mastel hospitality

Opera Cloud Release Note 24.3 (Integrations, APIs and Misc)

Mastel Hospitality

Consulting & Integrations Department

Index

1. Log Control

Version	Date	Description	Owner
1.0	31/10/2024	Document Creation	Haro, J.

2. INTEGRATIONS

2.1. Backward Compatibility for OHIP Partners Transitioning to OPERA Cloud Identity Management

Backward compatibility is available for Oracle Hospitality Integration Platform (OHIP) integration user accounts when migrating to OPERA Cloud Identity Management. Backward compatibility provides support for both legacy and new authentication mechanisms during the identify management transition period.

OPERA Cloud supports OHIP Integration users with either of the following options:

• Resource token with WSACCESS role, or,

• A Client Token with scope.

2.2. Business Events for Posting Split and Transfer Updated

The following Business Events are generated when postings (to a transaction code with inclusive generates configured) are split and transferred to or from another room:

• One DELETE POSTING **Business Event** for the transaction that is being split.

• One NEW POSTING **Business Event** for each of the new transactions and their generates (source and target) after the split.

• One UPDATE POSTING **Business Event** for the transactions that remain in the source room after the split.

• Two UPDATE POSTING **Business Events** for the transactions that are transferred to the target room after the split.

The following Business Events are generated when postings (to a transaction code with exclusive generates configured) are split and transferred to/from another room:

• One DELETE POSTING **Business Event** for each transaction and its associated generates that are being split.

• One NEW POSTING **Business Event** for each new transaction and its generates (source and target) after the split.

• One UPDATE POSTING **Business Event** for the transactions and their associated generates that were transferred to the target room after the split.

The following Business Events are generated when postings (to a transaction code without any generates configured) are split and transferred to/from another room:

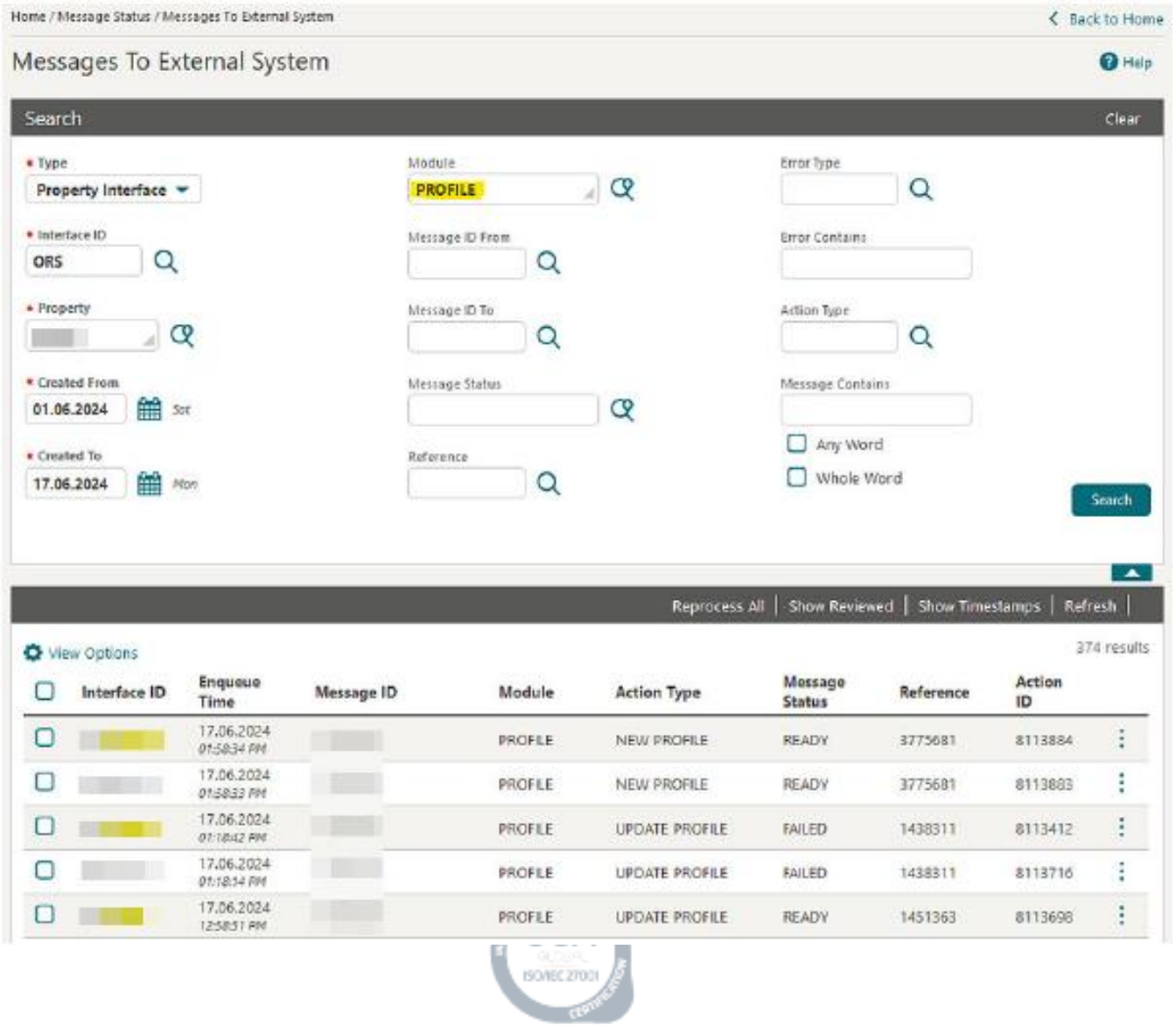
• One DELETE POSTING **Business Event** for the transaction that is being split.

• One NEW POSTING **Business Event** for each new transaction (source and target) after the split.

• One UPDATE POSTING Business Event for the transactions that were transferred to the target room after the split.

2.3. Exchange Message Status Screen Updated

When you enable **Profile Sharing** in **Chain configuration**, the OPERA Cloud Exchange Message Status screens allow you to search and view all profiles by selecting Module Profile in the search criteria, irrespective of the **Property** selected.



2.4. Fiscal Integration Updated

For properties with the **Fiscal Folio Printing** OPERA Control active:

The OPERA Fiscal Integration Solution (OFIS) payload is updated for Folio Generation and Post Payments. A new **Credit Card Number Masked Trailing** OPERA Control added in the Cashiering group for the **Fiscal Folio Printing** OPERA Control, includes a <CreditCardNumberMaskedTrailing> element in the fiscal payload. The element shows the first six digits of the credit card number and masks the remaining digits when generating a fiscal folio, and **CC Vault** is not enabled in the EFT Property Interface configuration.

Fiscal Payload

The <Postings> sections of the Fiscal Payload adds a <CreditCardNumberMaskedTrailing> element when the **Credit Card Number Masked Trailing** OPERA Control is active and the CC Vault is not active.

Additionally, new elements identify the **Credit Card Approval Code** <CcApprovalCode> and the **Credit Card Response Reference** <CcResponseReference> for each credit card payment. A **Display** element <Display> is added for all postings and payments with these possible values: true or false.

Paths:

• DepositsInfo\DepositInfo\Postings

• DepositsInfo\DepositReceipt\Postings

• FolioInfo\Postings

2.4.1. Steps to enable

1. From the side menu, select **Administration**, select **Enterprise**, and then select **OPERA Controls**.

2. Select or confirm the **Property**.

3. Select the **Cashier** group.

4. Locate the **Fiscal Folio Printing** OPERA Control and activate the **Credit Card Number Masked Trailing** parameter.

2.5. Guest Profile Match OPERA Controls Added for OHIP

A **Guest Profile Match** OPERA Control and related parameters are added to the Profile group. When enabled, **Guest Profile Match** can fetch a guest profile from the Oracle Hospitality Integration Platform (OHIP) using **getProfileMatch** based on specific criteria such as First Name, Last Name, Membership Type and Number, Identification Type and Value, Email Address, Client ID, and Subscription Type and Value. The **Guest Profile Match** OPERA Control works in conjunction with the **getProfileMatch** operation, which can be integrated with the create reservation operation to avoid the creation of duplicate profiles during the reservation creation process.

2.5.1. Steps to Enable

1. From the side menu, select **Administration**, select **Enterprise**, and then select **OPERA Controls**.

2. Select or confirm the Property.

3. Select the **Profile** group.

4. Locate and activate the **Guest Profile Match** function.

5. Enable parameters as needed for the **Guest Profile Match** function.

2.6. Italy, Brazil, Germany, Poland - Updated Fiscal Commands Step in End of Day

Note:

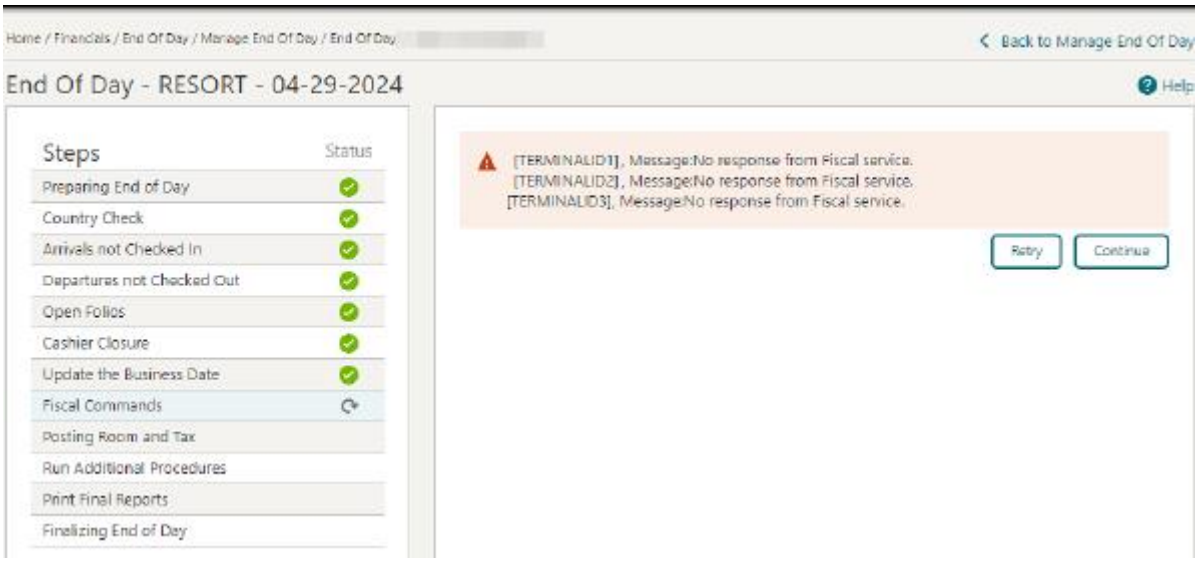
This functionality is generic but of concern to properties in Italy where Fiscal Partner ITALY_RT_PRINTER is configured and Fiscal Command EOD_COMMAND is active.

1. The End of Day step for **Fiscal Commands** is updated to generate the Fiscal Command for each Fiscal Terminal configured in the property, and to display all failed attempts with

the Terminal ID so that you know which Fiscal Terminals must be attempted again once the fiscal service is restored.

2. The **Changes Log** is updated to record each Fiscal Command that fails during the End of Day, so that you can identify which Fiscal Terminals must be attempted again once the fiscal service is restored.

Example:



Country Specific - Brazil - Updated Fiscal Commands Step in End of Day

Note:

This functionality is generic but of concern to properties in Brazil where Fiscal Partner SNRHOS is configured and Fiscal Command EOD_COMMAND is active.

1. The End of Day step for Fiscal Commands is updated to generate the Fiscal Command for each Fiscal Terminal configured in the property and to display all failed attempts with the Terminal ID, so that you know which Fiscal Terminals must be attempted again once the fiscal service is restored.

2. The Changes Log is updated to record each Fiscal Command that fails during the End of Day, so that you can identify which Fiscal Terminals must be attempted again once the fiscal service is restored.

Country Specific - Germany - Updated Fiscal Commands Step in End of Day

Note:

This functionality is generic but of concern to properties in Germany where Fiscal Partner EFSTA is configured and Fiscal Command END_OF_PERIOD is active.

1. The End of Day step for Fiscal Commands is updated to generate the Fiscal Command for each Fiscal Terminal configured in the property, and display all failed attempts with

the Terminal ID, so that you know which Fiscal Terminals must be attempted again once the fiscal service is restored.

2. The Changes Log is updated to record each Fiscal Command that fails during the End of Day, so that you can identify which Fiscal Terminals must be attempted again once the fiscal service is restored.

Country Specific - Poland- Updated Fiscal Commands Step in End of Day

Note:

This functionality is generic but of concern to properties in Poland where Fiscal Partner POSNET is configured and Fiscal Command EOD_COMMAND is active.

1. The End of Day step for Fiscal Commands is updated to generate the Fiscal Command for each Fiscal Terminal configured in the property, and display all failed attempts with the Terminal ID, so that you know which Fiscal Terminals must be attempted again once the fiscal service is restored.

2. The Changes Log is updated to record each Fiscal Command that fails during the End of Day, so that you can identify which Fiscal Terminals must be attempted again once the fiscal service is restored.

2.7. Key Encoding for Room Move when Online and Offline Integration in Use

For properties with both online and offline room integrations for key encoding and a room move is performed, a **KeyDelete** message for the old room is followed by a **KeyRequest** message for the new room, triggering display of the **Create Key Panel** to encode the new key.

2.8. Legacy OWS Integration OPERA Control Added

A (complimentary) **Legacy OWS Integration** OPERA Control is added to the **General group**. This enables SOAP integration and displays the following menu options in OPERA Cloud:

- Channel Configuration
- Channel Controls
- Channel Mapping
- Channel Property Mapping
- Channel Publications

2.8.1. Steps to enable

1. From the side menu, select **Administration**, select **Enterprise**, and then select **OPERA Controls**.

2. Select or confirm the **Chain** and **Property**.

3. Select the **General** group.

4. Locate and activate the **Legacy OWS Integration** function.

2.9. OPERA Cloud Central - Cloud Hub Integration with PMS

OPERA Cloud Central allows you to automatically configure Interface setups and activate Cloud Hub integration with the following OPERA Controls:

• **Auto configure OXI-OPERA Interface setup for all Properties** - available from a hub location.

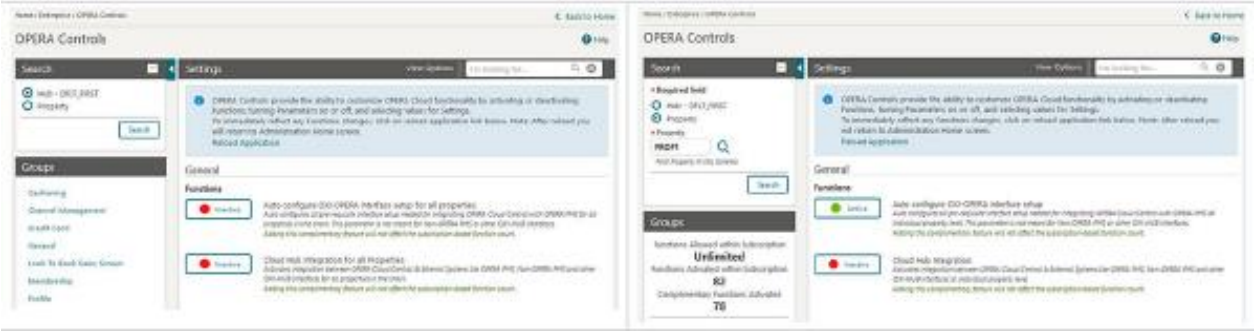
• **Auto configure OXI-OPERA Interface setup** - available from property locations. Cloud Hub activation is a two-step process:

1. Activate **Auto Configure OXI-OPERA Interface Setup** (for OPERA PMS integration). Activating this OPERA Control ensures the required Interface setups, Interface Controls & Business Events are automatically configured. However, this is an optional step if you prefer to configure the setups manually or migrate.

2. Activate **Cloud Hub Integration**. This OPERA Control activates Cloud Hub integration for properties that have interface setup. Cloud Hub will start processing Outbound and Inbound Messages for the activated properties.

You can manually configure any Central Interfaces (other than OXI-OPERA) and activate Cloud Hub Integration at the hub location or the property location based on the activation requirement. In this case, the **Auto Configure OXI-OPERA Interface Setup** OPERA Control is not required to activate, as these configurations are completed manually.

To configure and activate Cloud Hub integration for specific properties, always use the property location OPERA Controls.



2.9.1. Impact or other considerations

In previous releases, only one OPERA Control activates Cloud Hub Integration. In the current release, activation is split into the following two OPERA Control functions:

• Auto Configure <location>

• Activate Cloud Hub Integration <location>

2.9.2. Steps to enable

Activate the **hub location** function to activate integration for all properties in the Chain with **OXI-OPERA** as the system default interface. Inactivating the OPERA Control inactivates Cloud Hub Integration for all properties in the chain.

1. From the side menu, select **Administration**, select **Enterprise**, and then select **OPERA Controls**.
2. Select or confirm the **Hub**.
3. Select the **General** group.
4. Locate and activate the **Auto configure OXI-OPERA Interface setup for all Properties** function.

Activate the **property location** function to activate integration for specific properties with **OXI-OPERA** as the system default interface. Inactivating the OPERA Control inactivates Cloud Hub Integration for the specific property.

1. From the side menu, select **Administration**, select **Enterprise**, and then select **OPERA Controls**.
2. Select or confirm the **Property**.
3. Select the **General** group.

4. Locate and activate the **Auto configure OXI-OPERA Interface setup** function.

2.10. OPERA Fiscal Integration Cloud Solution Updated

For properties with the **Fiscal Integration** OPERA Control active:

• The **Fiscal Integration** OPERA Control is renamed **Fiscal Cloud Integration**.

• The **OFIS Configuration** task is renamed **OFIS Cloud Configuration**. Additionally, **New/Edit OFIS Cloud Configuration** and **Delete OFIS Cloud Configuration** tasks are added.

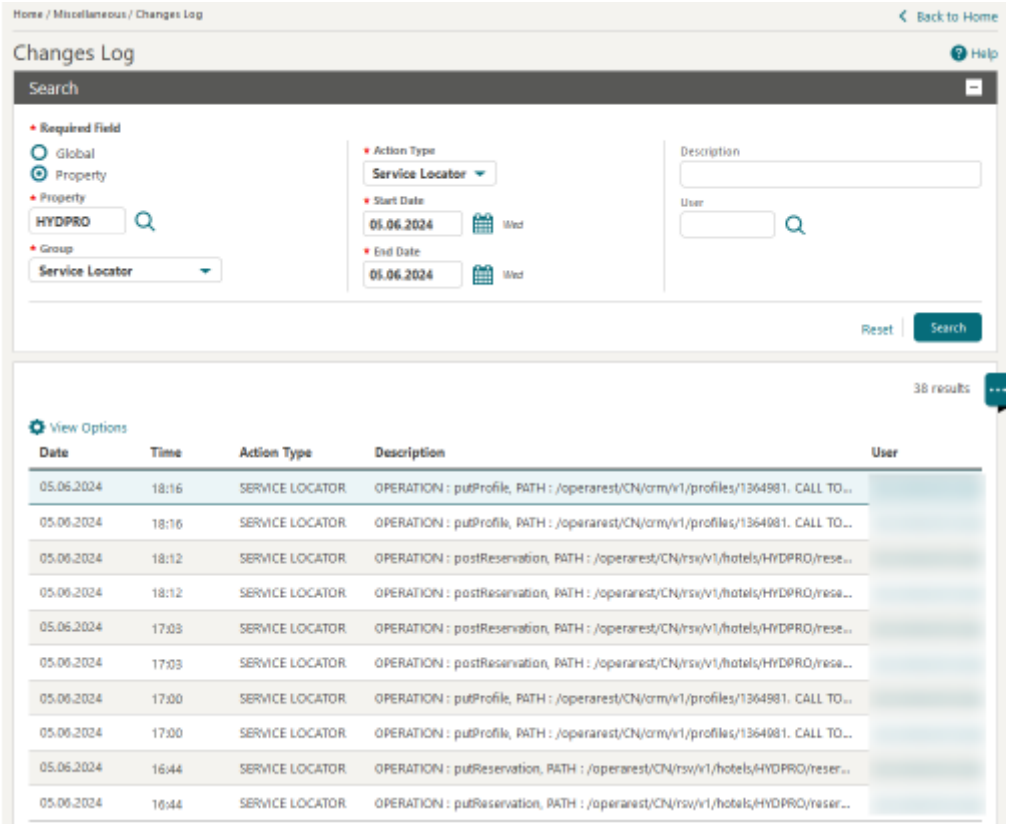
• The **OFIS Configuration** menu is renamed **OFIS Cloud Configuration**.

2.10.1. Steps to enable

1. From the side menu, select **Role Manager** and select either **Manage Chain Roles** or **Manage Property Roles** according to your needs.
2. Enter search criteria and click **Search**.
3. Select the role to update, click the vertical ellipsis **Actions** menu, and select **Edit**.
4. Select the **Financial Admin** group, grant the **New/Edit OFIS Cloud Configuration**, and delete OFIS Cloud Configuration tasks.
5. Click **Save**.

2.11. Service Locator Routing Calls Added to Changes Logs

The Changes Logs captures Service Locator routing requests and response calls with the outbound systems. Activity is tracked for **Group**=Service Locator and **Action Type**=Service Locator.



3. PROPERTY APIs

3.1. BLK - deleteBlockWashSchedule Added

The operation **deleteBlockWashSchedule** is added to the Block API (BLK) to delete a block wash schedule.

3.2. BLK- Fetch Grid Details with Pagination Operation Added

The operation **getBlockRoomRateGrid** with pagination is added to the Block API (BLK) to fetch the block room and rate grid with pagination, so that multiple pages of the block room and rate grid can be fetched.

3.3.BLK - getblocks Operations Updated

An update to the query parameter limit sets a maximum limit of 200 for getBlocks operations in the Block API (BLK) that allows you to fetch 200 records at a time.

3.4. BLK - putSubBlockToRegular and putRegularToMasterBlock Operations Added

The Block API (BLK) adds **putSubBlockToRegular** and **putRegularToMasterBlock** operations to convert sub blocks to regular blocks and regular blocks to master blocks.

3.5. BLK - PUT updateLinkedActivities Added

The Block API (BLK) adds the **PUT updateLinkedActivities** operation to update linked Activities of a Block.

3.6. CRMCFG - getTierManagementBatchRecords and getTierManagementBatchProcesses Operations Updated

Updates to the getTierManagementBatchRecords and getTierManagementBatchProcesses operations in the CRM Configuration API generate the following changes:

• Added query parameters and response body parameters for getTierManagementBatchRecords and getTierManagementBatchProcesses operations to fetch 20 records per page.

• Added query parameters ("Evaluation Date To" and "Process Date To") for the search criteria of getTierManagementBatchProcesses operation.

• Updated the following query parameters to search criteria of getTierManagementBatchProcesses operation:

– Evaluation Date –> Evaluation Date From

– Process Date –> Process Date From

3.7. CRM -getProfileMatchOperation Added

The Customer Relationship Management API (CRM) adds the getProfileMatch operation to return a profile that matches the following fields based on the Guest Profile Match OPERA Control.

• Last Name

• First Name

• Membership Type and Number

• Identification Type and Number

• Email Address

• Client ID

• Subscription Type and ID

Operation	Sample Fetch Parameters
getProfileMatch	lastName:[LASTNAME] firstName:[FIRSTNAME] membershipType: [MEMBERSHIPTYPE] membershipCardNumber: [MEMBERSHIPCARDNUMBER] identificationType: [IDENTIFICATIONTYPE] identificationNumber: [IDENTIFICATIONNUMBER] email:[EMAIL] clientId:[CLIENTID] subscriptionType:[SUBSCRIPTIONTYPE] subscriptionId:[SUBSCRIPTIONID]

3.8. CRM - get/post/put/deleteMembershipPromotions Operations Updated

Updates to **getMembershipPromotions**, **postMembershipPromotions**, and **putMembershipPromotions** operations in the CRM API consist of new elements including global, hotelId, endDate, and membershipPromotionId. These allow you to attach a global/property profile promotion code to a profile with an end date.

The **deleteMembershipPromotion** operation in CRM API is updated with a new query parameter, **membershipPromotionId**, that allows you to delete the Profile Promotion Code attached to the profile using the unique ID.

3.9. CRM - IssueOtherAwards API Added

The issueOtherAwards operation, added in the CRM API, allows you to issue "OTHER" type awards against a profile membership.

3.10. CRM - membershipReservationActivity Added

The Customer Relationship Management API (CRM) adds the membershipReservationActivity operation that returns the membership reservation activity for the day (ExpectedArrival, ExpectedDepartures, InHouse, Projected Room Revenue) based on HotelIds, Property Date, Room Classes, and Membership Types.

3.11. INT Config - getBusinessEvents Operation Updated

Improvements to the following operations in the Integration Configuration API (INT Config) ensure that all 400 error messages return correct error messages.

OperationID - getBusinessEventsByExternalSystem - {{HostName}}/int/v1/externalSystem/{{ExternalSystem}}/businessEvents.

OperationID - getBusinessEvents - {{HostName}}/int/v1/externalSystem/{{ExternalSystem}}/hotels/{{HotelId}}/businessEvents.

• Request with query parameter "limit."

– without passing the query parameter "limit," the system default value 1 is used and a response is given with one event.

– when limit=1, a response is received with one event.

– when limit=20, a response is received with 20 events.

– when limit=21 or more, a response is received with 20 events as this API supports a maximum of 20 events to return at a time.

• Request with header x-hotelid (without x-hubId).

– when x-hotelId is provided in the request, a response is received with the event.

– when x-hotelId is not provided in the request, it gives a 400 bad request error: "HTTP Header x-hotelid and x-hubid are mutually exclusive." It is mandatory to send one of these headers in the request.

– when x-hotelId is provided with a wrong value in the request, it gives a 403 forbidden error: "User is not authorized to access data for hub."

• Request with header "x-hublid' (without x-hotelId).

– when x-hubId is provided in the request, a response is received with the event.

– when x-hubId is not provided in the request, it gives a 400 bad request error: "HTTP Header x-hotelid and x-hubid are mutually exclusive." It is mandatory to send one of these headers in the request.

– when x-hubId is provided with a wrong value in the request, it gives a 403 bad request error: "User is not authorized to access data for hub."

• Request with header "x-hublid' and 'x-hubId' valid values.

– when x-hotelId and x-hubid values are provided, they give a 400 bad request error: "HTTP Header x-hotelid and x-hubid are mutually exclusive." It is mandatory to send one of these headers in the request.

• getBusinessEvents Request with an invalid value for path parameter External System.

– when externalSystem/{XXXX} is invalid, it gives a 400 Bad Request error: "xxxxx is not a valid external system."

3.12. LMS - getActivityBooking Operation Updated

The **getActivityBooking** operation in the Leisure Management Service (**LMS**) API is enhanced with two new fields: "**type**" under profileId and activityIds, and "**idContext**" under activityIds. These additions provide detailed identification of associated IDs, improving the granularity and clarity of data retrieval. This enhancement is designed to offer more precise management and tracking of activities and profiles within the LMS module.

3.13. PAR - get/put/post/deleteHurdleRates Operations Updated

The getHurdleRates, putHurdleRates, postHurdleRates, and deleteHurdleRates operations in the Price Availability Rate (PAR) API present two new elements: hurdleRangeStart and hurdleRangeEnd. These elements specify the start and end dates for the rate application period. Once the dates are provided, the hurdle rate information applies with the defined date range.

• hurdleRangeStart - the start range date from which the hurdle rate is scheduled.

• hurdleRangeEnd - the end range date to which the hurdle rate is schedule

3.14. RSV - getReservations and getHotelReservations Operations Updated

A new reservationsWithMembershipType query parameter, when added to **getReservations** and **getHotelReservations** operations in the Reservation API (RSV), filters the reservations based on the Membership Type.

3.15. RSV - postReservation, putReservation Updated

The postReservation and putReservation operations in the Reservation API include a field named reservationNotification in the request body. When this field is set to true, OPERA Cloud processes the reservation even if inventory is unavailable or specific restrictions apply.

Additionally, OPERA Cloud records a comment and audit log entry to indicate the override.

3.16. RSV - putPayeeSharer Operation Added

The Reservation (RSV) API adds the putPayeeSharer operation. You can use this operation to select or deselect a share reservation as the payee sharer for the group of shared reservations.

3.17. RTP Async - startSetDailyRatePlanSchedulesProcess Operation Updated

Two new elements, rateDateRangeStart and rateDateRangeEnd, enhance the Asynchronous startSetDailyRatePlanSchedulesProcess operation in the Rate Plan Async API (RTP ASYNC):

• rateDateRangeStart (YYYY-MM-DD)

• rateDateRangeEnd (YYYY-MM-DD)

These elements specify the start and end dates for the rate application period. Once provided, the dates apply the daily rate amounts within the defined date range.

3.18. RTP - setRatePlanSchedules Operation Added

The setRatePlanSchedules operation added in the Rate Plan API (RTP) enables you to create and/or update Standard and Derived rate codes pricing schedules using date ranges.

Differences Between the post/putRatePlanSchedules and setRatePlanSchedules API:

Features	post/putRatePlanSchedules (OLDAPI)	setRatePlanSchedules (NEWAPI)
Create Rate Schedule	To create a new rate schedule, you had to use a specific method (POST).	You can create a new rate schedule using a single method (SET).
Update Rate Schedule	To update an existing rate schedule, you had to use a different method (PUT).	You can update an existing rate schedule using the same method (SET) as creating.
Rate Set ID Requirement	You needed to know and provide the rate set ID when updating a rate schedule.	You do not need to know or provide the rate set ID when updating a rate schedule.