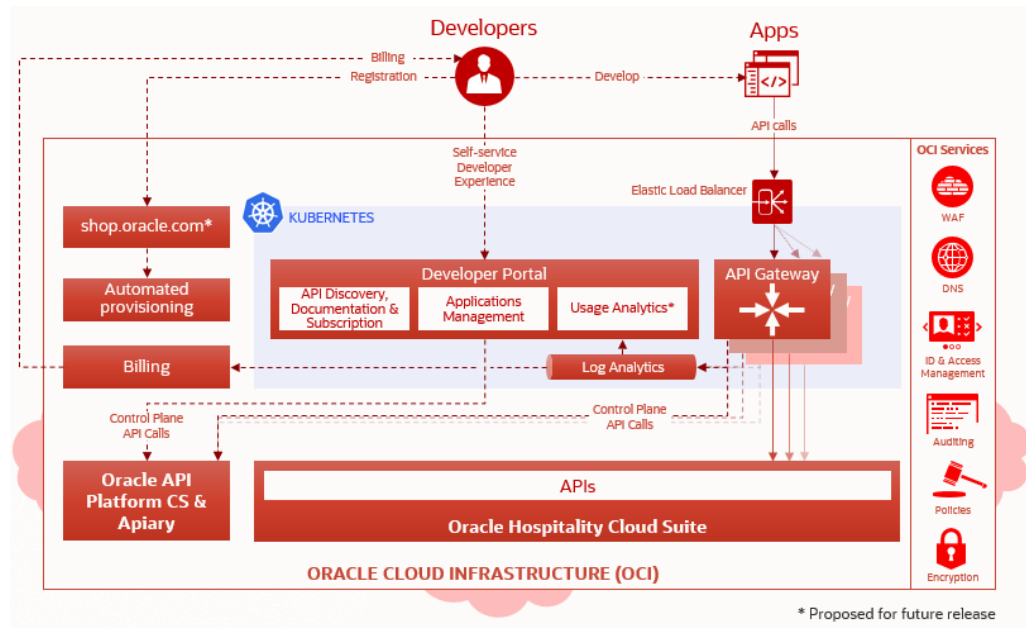
The Oracle Hospitality Integration Platform's developer portal (developer portal) is used by application developers to browse and subscribe to APIs and get the necessary information to invoke them.

Developers can use the developer portal to:

- Interactively search for available published Oracle Hospitality Integration Cloud Service APIs (Hospitality APIs).
- Discover which Hospitality API resources are available using the embedded Oracle Apiary API Documentation.
 - View the long-form description of the Hospitality APIs.
 - Discover the request and response schema along with example responses.
 - Interact with Oracle Apiary's mock and debugging servers.
- Register Applications to access application keys used to access both production and non production environments. You can register new applications from the Applications page.
- Manage your applications:
 - Edit applications and their contact details.
 - Show/hide the application key.
 - Re-issue application keys.
 - View Hospitality APIs subscribed to the application.
- View your Gateway information and ability to copy the gateway URL.

Technical Overview

The Oracle Hospitality Integration Platform (OHIP) is a Cloud Native solution architected from the ground up to meet the demands that our hospitality customers and partners are facing today in this digital age. The entire platform runs in Oracle Cloud Infrastructure (OCI), most specifically in Kubernetes, as fully stateless and independently deployable microservices. This modern architecture enables OHIP and its key components, such as the Developer Portal and API Gateways (the runtime component responsible for providing secure and rapid access to our Hospitality APIs), to be highly scalable and to securely handle high levels of throughput.



In addition, OHIP leverages a [3rd generation API Platform](#), namely the [Oracle API Platform Cloud Service](#) and [Apiary](#), along with many other Oracle Cloud services, in order to deliver a rich and responsive self-service developer experience end to end. The solution is modular and flexible, meaning that new features can be released on-demand without having to wait for long release cycles. The subsequent sections describe in more detail some of the main components of OHIP.

Released APIs

You can browse through the Hospitality APIs in the developer portal to review the available APIs.

Note:

APIs updated to OPERA Cloud Services 21.1

The version 1 (v.1) APIs available in the Oracle Hospitality Integration Platform includes all APIs new or updated in OPERA Cloud Services version 21.1; these are also backward compatible with OPERA Cloud Services version 20.2.

The following is the list of v.1 APIs that can be discovered. These are all documented in the developer portal and can be subscribed to, both for access to production and non production Oracle OPERA systems.

- **OPERA Cloud Activity API:** resources that expose Sales Activity functionality of OPERA Cloud. Activities provide an account management capability for overseeing daily tasks such as appointments, sales calls and contact follow-up. 9 operations are available to create, get, update, delete, and complete activities.

- **OPERA Cloud Block API:** caters for Business Block functionality in OPERA Cloud. A block is a group of rooms held for guests who are attending an event, meeting, or function. You can create blocks for family reunions, business conferences, weddings, and so on. You can also set aside rooms for the event (block).
- **OPERA Cloud Block Reservation Asynchronous API:** caters for Block Reservation asynchronous functionality in OPERA. In this release, 2 operations are available.
- **OPERA Cloud Customer Relationship Management API:** caters for Profile Management functionality of OPERA Cloud. There are different types of profiles in OPERA Cloud, including Guest, Company, Travel Agent, Source, Group, and Contact. A profile can store and display a wide range of information about the guest, company, travel agent, and so on. In this release, there are 6 operations.
- **OPERA Cloud (Sales) Event Management API:** the Events feature in OPERA Cloud is designed to manage any kind of catering activity. Events can be as simple as a one-hour reception or more complex, such as a three-day business meeting with meals, breaks, and specific meeting room with setup and resource requirements. Any group function can be an Event. 3 operations allow events to be retrieved.
- **OPERA Cloud Front Desk Master Data Management API:** resources that expose Master Data Configuration for Front Office Operations in OPERA Cloud. There are 61 operations available.
- **OPERA Cloud Front Desk Operations Service:** caters to Front Desk operations and statistics. Front Desk features some of the most commonly used operations in OPERA Cloud, such as managing guest arrivals, managing in-house guests, and managing guest departures. Some additional tasks you can complete from the Front Desk menu are room searches, room assignments, and quick check outs as well as opening folios, creating registration cards, setting wake up calls, and sending messages to guests. Three operations enable users to retrieve statistics on front office operations and on housekeeping operations and allow users to check in a reservation.
- **OPERA Cloud Housekeeping Service API:** resources that expose Housekeeping functionality of OPERA Cloud. Housekeeping enables scheduling of daily room cleaning, maintenance, and housekeeping staff activities. It provides information about room status, out of order/out of service rooms, and forecasting. 8 operations are available, which allow users to access a housekeeping overview - a summary of the status of all rooms - and another to update room status, set and unset rooms as out of service and/or out of order.
- **OPERA Cloud Integration Processor API:** resources that expose functionality to fetch Business Events generated in OPERA Cloud. 2 operations retrieve business events for one or multiple hotels.
- **OPERA Cloud Inventory API:** caters for Inventory functionality in OPERA Cloud. This includes sell limits for date ranges, viewing and updating the properties inventory, as well as item inventory (such as rollaways, microwaves, and so on.).
- **OPERA Cloud Inventory Asynchronous API:** caters for Inventory asynchronous functionality in OPERA. In this release, 4 operations are available.
- **OPERA Cloud List of Values Management API:** resources that expose List of Value (LOV) functionality of OPERA Cloud. A List of Values in OPERA Cloud can be configured by a property. Then by using this API, users can retrieve all configured codes. For example, Titles is a configurable LOV. A hotel can specify the titles they wish to use, and by fetching the LOV for title, codes that are configured for a property can be viewed. There are 449 operations available to retrieve various lists of values.
- **OPERA Cloud Price Availability Rate API:** Availability enables you to manage your room inventory by providing a detailed view of all available and sold rooms at a property.

Some of the tasks you can perform include defining conditions for stay restrictions, setting room sell limits, and searching for and viewing room availability. One operation is available to allow users to retrieve reservation guarantees.

- **OPERA Cloud Rate API:** Rate Availability functionality in OPERA Cloud. Rate Management provides all the tools you need to effectively define and manage the rate structures for a property in OPERA Cloud. Some of the things you can do include creating and managing rate codes, rate classes, rate categories, display sets, rate strategies, as well as managing promotion groups and codes. 3 operations are available.
- **OPERA Cloud Rate Plan Asynchronous API:** caters for Rate Plan asynchronous functionality in OPERA. In this release, 4 operations are available.
- **OPERA Cloud Reservation API:** resources that expose Reservations related functionality of OPERA Cloud, such as creating and updating reservations. Reservations are a central feature of OPERA Cloud. As a key source of information, the reservation specifies a guest's arrival date, departure date, room type, rate, packages, and many other details. It is also a gateway to dozens of other functions that contribute to the guest's experience. 25 operations allow users to create, get, update, cancel and reinstate a reservation, link and unlink reservations, validate reservation changes, mark a reservation as pre-registered, and revert a pre-registration get external reservations, search for reservations, add and remove upsells to reservations.
- **OAuth API:** a single resource that can be used to obtain JWT tokens based on Resource Owner Password OAuth grant.

Early Adopter API Program

The Early Adopter API Program offers program members early access to newly released “version 0” APIs. In your Developer Portal, these APIs are in a separate Early Adopter section, and you can discover and subscribe to these APIs within your registered application.

In this release of Oracle Hospitality Integration Cloud Service, Oracle is elevating the benefits of the Early Adopter program. Members of the program benefit from the following:

- Early access to all 3K+ API operations released (also known as “version 0” APIs).
- Best endeavors assistance provided by Oracle Hospitality Integration Cloud Service product management.
- The ability to provide feedback that can potentially influence the product roadmap.

 **Note:**

Please keep in mind that some of the (v.0) API capabilities offered as part of the early adopter program may be less stable than Production APIs and can experience some difficulties. Furthermore, our aim is to avoid breaking changes in v.0 APIs, however we cannot guarantee full backward compatibility as we roll out patches to improve functionality and/or usability of our early adopter APIs.

Also note that the best endeavors assistance provided by product management as part of the program is not subject to service level agreements (SLAs); however, we do offer a premium (paid) service for partners and/or customers who desire dedicated support. Please contact hospitality_apis_vw_grp@oracle.com if this is of interest.

As an early API adopter, we look forward to your active insight and feedback as we refine and improve these API capabilities together.

Early Adopter APIs

The following APIs are available for customers or partners who join the Early Adopter APIs program:

- **OPERA Cloud Accounts Receivables API:** caters for Accounts Receivables functionality in OPERA Cloud. The OPERA Cloud Accounts Receivable module enables you to manage debtors' accounts, invoices, and remittance.
- **OPERA Cloud Activity API:** caters for Sales Activity functionality in OPERA Cloud. Activities provide you with an account management tool for managing daily tasks such as appointments, sales calls, contact follow-up, and so on.
- **OPERA Cloud Activity Management API:** caters for Activity Configuration functionality in OPERA Cloud. In this module you can retrieve, create, update Activity configuration codes; for example create a new Activity Type.
- **OPERA Cloud Block API:** caters for Business Block functionality in OPERA Cloud. A block is a group of rooms held for guests who are attending an event, meeting, or function. You can create blocks for family reunions, business conferences, weddings, and so on. You can also set aside rooms for the event (block).
- **OPERA Cloud Block Configuration API:** caters for Business Block configuration functionality in OPERA Cloud.
- **OPERA Cloud Cashiering API:** caters for Cashiering related functionality in OPERA Cloud. Cashiering provides access to a guest folio, posting journals, receipt histories, currency calculations, credit card settlements, and check a guest out.
- **OPERA Cloud Channel Configuration API:** caters for Channel Management functionality in OPERA Cloud. Channel Management allows a property to configure and administer channels such as OTAs, and web channels, covering functionality such as channel configuration, availability, inventory and restrictions.
- **OPERA Cloud Customer Management Service API:** caters for Customer Management Service, such as Track-it items.
- **OPERA Cloud Customer Relationship Management (CRM) API:** caters for Customer Relationship Management (profile) functionality in OPERA Cloud. There are different

types of profiles in OPERA Cloud, including Guest, Company, Travel Agent, Source, Group, and Contact profile types. A profile can store and display a wide range of information about the guest, company, travel agent etc., depending upon the type of profile. For example, a guest profile can store the guest name, address, contact information, details on billing, membership benefits, preferences and much more. All profiles in OPERA when created are assigned a ProfileID. This ID will be used throughout the CRM APIs.

- **OPERA Cloud Customer Relationship Management (CRM) Master Data Management API:** caters for Customer Relationship Management (profile) configuration as well as Membership Configuration.
- **OPERA Cloud Data Value Mapping API:** The Data Value Mapping module offers capability to convert OPERA Cloud values to an external system's values or vice versa.
- **OPERA Cloud Enterprise Configuration API:** caters for Enterprise related functionality in OPERA.
- **OPERA Cloud Enterprise Room Configuration API:** caters for Room Configuration functionality in OPERA Cloud.
- **OPERA Cloud (Sales) Event Management API:** caters for Event Management functionality in OPERA Cloud. The Events feature in OPERA Cloud is designed to manage any kind of catering activity. Events can be as simple as a one-hour reception or more complex, such as a three-day business meeting with meals, breaks, and specific meeting room with setup and resource requirements. Any group function can be an Event.
- **OPERA Cloud Event Management Configuration API:** caters for Configuration functionality for Event Management in OPERA.
- **OPERA Cloud Export Master Data Management API:** caters for managing export master data configuration.
- **OPERA Cloud Front Desk Master Data Management API:** caters for Master Data Configuration for Front Office Operations in OPERA Cloud.
- **OPERA Cloud Front Desk Operations Service API:** caters for Front Desk Operations and Front Desk Statistic functionality in OPERA Cloud. Front Desk features some of the most commonly used operations in OPERA Cloud, such as managing guest arrivals, managing in-house guests, and managing guest departures. Some additional tasks you can complete from the Front Desk menu are room searches, room assignments, and quick check outs as well as opening folios, creating registration cards, setting wake up calls, and sending messages to guests.
- **OPERA Cloud Housekeeping Service API:** caters for Housekeeping functionality in OPERA Cloud. Housekeeping enables you to schedule daily room cleaning, maintenance, and housekeeping staff activities. It provides information on room status, out of order/out of service rooms, and forecasting.
- **OPERA Cloud Integration Configuration API:** caters for managing master data configuration in a hotel.
- **OPERA Cloud Integration Processor API:** caters for getting Business Events generated in OPERA Cloud.
- **OPERA Cloud Inventory API:** caters for Inventory functionality in OPERA Cloud. This includes sell limits for date ranges, viewing and updating the properties inventory, as well as item inventory (such as rollaways, microwaves, and so on).

- **OPERA Cloud Leisure Management API:** caters for external Leisure Management functionality integrated with OPERA Cloud.
- **OPERA Cloud Price Availability Rate API:** caters for Price and Rate Availability functionality in OPERA Cloud. Availability enables you to manage your room inventory by providing a detailed view of all available and sold rooms at a property. Some of the tasks you can perform include defining conditions for stay restrictions, setting room sell limits, and searching for and viewing room availability.
- **OPERA Cloud Rate API:** caters for Rate Availability functionality in OPERA Cloud. Rate Management provides all the tools you need to effectively define and manage the rate structures for a property in OPERA Cloud. Some of the things you can do include creating and managing rate codes, rate classes, rate categories, display sets, rate strategies, as well as managing promotion groups and codes.
- **OPERA Cloud Reservation API:** caters for Reservation functionality in OPERA Cloud. OPERA Cloud Reservations provides a complete set of capabilities for creating and updating reservations. Reservations are a central feature of OPERA Cloud. As a key source of information, the reservation specifies a guest's arrival date, departure date, room type, rate, packages, and many other details. It is also a gateway to dozens of other functions that contribute to the guest's experience. All reservations in OPERA Cloud require a guest profile. You can create profiles while booking a reservation. If a profile already exists, you can look it up (using `getProfiles` in CRM module) and attach it to the reservation during the reservation booking process using the Profile ID.
- **OPERA Cloud Reservation Master Data Management API:** caters for Reservation Configuration in OPERA Cloud. In this module you can retrieve, create, modify or delete configuration related to Reservations, Blocks and Leisure Management.
- **OPERA Cloud Xchange Interface API:** caters for OPERA Xchange Interface related functionality.

Billing

You can view API usage and billing data through the Oracle Cloud Console.

4

Resolved Issues

This section contains a list of the issues resolved in this release.

Table 4-1 Resolved Issues

Bug ID	Description
36394411	All paths in the Reservation Configuration API now work as defined in the specifications.
35780494	Improved error message when logging in to the developer portal as a hotelier if the error occurs within the Oracle Hospitality Integration Platform itself.
36392968	Clarified instructions about contact details on applications.
35952903	In the event of an error while logging in to the OHIP Developer Portal, the error message has been made clearer.
35666127	The property name now appears correctly when subscribing to consume events through the streaming API from an environment you own.
35010903	The color of the selected item in drop-down menus in the developer portal has been adjusted to ensure sufficient contrast to the background of those menus.
35010642	The contrast of the selected option in the My Profile menu at the top right of the developer portal has been adjusted to allow sufficient contrast with the background color of the drop-down.
35594128	Filtering the Developer Portal analytics by calls to production environments now works as expected.
35180893	Searching in the OHIP Developer Portal where the search returns no results now consistently shows the message “No Matches Found.”
35176333	Editing subscriptions on an application and then clicking Cancel no longer results in an error.
35628877	The client secret on an environment card now hides correctly even if the Reissue button is clicked and then the Cancel button is clicked on the Reissue dialog.
35925709	It is now possible to delete an application even if there are Streaming events awaiting approval from the environment owner.
35936243	The Developer Portal now links to and shows the correct API documentation as well as the correct operations for each API module.