Oracle Hospitality Integration Platform

Property Systems — Posting Charges

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Oracle Hospitality Integration Platform Property Systems — Posting Charges,

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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.

The Oracle Hospitality Developer Portal enables users to discover Oracle Hospitality APIs, subscribe to Oracle Hospitality APIs, and to get the necessary information to consume them.

The Oracle Hospitality Developer Portal's APIs page provides information about published Oracle Hospitality APIs. Here you can find and evaluate Oracle Hospitality APIs to use with your applications.

After you discover the Oracle Hospitality APIs that you want to use, register an application and then register those APIs to your application.

To view more details about the Oracle Hospitality Developer Portal, on the user menu drop-down, click the drop-down, and select **About Developer Portal**.

Purpose

This guide describes the meeting room booking engine.

Audience

This guide is intended for customers and partners who develop applications with the Oracle Hospitality Integration Platform.

Documentation

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

Revision History

Date	Description of Change
April 2025	Initial publication
August	Formatting changes
February 2026	Corrected some links in the 'Prerequisites' chapter.

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Business Context

This implementation guide explains the best practice usage of Oracle Hospitality API operations to post charges from In-house property systems (such as, Phone, Video, Minibar, Point-of-Sale, HSIA in-room Internet, or other Guest Services systems) to Oracle Hospitality OPERA Cloud reservations or posting accounts.

> **Note**
>
> API usage and capabilities are subject to change. For more information on API versioning, see the Versioning topic in the Oracle Hospitality Integration Platform User Guide.
>
> For the most comprehensive and up-to-date information, including additional query parameters and detailed descriptions, always refer to the latest API specifications in GitHub. This will ensure that you are accessing the most current and complete set of features available.

Table 1-1 Use Cases

Use Case	Description	Operation Id
Post Simple charges to the guest account	Posting charges with a single final amount against the reservation. • Phone charges • Minibar charges • Video charges • Other charges	postBillingCharges
Inquire to Reservation Information (Post Inquiry)	Retrieving guest or reservation information prior to performing a charge posting and to verify if the reservation is eligible for receiving posting to the guest's account. This can also be used for guest information verification. For example, when a guest enters a room number and name, the partner system retrieves guest information that must be verified with the entered values before granting access to a partner system service.	getReservations

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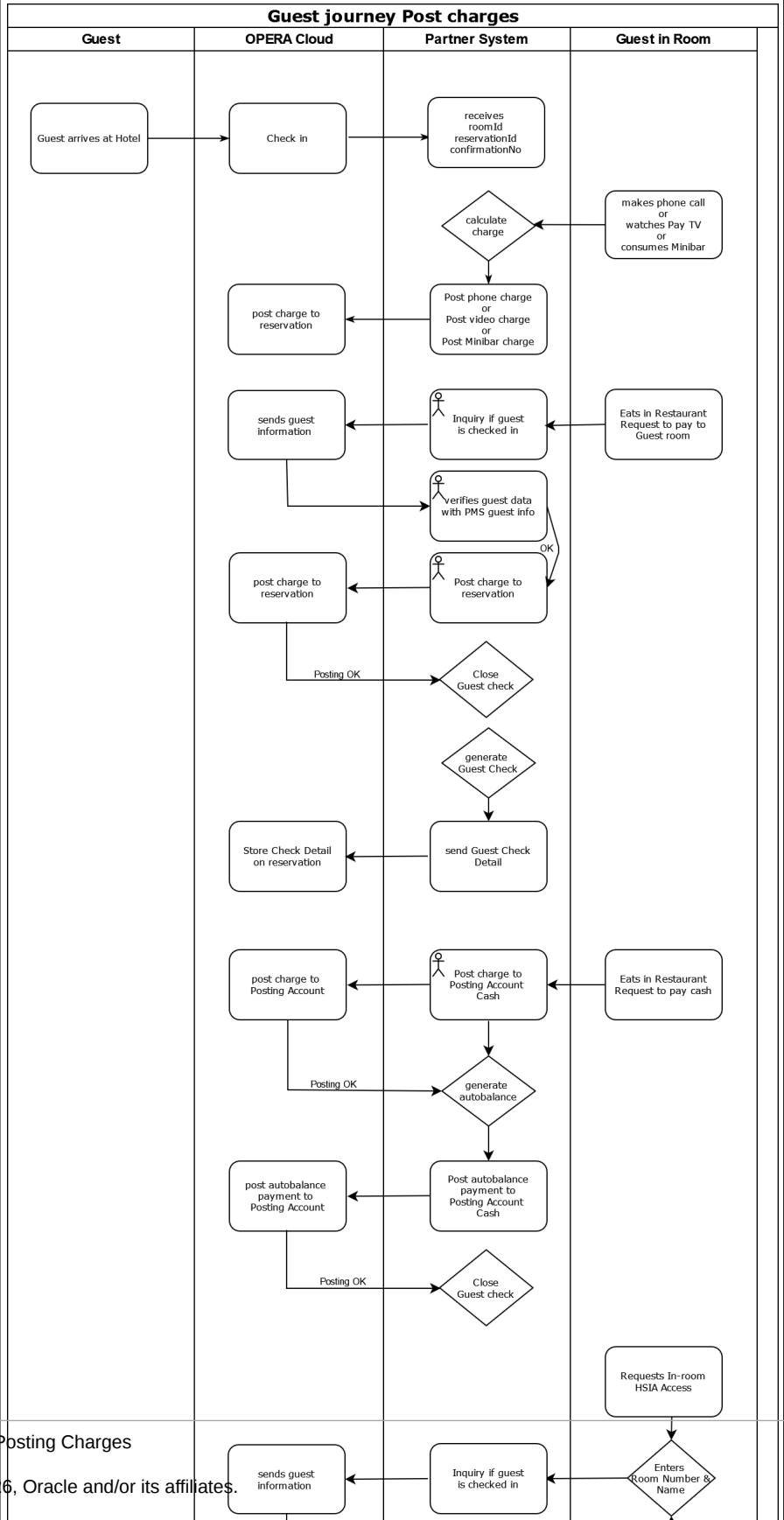
Table 1-1 (Cont.) Use Cases

Use Case	Description	Operation Id
Post Point-of-Sale (POS), Golf, SPA or in-room-Internet charges to the guest account	If a reservation is still checked in, posting charges with multiple sub-amounts for one guest check following an inquiry. • Point-Of-Sale (Restaurant) charges to the guest account • SPA charges to the guest account • Golf charges to the guest account • HSIA (High Speed Internet Access) In-room Internet charges to the Guest account	postBillingCharges
Post non-room charges	Post charge to Posting Master accounts. Usually revenue which guest has paid at partner system (Cash, AMEX, VISA etc). Related information shall be sent into OPERA Cloud PMS for accounting.	postBillingCharges
Post charges with auto-balance option	Post additional automatic balance posting against the payment transaction code See below (Bookmark) for more details	postBillingPayments

The below functional diagram explains typical use cases for generating charges by a hotel guest during their stay.

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Table 1-2 Workflow

Diagram	Journey
	**Journey**: Guest arrival The guest arrives at the hotel and checks in. The partner system retrieves the roomId, reservationId, and confirmationId. The partner system enables guest access to make phone calls, watch Pay TV, consume minibar, and so on. **Journey**: The guest consumes the available systems in the room. The guest makes billable phone calls, watches Pay TV, consumes the minibar, and so on. The partner system calculates the charge to post. The partner system posts the charge to OPERA Cloud PMS. OPERA Cloud posts the charge against the guest's reservation account. **Journey**: The guest consumes food and beverages in the restaurant and posts the bill amount to the room. The guest consumes food and beverages in the hotel restaurant and bar and requests to have bill posted to room. The guest writes

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2 Prerequisites

The below prerequisites are required to successfully complete the steps in this guide.

Recommended Tools

The following software tools are recommended.

Table 2-1

Tool	Description	Links
Github	A Github repository containing both Oracle Hospitality REST API specifications and accompanying Postman Collections.	Documentation Tool
Postman Collections	In the Postman collections folder in Github, you can download and use the Postman collections associated to the use cases explained in this guide.	Posting Charges Postman samples: Postman - Get Reservation Postman - Posting Charges Postman - Post simple charges Postman Documentation Tool
GraphiQL	To better visualize the streaming API, a playground application is available that uses a tool called GraphiQL.	Documentation Tool
Node Reference Implementation	A reference implementation for the Streaming API in Node JS.	Tool

Environment

The following environments and modules must be available to perform the above described Business cases with the OPERA Cloud APIs.

Table 2-2 Environments and Modules

OPERA Cloud Platform Module	Description	Minimum Version
OPERA Cloud Services	The customer must have a subscription to OPERA Cloud Foundation.	
Oracle Hospitality Integration Platform (OHIP)	For customers, OHIP is included in the subscription to OPERA Cloud Foundation. Partners need a subscription to Oracle Hospitality Integration Cloud Service.	The latest released version. OHIP is a single version product.

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Configurations

Call the Property APIs. To get started, you must perform the following tasks:

- Accessing the Oracle Hospitality Integration Platform Developer Portal
- Managing Interface Users
- Registering an Application

Get the mandatory data to post charges.

To properly post charges to OPERA Cloud guest accounts, you must retrieve the following specific data:

- **Transaction Codes defined in OPERA Cloud**: Required to post all different types of charges.
- **Minibar article Codes defined in OPERA Cloud**: Required for posting charges for Minibar consumption.
- **Room numbers or Posting accounts defined in OPERA Cloud**: Required to retrieve Reservation Information of an occupied room to post charge to.
- **Payment methods defined in OPERA Cloud**: Required for posting auto-balance payments to posting accounts (for example, CASH, Credit Card, City Ledger, and so on).
- **Cashier Id defined in OPERA Cloud**: Required for the specific Cashier Id for each integrated system performing charge postings to OPERA Cloud.

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Table 2-3 Mandatory Data

Mandatory Data to Retrieve	Description and Sample API Operation

Retrieve OPERA Cloud transaction codes	Sales charge transaction codes are required to post revenue, non-revenue, and tax charges to the guest accounts or to the non-guests accounts.
	For more information about the Transaction Codes in OPERA Cloud, refer to the About Transaction Codes topic in the OPERA Cloud Services user guide.
	The partner system must know the revenue transaction codes that are defined in OPERA Cloud PMS and link these to the revenue items to be charged by the system. Note that revenue transaction codes can vary from one customer to another.
	Note
	The transaction code configuration may change sometimes, customer can add, rename, or remove transaction codes; therefore, it is recommended to rerun this operation at least once a day.
	Use the cashiering operation fof/cfg/ getTransactionCodes to retrieve the configured transaction codes.
	Get TransactionCodes
	`GET {{HostName}}/csh/v1/hotels/{{HotelId}}/transactionCodes?includeArticles=false`
	`{ "trxCodes": [{ "description": "No Show Charge", "trxServiceType": "S", "transactionCode": "1001", "hotelId": "SAND01CN", "printTrxReceipt": false }, { "description": "Cancellation Fee", "trxServiceType": "S", "transactionCode": "1002", "hotelId": "SAND01CN", "printTrxReceipt": false }, { "description": "Extra Bed", "trxServiceType": "S", "transactionCode": "1003", "hotelId": "SAND01CN", "printTrxReceipt": false,`

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Table 2-3 (Cont.) Mandatory Data

Mandatory Data to Retrieve	Description and Sample API Operation

```
            "price": {
                "amount": 1
            }
        },
        {
            "description": "Early Check-In",
            "trxServiceType": "S",
            "transactionCode": "1005",
            "hotelId": "SAND01CN",
            "printTrxReceipt": false
        },
        {
            "description": "Old Balance",
            "trxServiceType": "S",
            "transactionCode": "1009",
            "hotelId": "SAND01CN",
            "printTrxReceipt": false
        },
        {
            "description": "Rooms Tax Excluded",
            "trxServiceType": "S",
            "transactionCode": "1100",
            "hotelId": "SAND01CN",
            "printTrxReceipt": false
        },
        {
            "description": "AR Account",
            "trxServiceType": "S",
            "transactionCode": "1111",
            "hotelId": "SAND01CN",
            "printTrxReceipt": false
        },
        {
            "description": "Room Upsell",
            "trxServiceType": "S",
            "transactionCode": "1500",
            "hotelId": "SAND01CN",
            "printTrxReceipt": false
        },
        {
            "description": "Tax 5%",
            "trxServiceType": "S",
            "transactionCode": "1997",
            "hotelId": "SAND01CN",
            "printTrxReceipt": false
        },
        {
            "description": "Breakfast",
            "trxServiceType": "S",
```


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Table 2-3 (Cont.) Mandatory Data

Mandatory Data to Retrieve	Description and Sample API Operation
	"transactionCode": "2000", "hotelId": "SAND01CN", "printTrxReceipt": true }, { "description": "Early Check In", "trxServiceType": "S", "transactionCode": "2006", "hotelId": "SAND01CN", "printTrxReceipt": false }, { "description": "Chocolate and Strawberries", "trxServiceType": "S", "transactionCode": "2008", "hotelId": "SAND01CN", "printTrxReceipt": false }, { "description": "Restaurant Food", "trxServiceType": "S", "transactionCode": "2010", "hotelId": "SAND01CN", "printTrxReceipt": false }, { "description": "Restaurant Beverage", "trxServiceType": "S", "transactionCode": "2011", "hotelId": "SAND01CN", "printTrxReceipt": false }, { "description": "Bar Food", "trxServiceType": "S", "transactionCode": "2110", "hotelId": "SAND01CN", "printTrxReceipt": false }, { "description": "Bar Beverage", "trxServiceType": "S", "transactionCode": "2111", "hotelId": "SAND01CN", "printTrxReceipt": false }, { "description": "Beverage Alcohol",

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Table 2-3 (Cont.) Mandatory Data

Mandatory Data to Retrieve	Description and Sample API Operation
	"trxServiceType": "S", "transactionCode": "2115", "hotelId": "SAND01CN", "printTrxReceipt": false }, { "description": "Restaurant Beverage Tax Excluded", "trxServiceType": "S", "transactionCode": "2200", "hotelId": "SAND01CN", "printTrxReceipt": true }, { "description": "Phone Charge", "trxServiceType": "S", "transactionCode": "3000", "hotelId": "SAND01CN", "printTrxReceipt": false }, { "description": "Misc charges IFC", "trxServiceType": "S", "transactionCode": "3010", "hotelId": "SAND01CN", "printTrxReceipt": false }, { "description": "Minibar Food", "trxServiceType": "S", "transactionCode": "4510", "hotelId": "SAND01CN", "printTrxReceipt": false }, { "description": "Minibar Beverage", "trxServiceType": "S", "transactionCode": "4511", "hotelId": "SAND01CN", "printTrxReceipt": false }, { "description": "Bike Rental", "trxServiceType": "S", "transactionCode": "5000", "hotelId": "SAND01CN", "printTrxReceipt": false }, {

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Table 2-3 (Cont.) Mandatory Data

Mandatory Data to Retrieve	Description and Sample API Operation
	"description": "Tickets", "trxServiceType": "S", "transactionCode": "5010", "hotelId": "SAND01CN", "printTrxReceipt": false }, { "description": "Daily Paper", "trxServiceType": "S", "transactionCode": "5011", "hotelId": "SAND01CN", "printTrxReceipt": false }, { "description": "Post Card", "trxServiceType": "S", "transactionCode": "5012", "hotelId": "SAND01CN", "printTrxReceipt": false }, { "description": "Transport", "trxServiceType": "S", "transactionCode": "5016", "hotelId": "SAND01CN", "printTrxReceipt": false }, { "description": "Movies", "trxServiceType": "S", "transactionCode": "5601", "hotelId": "SAND01CN", "printTrxReceipt": false }, { "description": "Games", "trxServiceType": "S", "transactionCode": "5602", "hotelId": "SAND01CN", "printTrxReceipt": false }, { "description": "HSIA In-Room-Internet", "trxServiceType": "S", "transactionCode": "5603", "hotelId": "SAND01CN", "printTrxReceipt": false }, {

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Table 2-3 (Cont.) Mandatory Data

Mandatory Data to Retrieve	Description and Sample API Operation

	<pre>"description": "Paid Out",
	"trxServiceType": "S",
	"transactionCode": "6000",
	"hotelId": "SAND01CN",
	"printTrxReceipt": true
	},
	{
	"description": "OPT Test Food 123",
	"trxServiceType": "S",
	"transactionCode": "7995",
	"hotelId": "SAND01CN",
	"printTrxReceipt": false
	},
	{
	"description": "To Test Revenue Mapping in ASYNC Api of Resv1 23",
	"trxServiceType": "S",
	"transactionCode": "7999",
	"hotelId": "SAND01CN",
	"printTrxReceipt": false
	}
	],
	"links": []
	}</pre>
	For posting Charges by a Point-of-Sale system (Restaurant POS), retrieve the related Transaction Codes with the below query for F&B Transaction Codes:
	Get fof/cfg/ TransactionCodes
	
	<pre>GET {{HostName}}/fof/config/v1/transactionCodes?hotelId={{HotelId}}&transactionGroupCodes=FB</pre>
	
	200 Response:
	
	<pre>{
	"transactionCodes": [
	{
	"classification": {
	"type": "Revenue",
	"transactionType": {
	"code": "FoodAndBeverage"
	},
	"group": {
	"code": "FB",
	"description": "Food and Beverage Revenue"</pre>

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Table 2-3 (Cont.) Mandatory Data

Mandatory Data to Retrieve	Description and Sample API Operation

	`},`
	`"subgroup": {`
	`"code": "FB_MISC",`
	`"description": "Food and Beverage Miscellaneous"`
	`}`
	`},`
	`"description": {`
	`"defaultText": "Bar Food"`
	`},`
	`"trxSetup": {`
	`"generatesType": "INCLUSIVE",`
	`"taxInclusive": true,`
	`"revenue": true,`
	`"manualPosting": true,`
	`"useForPaidout": false,`
	`"redeemMembershipPoints": false,`
	`"includeInDepositRule": false,`
	`"depositPostingOnly": false,`
	`"postingRule": false,`
	`"checkNoRequired": false,`
	`"interHotelSales": false,`
	`"postCovers": false,`
	`"nonTaxable": false,`
	`"inactive": false,`
	`"earnMembershipPoints": false`
	`},`
	`"amounts": {},`
	`"allowServiceRecovery": false,`
	`"code": "2110",`
	`"compTransaction": false,`
	`"printTrxReceipt": false,`
	`"hotelId": "SAND01CN"`
	`},`
	`{`
	`"classification": {`
	`"type": "Revenue",`
	`"group": {`
	`"code": "FB",`
	`"description": "Food and Beverage Revenue"`
	`},`
	`"subgroup": {`
	`"code": "FB_MISC",`
	`"description": "Food and Beverage Miscellaneous"`
	`}`
	`},`
	`"description": {`

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Table 2-3 (Cont.) Mandatory Data

Mandatory Data to Retrieve	Description and Sample API Operation

	"defaultText": "Bar Beverage"
	},
	"trxSetup": {
	"generatesType": "INCLUSIVE",
	"taxInclusive": true,
	"revenue": false,
	"manualPosting": true,
	"useForPaidout": false,
	"redeemMembershipPoints": false,
	"includeInDepositRule": false,
	"depositPostingOnly": false,
	"postingRule": false,
	"checkNoRequired": false,
	"interHotelSales": false,
	"postCovers": false,
	"nonTaxable": false,
	"inactive": false,
	"earnMembershipPoints": false
	},
	"amounts": {},
	"allowServiceRecovery": false,
	"code": "2111",
	"compTransaction": false,
	"printTrxReceipt": false,
	"hotelId": "SAND01CN"
	},
	{
	"classification": {
	"type": "Revenue",
	"transactionType": {
	"code": "FoodAndBeverage"
	},
	"group": {
	"code": "FB",
	"description": "Food and
	Beverage Revenue"
	},
	"subgroup": {
	"code": "FB_MISC",
	"description": "Food and
	Beverage Miscellaneous"
	}
	},
	"description": {
	"defaultText": "Beverage Alcohol"
	},
	"trxSetup": {
	"generatesType": "EXCLUSIVE",
	"taxInclusive": false,

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Table 2-3 (Cont.) Mandatory Data

Mandatory Data to Retrieve	Description and Sample API Operation

	"revenue": true,
	"manualPosting": true,
	"useForPaidout": false,
	"redeemMembershipPoints": false,
	"includeInDepositRule": false,
	"depositPostingOnly": false,
	"postingRule": false,
	"checkNoRequired": false,
	"interHotelSales": false,
	"postCovers": false,
	"nonTaxable": false,
	"inactive": false,
	"earnMembershipPoints": true
	},
	"amounts": {},
	"allowServiceRecovery": false,
	"code": "2115",
	"compTransaction": false,
	"printTrxReceipt": false,
	"hotelId": "SAND01CN"
	},
	{
	"classification": {
	"type": "Revenue",
	"transactionType": {
	"code": "FoodAndBeverage"
	},
	"group": {
	"code": "FB",
	"description": "Food and
	Beverage Revenue"
	},
	"subgroup": {
	"code": "CLUB",
	"description": "Club Restaurant"
	}
	},
	"description": {
	"defaultText": "Restaurant Beverage
	Tax Excluded"
	},
	"trxSetup": {
	"generatesType": "EXCLUSIVE",
	"taxInclusive": false,
	"revenue": true,
	"manualPosting": true,
	"useForPaidout": false,
	"redeemMembershipPoints": false,
	"includeInDepositRule": false,

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Table 2-3 (Cont.) Mandatory Data

Mandatory Data to Retrieve	Description and Sample API Operation

	<pre>"depositPostingOnly": false,
	"postingRule": false,
	"checkNoRequired": false,
	"interHotelSales": false,
	"postCovers": false,
	"nonTaxable": false,
	"inactive": false,
	"earnMembershipPoints": false
	},
	"amounts": {},
	"allowServiceRecovery": false,
	"code": "2200",
	"compTransaction": false,
	"printTrxReceipt": true,
	"hotelId": "SAND01CN"
	}
	],
	"links": []
	}</pre>
	Suggested Query Parameter is by "transactionGroupCodes" and by "transactionSubgroupCodes" to fetch the related transaction code used for phone charges.
	Get fof/cfg/ TransactionCodes
	
	<pre>GET {{HostName}}/fof/config/v1/transactionCodes?
	hotelId={{HotelId}}&transactionGroupCodes=REV&transac
	tionSubgroupsCodes=OTHR</pre>
	
	200 Response:
	
	<pre>{
	"transactionCodes": [
	{
	"classification": {
	"type": "Revenue",
	"transactionType": {
	"code": "Others"
	},
	"group": {
	"code": "REV",
	"description": "Revenue"
	},
	"subgroup": {
	"code": "OTHR",</pre>

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Table 2-3 (Cont.) Mandatory Data

Mandatory Data to Retrieve	Description and Sample API Operation

	"description": "Other Revenue"
	}
	},
	"description": {
	"defaultText": "Old Balance"
	},
	"trxSetup": {
	"taxInclusive": false,
	"revenue": true,
	"manualPosting": true,
	"useForPaidout": false,
	"redeemMembershipPoints": false,
	"includeInDepositRule": false,
	"depositPostingOnly": false,
	"postingRule": false,
	"checkNoRequired": false,
	"interHotelSales": false,
	"postCovers": false,
	"nonTaxable": false,
	"inactive": false,
	"earnMembershipPoints": false
	},
	"amounts": {},
	"allowServiceRecovery": false,
	"code": "1009",
	"compTransaction": false,
	"printTrxReceipt": false,
	"hotelId": "SAND01CN"
	},
	{
	"classification": {
	"type": "Revenue",
	"transactionType": {
	"code": "Others"
	},
	"group": {
	"code": "REV",
	"description": "Revenue"
	},
	"subgroup": {
	"code": "OTHR",
	"description": "Other Revenue"
	}
	},
	"description": {
	"defaultText": "Old Balance"
	},
	"trxSetup": {
	"taxInclusive": false,

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Table 2-3 (Cont.) Mandatory Data

Mandatory Data to Retrieve	Description and Sample API Operation

	"revenue": true,
	"manualPosting": false,
	"useForPaidout": false,
	"redeemMembershipPoints": false,
	"includeInDepositRule": false,
	"depositPostingOnly": false,
	"postingRule": false,
	"checkNoRequired": false,
	"interHotelSales": false,
	"postCovers": false,
	"nonTaxable": false,
	"inactive": false,
	"earnMembershipPoints": false
	},
	"amounts": {},
	"allowServiceRecovery": false,
	"code": "1011",
	"compTransaction": false,
	"printTrxReceipt": false,
	"hotelId": "SAND01CN"
	},
	{
	"classification": {
	"type": "Revenue",
	"transactionType": {
	"code": "Telephone"
	},
	"group": {
	"code": "REV",
	"description": "Revenue"
	},
	"subgroup": {
	"code": "OTHR",
	"description": "Other Revenue"
	}
	},
	"description": {
	"defaultText": "Phone Charge"
	},
	"trxSetup": {
	"generatesType": "INCLUSIVE",
	"taxInclusive": true,
	"revenue": true,
	"manualPosting": true,
	"useForPaidout": false,
	"redeemMembershipPoints": false,
	"includeInDepositRule": false,
	"depositPostingOnly": false,
	"postingRule": false,

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Table 2-3 (Cont.) Mandatory Data

Mandatory Data to Retrieve	Description and Sample API Operation

	"checkNoRequired": false,
	"interHotelSales": false,
	"postCovers": false,
	"nonTaxable": false,
	"inactive": false,
	"earnMembershipPoints": false
	},
	"amounts": {},
	"allowServiceRecovery": false,
	"code": "3000",
	"compTransaction": false,
	"printTrxReceipt": false,
	"hotelId": "SAND01CN"
	},
	{
	"classification": {
	"type": "Revenue",
	"group": {
	"code": "REV",
	"description": "Revenue"
	},
	"subgroup": {
	"code": "OTHR",
	"description": "Other Revenue"
	}
	},
	"description": {
	"defaultText":
	"TEST_TRANSACTION_COD1"
	},
	"trxSetup": {
	"taxInclusive": false,
	"revenue": true,
	"manualPosting": false,
	"useForPaidout": false,
	"redeemMembershipPoints": false,
	"includeInDepositRule": false,
	"depositPostingOnly": false,
	"postingRule": false,
	"checkNoRequired": false,
	"interHotelSales": false,
	"postCovers": false,
	"nonTaxable": false,
	"inactive": false,
	"earnMembershipPoints": false
	},
	"amounts": {},
	"allowServiceRecovery": false,
	"code": "50000",

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Table 2-3 (Cont.) Mandatory Data

Mandatory Data to Retrieve	Description and Sample API Operation

	"compTransaction": false,
	"printTrxReceipt": false,
	"hotelId": "SAND01CN"
	},
	{
	"classification": {
	"type": "Revenue",
	"transactionType": {
	"code": "Others"
	},
	"group": {
	"code": "REV",
	"description": "Revenue"
	},
	"subgroup": {
	"code": "OTHR",
	"description": "Other Revenue"
	}
	},
	"description": {
	"defaultText": "Tickets"
	},
	"trxSetup": {
	"generatesType": "INCLUSIVE",
	"taxInclusive": true,
	"revenue": true,
	"manualPosting": true,
	"useForPaidout": false,
	"redeemMembershipPoints": false,
	"includeInDepositRule": true,
	"depositPostingOnly": false,
	"postingRule": false,
	"checkNoRequired": false,
	"interHotelSales": false,
	"postCovers": false,
	"nonTaxable": false,
	"inactive": false,
	"earnMembershipPoints": false
	},
	"amounts": {},
	"allowServiceRecovery": false,
	"code": "5010",
	"compTransaction": false,
	"printTrxReceipt": false,
	"hotelId": "SAND01CN"
	},
	{
	"classification": {
	"type": "Revenue",

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Table 2-3 (Cont.) Mandatory Data

Mandatory Data to Retrieve	Description and Sample API Operation
	"transactionType": { "code": "Others" }, "group": { "code": "REV", "description": "Revenue" }, "subgroup": { "code": "OTHR", "description": "Other Revenue" } }, "description": { "defaultText": "Daily Paper" }, "trxSetup": { "generatesType": "INCLUSIVE", "taxInclusive": true, "revenue": true, "manualPosting": true, "useForPaidout": false, "redeemMembershipPoints": false, "includeInDepositRule": true, "depositPostingOnly": false, "postingRule": false, "checkNoRequired": false, "interHotelSales": false, "postCovers": false, "nonTaxable": false, "inactive": false, "earnMembershipPoints": false }, "amounts": {}, "allowServiceRecovery": false, "code": "5011", "compTransaction": false, "printTrxReceipt": false, "hotelId": "SAND01CN" }] }

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Table 2-3 (Cont.) Mandatory Data

Mandatory Data to Retrieve	Description and Sample API Operation

Retrieve Minibar Article Codes	For Minibar charges, it is mandatory to send the Minibar article number, the quantity of the minibar article, the Minibar article price, the Minibar transaction code, and the reservationId of the guest to which the minibar charge is posted.
	Use the specific operation getArticles to retrieve all defined articles, which also includes articles sold in an in-room Minibar with the related transaction code.
	Get Minibar Transaction Codes
	
	`GET {{HostName}}/lov/v1/listOfValues/hotels/{{HotelId}}/interfaceTrxCodesMinibar`
	
	`200 Response:`
	
	`{ "listOfValues": { "items": [ { "code": "4510", "name": "Minibar Food", "description": "Minibar Food", "active": true }, { "code": "4511", "name": "Minibar Beverage", "description": "Minibar Beverage", "active": true } ], "lovName": "InterfaceTrxCodesMinibar", "itemCount": 2 } }`
	
	Alternatively, get the Minibar articles information including article name, article code, transaction code, and article price.
	Use the specific operation getArticles:
	Get Minibar Articles
	
	`GET {{HostName}}/fof/config/v1/articles?includeInactive=false`
	
	`200 Response:`
	
	`{ "articles": [ {`

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Table 2-3 (Cont.) Mandatory Data

Mandatory Data to Retrieve	Description and Sample API Operation

	<pre>"description": "Minibar snacks",
	"transactionCode": "4510",
	"price": {
	"amount": 5
	},
	"postIt": {
	"availableForPostIt": true,
	"color": "Red"
	},
	"hotelId": "SAND01CN",
	"articleCode": "10",
	"inactive": false,
	"orderSequence": 1
	},
	{
	"description": "Minibar chips",
	"transactionCode": "4510",
	"price": {
	"amount": 4
	},
	"postIt": {
	"availableForPostIt": true,
	"color": "Blue"
	},
	"hotelId": "SAND01CN",
	"articleCode": "11",
	"inactive": false,
	"orderSequence": 2
	},
	{
	"description": "Minibar soda",
	"transactionCode": "4511",
	"price": {
	"amount": 3
	},
	"postIt": {
	"availableForPostIt": true,
	"color": "Green"
	},
	"hotelId": "SAND01CN",
	"articleCode": "12",
	"inactive": false
	}
	],
	"links": []
	}</pre>

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Table 2-3 (Cont.) Mandatory Data

Mandatory Data to Retrieve	Description and Sample API Operation

Retrieve the configured guest rooms	Use the getRooms operation to retrieve all the active rooms set up in OPERA Cloud PMS and store them in your system. Use these rooms to link your internal devices (such as phone line numbers or TV devices) to the guest rooms.
	
	Note
	The room configuration might change sometimes, customer might add, rename, or remove room numbers or its description; therefore, it is recommended to rerun this operation at least once a day and update your system configuration.
	
	getRooms
	
	`GET {{HostName}}/lov/v1/listOfValues/hotels/{{HotelId}}/rooms?includeInactiveFlag=false`
	
	`200 Response:`
	
	`{ "listOfValues": { "items": [{ "code": "101", "name": "ECO", "description": "Economy Room", "active": true }, { "code": "102", "name": "ECO", "description": "Economy Room", "active": true }, { "code": "103", "name": "ECO", "description": "Economy Room", "active": true }, { "code": "104", "name": "ECO", "description": "Suite",`

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Table 2-3 (Cont.) Mandatory Data

Mandatory Data to Retrieve	Description and Sample API Operation
	"active": true }, { "code": "105", "name": "ECO", "active": true }, { "code": "106", "name": "SGL", "description": "Standard Single Room", "active": true }, { "code": "107", "name": "SGL", "description": "Standard Single Room", "active": true }, { "code": "108", "name": "SGL", "description": "Standard Single Room", "active": true }, { "code": "109", "name": "SGL", "description": "Standard Single Room", "active": true }, { "code": "110", "name": "SGL", "description": "Standard Single Room", "active": true }, { "code": "121", "name": "ECO", "description": "Economy Room", "active": true }, {

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Table 2-3 (Cont.) Mandatory Data

Mandatory Data to Retrieve	Description and Sample API Operation

	<pre>"code": "130",
	"name": "ECO",
	"description": "Economy Room",
	"active": true
	},
	{
	"code": "131",
	"name": "SGL",
	"description": "Standard Single
	Room",
	"active": true
	},
	{
	"code": "132",
	"name": "ECO",
	"description": "Economy Room",
	"active": true
	},
	{
	"code": "201",
	"name": "DBL",
	"description": "Standard Double
	Room",
	"active": true
	},
	{
	"code": "202",
	"name": "DBL",
	"description": "Standard Double
	Room",
	"active": true
	},
	{
	"code": "203",
	"name": "DBL",
	"description": "Standard Double
	Room",
	"active": true
	},
	{
	"code": "204",
	"name": "DBL",
	"description": "Standard Double
	Room",
	"active": true
	},
	{
	"code": "205",
	"name": "DBL",</pre>

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Table 2-3 (Cont.) Mandatory Data

Mandatory Data to Retrieve	Description and Sample API Operation

	<pre>"description": "Standard Double Room",
	"active": true
	},
	{
	"code": "206",
	"name": "DBL",
	"description": "Standard Double Room",
	"active": true
	},
	
	]
	
	"lovName": "Rooms",
	"itemCount": 42
	}
	}</pre>

Retrieve Posting Accounts (Pseudo Rooms)	OPERA Cloud distinguishes between physical room types (existing guest rooms that a guest stays in) and so called pseudo room types. These non-room accounts (also called Posting Accounts) are used for non-room charges, such as Cash, credit card, and direct bill. Those accounts can be identified by "roomType" = PM or PI or PX. These room type codes are freely definable by the customer. Therefore, it is recommended to verify with the customer which Posting accounts are to be used for non-room (that is, cash, credit card) charges. A cash payment POS charge is posted to this Pseudo Room with the revenue amount and against the revenue transaction code. Posting Accounts are handled in a similar way to a physical existing room (guest account). Posting charges must be done by sending its reservationId. Use the getRooms operation with query parameters "physical=false&pseudo=true" to retrieve the information (including reservationId) about Posting accounts. Alternatively, use the getReservations operation and include the query parameters roomType and reservationStatuses. Usually these Posting Accounts are checked-in for a day, checked out before the night audit (end of day closure), and checked in again after the night audit. Depending on customer usage, these Posting Accounts might generate a new reservationId.

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Table 2-3 (Cont.) Mandatory Data

Mandatory Data to Retrieve	Description and Sample API Operation

Retrieve Payment Methods for Autobalance non-guest room functionality	The autobalance post is a payment post, which requires a payment method code of the PMS.
	Typically, this is a specific payment method code defined for each posting system (POS, SPA etc) which sends charges and uses autobalancing.
	The below API call requests all configured payment methods of the PMS. Note that only specific payment methods should be used by the vendor system posting the autobalance amount.
	Therefore, be careful in choosing the correct payment method code.
	Use the getHotelPaymentMethods operation to retrieve the Payment Methods configured in OPERA Cloud PMS.
	Get Payment Methods for posting autobalance
	
	`GET {{HostName}}/fof/config/v1/hotelPaymentMethods?hoteld={{HotelId}}`
	
	`/fof/config/v1/hotelPaymentMethods?hoteld=`
	
	`GET {{HostName}}{{HotelId}}{{`
	`"paymentMethods": [`
	`{`
	`"description": "Check",`
	`"paymentCard": {`
	`"cardUsageRules": {`
	`"promptAtCheckin": false,`
	`"chipAndPin": false`
	`},`
	`"validation": {`
	`"rule": "Novalid"`
	`},`
	`"option": {`
	`"requireIssueNumber": false,`
	`"requireStartDate": false,`
	`"either": false`
	`}`
	`},`
	`"paymentMethodTransactionInfo": {`
	`"surcharge": {},`
	`"transactionCode": "9001"`
	`},`
	`"paymentMethodUsage": {`
	`"reservation": true,`
	`"posting": false`
	`},`
	`"creditLimit": {},`
	`"hotelId": "SAND01CN",`
	`"paymentMethod": "CK",`

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Table 2-3 (Cont.) Mandatory Data

Mandatory Data to Retrieve	Description and Sample API Operation

	"calculatePoints": "Never",
	"inactive": false,
	"orderSequence": 1
	},
	{
	"description": "Cash",
	"paymentCard": {
	"cardUsageRules": {
	"promptAtCheckin": false,
	"chipAndPin": false
	},
	"validation": {
	"rule": "Novalid"
	},
	"option": {
	"requireIssueNumber": false,
	"requireStartDate": false,
	"either": false
	}
	},
	"paymentMethodTransactionInfo": {
	"surcharge": {},
	"transactionCode": "9000"
	},
	"paymentMethodUsage": {
	"reservation": true,
	"posting": true
	},
	"creditLimit": {},
	"hotelId": "SAND01CN",
	"paymentMethod": "CA",
	"calculatePoints": "Never",
	"inactive": false,
	"orderSequence": 1
	},
	{
	"description": "Direct Bill",
	"paymentCard": {
	"cardUsageRules": {
	"promptAtCheckin": false,
	"chipAndPin": false
	},
	"validation": {
	"rule": "Novalid"
	},
	"option": {
	"requireIssueNumber": false,
	"requireStartDate": false,
	"either": false

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Table 2-3 (Cont.) Mandatory Data

Mandatory Data to Retrieve	Description and Sample API Operation

	}
	},
	"paymentMethodTransactionInfo": {
	"surcharge": {},
	"transactionCode": "9009"
	},
	"paymentMethodUsage": {
	"reservation": true,
	"posting": true
	},
	"creditLimit": {},
	"hotelId": "SAND01CN",
	"paymentMethod": "DB",
	"calculatePoints": "Never",
	"inactive": false,
	"orderSequence": 2
	},
	{
	"description": "American Express",
	"paymentCard": {
	"cardUsageRules": {
	"promptAtCheckin": false,
	"chipAndPin": false
	},
	"validation": {
	"length": "15",
	"prefix": "34,37",
	"rule": "Mod10"
	},
	"option": {
	"requireIssueNumber": false,
	"requireStartDate": false,
	"either": false
	},
	"cardType": "Ax"
	},
	"paymentMethodTransactionInfo": {
	"surcharge": {},
	"transactionCode": "9005"
	},
	"paymentMethodUsage": {
	"reservation": true,
	"posting": false
	},
	"creditLimit": {},
	"hotelId": "SAND01CN",
	"paymentMethod": "AX",
	"calculatePoints": "Never",
	"inactive": false,

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Table 2-3 (Cont.) Mandatory Data

Mandatory Data to Retrieve	Description and Sample API Operation

	"orderSequence": 3
	},
	{
	"description": "MasterCard",
	"paymentCard": {
	"cardUsageRules": {
	"promptAtCheckin": false,
	"chipAndPin": false
	},
	"validation": {
	"length": "11,12,13,14,15,16",
	"prefix":
	"51,52,53,54,55,22,23,24,25,26,27",
	"rule": "Mod10"
	},
	"option": {
	"requireIssueNumber": false,
	"requireStartDate": false,
	"either": false
	},
	"cardType": "Mc"
	},
	"paymentMethodTransactionInfo": {
	"surcharge": {},
	"transactionCode": "9011"
	},
	"paymentMethodUsage": {
	"reservation": true,
	"posting": false
	},
	"creditLimit": {},
	"hotelId": "SAND01CN",
	"paymentMethod": "MC",
	"calculatePoints": "Never",
	"inactive": false,
	"orderSequence": 3
	},
	{
	"description": "PROMMT",
	"paymentCard": {
	"cardUsageRules": {
	"promptAtCheckin": false,
	"chipAndPin": false
	},
	"validation": {
	"rule": "Novalid"
	},
	"option": {
	"requireIssueNumber": false,

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Table 2-3 (Cont.) Mandatory Data

Mandatory Data to Retrieve	Description and Sample API Operation

	"requireStartDate": false,
	"either": false
	}
	},
	"paymentMethodTransactionInfo": {
	"surcharge": {},
	"transactionCode": "9015"
	},
	"paymentMethodUsage": {
	"reservation": true,
	"posting": false
	},
	"creditLimit": {},
	"hotelId": "SAND01CN",
	"paymentMethod": "PROMMT",
	"calculatePoints": "Never",
	"inactive": false,
	"orderSequence": 6
	},
	{
	"description": "JCB Card",
	"paymentCard": {
	"cardUsageRules": {
	"promptAtCheckin": false,
	"chipAndPin": false
	},
	"validation": {
	"rule": "Novalid"
	},
	"option": {
	"requireIssueNumber": false,
	"requireStartDate": false,
	"either": false
	},
	"cardType": "Jc"
	},
	"paymentMethodTransactionInfo": {
	"surcharge": {},
	"transactionCode": "9109"
	},
	"paymentMethodUsage": {
	"reservation": true,
	"posting": false
	},
	"creditLimit": {},
	"hotelId": "SAND01CN",
	"paymentMethod": "JCB",
	"calculatePoints": "Never",
	"inactive": false,

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Table 2-3 (Cont.) Mandatory Data

Mandatory Data to Retrieve	Description and Sample API Operation

	"orderSequence": 8
	},
	{
	"description": "Above Property Pay",
	"paymentCard": {
	"cardUsageRules": {
	"promptAtCheckin": false,
	"chipAndPin": false
	},
	"validation": {
	"length": "13,16",
	"prefix": "4",
	"rule": "Mod10"
	},
	"option": {
	"requireIssueNumber": false,
	"requireStartDate": false,
	"either": false
	},
	"cardType": "Va"
	},
	"paymentMethodTransactionInfo": {
	"surcharge": {},
	"transactionCode": "9020"
	},
	"paymentMethodUsage": {
	"reservation": true,
	"posting": false
	},
	"creditLimit": {},
	"hotelId": "SAND01CN",
	"paymentMethod": "AVA",
	"calculatePoints": "Never",
	"inactive": false,
	"orderSequence": 10
	},
	{
	"description": "American Express Offlline",
	"paymentCard": {
	"cardUsageRules": {
	"promptAtCheckin": false,
	"chipAndPin": false
	},
	"validation": {
	"length": "15",
	"prefix": "34,37",
	"rule": "Mod10"
	},

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Table 2-3 (Cont.) Mandatory Data

Mandatory Data to Retrieve	Description and Sample API Operation

	"option": {
	"requireIssueNumber": false,
	"requireStartDate": false,
	"either": false
	},
	"cardType": "Ax"
	},
	"paymentMethodTransactionInfo": {
	"surcharge": {},
	"transactionCode": "9032"
	},
	"paymentMethodUsage": {
	"reservation": true,
	"posting": false
	},
	"creditLimit": {},
	"hotelId": "SAND01CN",
	"paymentMethod": "AXOFF",
	"calculatePoints": "Never",
	"inactive": false,
	"orderSequence": 20
	},
	{
	"description": "Visa Offline",
	"paymentCard": {
	"cardUsageRules": {
	"promptAtCheckin": false,
	"chipAndPin": false
	},
	"validation": {
	"length": "13,16",
	"prefix": "4",
	"rule": "Mod10"
	},
	"option": {
	"requireIssueNumber": false,
	"requireStartDate": false,
	"either": false
	},
	"cardType": "Va"
	},
	"paymentMethodTransactionInfo": {
	"surcharge": {},
	"transactionCode": "9030"
	},
	"paymentMethodUsage": {
	"reservation": true,
	"posting": false
	},

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Table 2-3 (Cont.) Mandatory Data

Mandatory Data to Retrieve	Description and Sample API Operation

	"creditLimit": {},
	"hotelId": "SAND01CN",
	"paymentMethod": "VAOFF",
	"calculatePoints": "Never",
	"inactive": false,
	"orderSequence": 21
	},
	{
	"description": "Master Card Offline",
	"paymentCard": {
	"cardUsageRules": {
	"promptAtCheckin": false,
	"chipAndPin": false
	},
	"validation": {
	"length": "11,12,13,14,15,16",
	"prefix":
	"51,52,53,54,55,22,23,24,25,26,27",
	"rule": "Mod10"
	},
	"option": {
	"requireIssueNumber": false,
	"requireStartDate": false,
	"either": false
	},
	"cardType": "Mc"
	},
	"paymentMethodTransactionInfo": {
	"surcharge": {},
	"transactionCode": "9031"
	},
	"paymentMethodUsage": {
	"reservation": true,
	"posting": false
	},
	"creditLimit": {},
	"hotelId": "SAND01CN",
	"paymentMethod": "MCOFF",
	"calculatePoints": "Never",
	"inactive": false,
	"orderSequence": 22
	},
	{
	"description": "Autobalancing Cash POS",
	"paymentCard": {
	"cardUsageRules": {
	"promptAtCheckin": false,
	"chipAndPin": false
	},

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Table 2-3 (Cont.) Mandatory Data

Mandatory Data to Retrieve	Description and Sample API Operation
	"validation": { "rule": "Novalid" }, "option": { "requireIssueNumber": false, "requireStartDate": false, "either": false } }, "paymentMethodTransactionInfo": { "surcharge": {}, "transactionCode": "9100" }, "paymentMethodUsage": { "reservation": false, "posting": false }, "creditLimit": {}, "hotelId": "SAND01CN", "paymentMethod": "ABPOSCA", "calculatePoints": "Never", "inactive": false, "orderSequence": 30 }, { "description": "Gift Card", "paymentCard": { "cardUsageRules": { "promptAtCheckin": false, "chipAndPin": false }, "validation": { "rule": "Novalid" }, "option": { "requireIssueNumber": false, "requireStartDate": false, "either": false } }, "paymentMethodTransactionInfo": { "surcharge": {}, "transactionCode": "9039" }, "paymentMethodUsage": { "reservation": true, "posting": true }, "creditLimit": {},

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Table 2-3 (Cont.) Mandatory Data

Mandatory Data to Retrieve	Description and Sample API Operation

	"hotelId": "SAND01CN",
	"paymentMethod": "GFT",
	"calculatePoints": "Never",
	"inactive": false,
	"orderSequence": 98
	},
	{
	"description": "Test method 1",
	"paymentCard": {
	"cardUsageRules": {
	"promptAtCheckin": false,
	"chipAndPin": false
	},
	"validation": {
	"rule": "Novalid"
	},
	"option": {
	"requireIssueNumber": false,
	"requireStartDate": false,
	"either": false
	}
	},
	"paymentMethodTransactionInfo": {
	"surcharge": {},
	"transactionCode": "9000"
	},
	"paymentMethodUsage": {
	"reservation": true,
	"posting": false
	},
	"creditLimit": {},
	"hotelId": "SAND01CN",
	"paymentMethod": "TMM",
	"calculatePoints": "Never",
	"inactive": false,
	"orderSequence": 101
	},
	{
	"description": "Test method",
	"paymentCard": {
	"cardUsageRules": {
	"promptAtCheckin": false,
	"chipAndPin": false
	},
	"validation": {
	"rule": "Novalid"
	},
	"option": {
	"requireIssueNumber": false,

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Table 2-3 (Cont.) Mandatory Data

Mandatory Data to Retrieve	Description and Sample API Operation

	"requireStartDate": false,
	"either": false
	}
	},
	"paymentMethodTransactionInfo": {
	"surcharge": {},
	"transactionCode": "9000"
	},
	"paymentMethodUsage": {
	"reservation": true,
	"posting": true
	},
	"creditLimit": {},
	"hotelId": "SAND01CN",
	"paymentMethod": "TM",
	"calculatePoints": "Never",
	"inactive": false,
	"orderSequence": 101
	},
	{
	"description": "At-visions",
	"paymentCard": {
	"cardUsageRules": {
	"promptAtCheckin": false,
	"chipAndPin": false
	},
	"validation": {
	"rule": "Novalid"
	},
	"option": {
	"requireIssueNumber": false,
	"requireStartDate": false,
	"either": false
	}
	},
	"paymentMethodTransactionInfo": {
	"surcharge": {},
	"transactionCode": "9002"
	},
	"paymentMethodUsage": {
	"reservation": true,
	"posting": true
	},
	"creditLimit": {},
	"hotelId": "SAND01CN",
	"paymentMethod": "WEB1",
	"calculatePoints": "Never",
	"inactive": false,
	"orderSequence": 101

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Table 2-3 (Cont.) Mandatory Data

Mandatory Data to Retrieve	Description and Sample API Operation

	},
	{
	"description": "Web at-visions",
	"paymentCard": {
	"cardUsageRules": {
	"promptAtCheckin": false,
	"chipAndPin": false
	},
	"validation": {
	"rule": "Novalid"
	},
	"option": {
	"requireIssueNumber": false,
	"requireStartDate": false,
	"either": false
	}
	},
	"paymentMethodTransactionInfo": {
	"surcharge": {},
	"transactionCode": "9001"
	},
	"paymentMethodUsage": {
	"reservation": true,
	"posting": false
	},
	"creditLimit": {},
	"hotelId": "SAND01CN",
	"paymentMethod": "WEB",
	"calculatePoints": "Never",
	"inactive": false,
	"orderSequence": 101
	},
	{
	"description": "Paypal Test",
	"paymentCard": {
	"cardUsageRules": {
	"promptAtCheckin": false,
	"chipAndPin": false
	},
	"validation": {
	"rule": "Novalid"
	},
	"option": {
	"requireIssueNumber": false,
	"requireStartDate": false,
	"either": false
	}
	},
	"paymentMethodTransactionInfo": {

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Table 2-3 (Cont.) Mandatory Data

Mandatory Data to Retrieve	Description and Sample API Operation

	"surcharge": {},
	"transactionCode": "1338"
	},
	"paymentMethodUsage": {
	"reservation": true,
	"posting": true
	},
	"creditLimit": {},
	"hotelId": "SAND01CN",
	"paymentMethod": "SM",
	"calculatePoints": "Never",
	"inactive": false,
	"orderSequence": 110
	},
	{
	"description": "Paypal Test",
	"paymentCard": {
	"cardUsageRules": {
	"promptAtCheckin": false,
	"chipAndPin": false
	},
	"validation": {
	"rule": "Novalid"
	},
	"option": {
	"requireIssueNumber": false,
	"requireStartDate": false,
	"either": false
	},
	"cardType": "Va"
	},
	"paymentMethodTransactionInfo": {
	"surcharge": {},
	"transactionCode": "9000"
	},
	"paymentMethodUsage": {
	"reservation": true,
	"posting": true
	},
	"creditLimit": {},
	"hotelId": "SAND01CN",
	"paymentMethod": "PAYPAL",
	"calculatePoints": "Never",
	"inactive": false,
	"orderSequence": 110
	},
	{
	"description": "Adyen cashh",
	"paymentCard": {

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Table 2-3 (Cont.) Mandatory Data

Mandatory Data to Retrieve	Description and Sample API Operation

	"cardUsageRules": {
	"promptAtCheckin": false,
	"chipAndPin": false
	},
	"validation": {
	"length": "13,16",
	"prefix": "4",
	"rule": "Mod10"
	},
	"option": {
	"requireIssueNumber": false,
	"requireStartDate": false,
	"either": false
	},
	"cardType": "Va"
	},
	"paymentMethodTransactionInfo": {
	"surcharge": {},
	"transactionCode": "90002"
	},
	"paymentMethodUsage": {
	"reservation": true,
	"posting": true
	},
	"creditLimit": {
	"creditLimit": {
	"amount": 0
	}
	},
	"hotelId": "SAND01CN",
	"paymentMethod": "CASHH",
	"calculatePoints": "Always",
	"inactive": false,
	"orderSequence": 110
	}
	],
	"totalPages": 2,
	"offset": 20,
	"limit": 20,
	"hasMore": true,
	"totalResults": 23,
	"links": []
	} "paymentMethods": [
	{
	"description": "Check",
	"paymentCard": {
	"cardUsageRules": {
	"promptAtCheckin": false,
	"chipAndPin": false

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Table 2-3 (Cont.) Mandatory Data

Mandatory Data to Retrieve	Description and Sample API Operation

	`},`
	`"validation": {`
	`"rule": "Novalid"`
	`},`
	`"option": {`
	`"requireIssueNumber": false,`
	`"requireStartDate": false,`
	`"either": false`
	`}`
	`},`
	`"paymentMethodTransactionInfo": {`
	`"surcharge": {},`
	`"transactionCode": "9001"`
	`},`
	`"paymentMethodUsage": {`
	`"reservation": true,`
	`"posting": false`
	`},`
	`"creditLimit": {},`
	`"hotelId": "SAND01CN",`
	`"paymentMethod": "CK",`
	`"calculatePoints": "Never",`
	`"inactive": false,`
	`"orderSequence": 1`
	`},`
	`{`
	`"description": "Cash",`
	`"paymentCard": {`
	`"cardUsageRules": {`
	`"promptAtCheckin": false,`
	`"chipAndPin": false`
	`},`
	`"validation": {`
	`"rule": "Novalid"`
	`},`
	`"option": {`
	`"requireIssueNumber": false,`
	`"requireStartDate": false,`
	`"either": false`
	`}`
	`},`
	`"paymentMethodTransactionInfo": {`
	`"surcharge": {},`
	`"transactionCode": "9000"`
	`},`
	`"paymentMethodUsage": {`
	`"reservation": true,`
	`"posting": true`
	`},`

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Table 2-3 (Cont.) Mandatory Data

Mandatory Data to Retrieve	Description and Sample API Operation

	"creditLimit": {},
	"hotelId": "SAND01CN",
	"paymentMethod": "CA",
	"calculatePoints": "Never",
	"inactive": false,
	"orderSequence": 1
	},
	{
	"description": "Direct Bill",
	"paymentCard": {
	"cardUsageRules": {
	"promptAtCheckin": false,
	"chipAndPin": false
	},
	"validation": {
	"rule": "Novalid"
	},
	"option": {
	"requireIssueNumber": false,
	"requireStartDate": false,
	"either": false
	}
	},
	"paymentMethodTransactionInfo": {
	"surcharge": {},
	"transactionCode": "9009"
	},
	"paymentMethodUsage": {
	"reservation": true,
	"posting": true
	},
	"creditLimit": {},
	"hotelId": "SAND01CN",
	"paymentMethod": "DB",
	"calculatePoints": "Never",
	"inactive": false,
	"orderSequence": 2
	},
	{
	"description": "American Express",
	"paymentCard": {
	"cardUsageRules": {
	"promptAtCheckin": false,
	"chipAndPin": false
	},
	"validation": {
	"length": "15",
	"prefix": "34,37",
	"rule": "Mod10"

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Table 2-3 (Cont.) Mandatory Data

Mandatory Data to Retrieve	Description and Sample API Operation

	<pre> },
	                "option": {
	                    "requireIssueNumber": false,
	                    "requireStartDate": false,
	                    "either": false
	                },
	                "cardType": "Ax"
	            },
	            "paymentMethodTransactionInfo": {
	                "surcharge": {},
	                "transactionCode": "9005"
	            },
	            "paymentMethodUsage": {
	                "reservation": true,
	                "posting": false
	            },
	            "creditLimit": {},
	            "hotelId": "SAND01CN",
	            "paymentMethod": "AX",
	            "calculatePoints": "Never",
	            "inactive": false,
	            "orderSequence": 3
	        },
	        {
	            "description": "MasterCard",
	            "paymentCard": {
	                "cardUsageRules": {
	                    "promptAtCheckin": false,
	                    "chipAndPin": false
	                },
	                "validation": {
	                    "length": "11,12,13,14,15,16",
	                    "prefix":
	"51,52,53,54,55,22,23,24,25,26,27",
	                    "rule": "Mod10"
	                },
	                "option": {
	                    "requireIssueNumber": false,
	                    "requireStartDate": false,
	                    "either": false
	                },
	                "cardType": "Mc"
	            },
	            "paymentMethodTransactionInfo": {
	                "surcharge": {},
	                "transactionCode": "9011"
	            },
	            "paymentMethodUsage": {
	                "reservation": true,</pre>

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Table 2-3 (Cont.) Mandatory Data

Mandatory Data to Retrieve	Description and Sample API Operation

	"posting": false
	},
	"creditLimit": {},
	"hotelId": "SAND01CN",
	"paymentMethod": "MC",
	"calculatePoints": "Never",
	"inactive": false,
	"orderSequence": 3
	},
	{
	"description": "PROMMT",
	"paymentCard": {
	"cardUsageRules": {
	"promptAtCheckin": false,
	"chipAndPin": false
	},
	"validation": {
	"rule": "Novalid"
	},
	"option": {
	"requireIssueNumber": false,
	"requireStartDate": false,
	"either": false
	}
	},
	"paymentMethodTransactionInfo": {
	"surcharge": {},
	"transactionCode": "9015"
	},
	"paymentMethodUsage": {
	"reservation": true,
	"posting": false
	},
	"creditLimit": {},
	"hotelId": "SAND01CN",
	"paymentMethod": "PROMMT",
	"calculatePoints": "Never",
	"inactive": false,
	"orderSequence": 6
	},
	{
	"description": "JCB Card",
	"paymentCard": {
	"cardUsageRules": {
	"promptAtCheckin": false,
	"chipAndPin": false
	},
	"validation": {
	"rule": "Novalid"

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Table 2-3 (Cont.) Mandatory Data

Mandatory Data to Retrieve	Description and Sample API Operation

	},
	"option": {
	"requireIssueNumber": false,
	"requireStartDate": false,
	"either": false
	},
	"cardType": "Jc"
	},
	"paymentMethodTransactionInfo": {
	"surcharge": {},
	"transactionCode": "9109"
	},
	"paymentMethodUsage": {
	"reservation": true,
	"posting": false
	},
	"creditLimit": {},
	"hotelId": "SAND01CN",
	"paymentMethod": "JCB",
	"calculatePoints": "Never",
	"inactive": false,
	"orderSequence": 8
	},
	{
	"description": "Above Property Pay",
	"paymentCard": {
	"cardUsageRules": {
	"promptAtCheckin": false,
	"chipAndPin": false
	},
	"validation": {
	"length": "13,16",
	"prefix": "4",
	"rule": "Mod10"
	},
	"option": {
	"requireIssueNumber": false,
	"requireStartDate": false,
	"either": false
	},
	"cardType": "Va"
	},
	"paymentMethodTransactionInfo": {
	"surcharge": {},
	"transactionCode": "9020"
	},
	"paymentMethodUsage": {
	"reservation": true,
	"posting": false

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Table 2-3 (Cont.) Mandatory Data

Mandatory Data to Retrieve	Description and Sample API Operation

	},
	"creditLimit": {},
	"hotelId": "SAND01CN",
	"paymentMethod": "AVA",
	"calculatePoints": "Never",
	"inactive": false,
	"orderSequence": 10
	},
	{
	"description": "American Express Offlline",
	"paymentCard": {
	"cardUsageRules": {
	"promptAtCheckin": false,
	"chipAndPin": false
	},
	"validation": {
	"length": "15",
	"prefix": "34,37",
	"rule": "Mod10"
	},
	"option": {
	"requireIssueNumber": false,
	"requireStartDate": false,
	"either": false
	},
	"cardType": "Ax"
	},
	"paymentMethodTransactionInfo": {
	"surcharge": {},
	"transactionCode": "9032"
	},
	"paymentMethodUsage": {
	"reservation": true,
	"posting": false
	},
	"creditLimit": {},
	"hotelId": "SAND01CN",
	"paymentMethod": "AXOFF",
	"calculatePoints": "Never",
	"inactive": false,
	"orderSequence": 20
	},
	{
	"description": "Visa Offline",
	"paymentCard": {
	"cardUsageRules": {
	"promptAtCheckin": false,
	"chipAndPin": false

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Table 2-3 (Cont.) Mandatory Data

Mandatory Data to Retrieve	Description and Sample API Operation

	<pre>},
	"validation": {
	"length": "13,16",
	"prefix": "4",
	"rule": "Mod10"
	},
	"option": {
	"requireIssueNumber": false,
	"requireStartDate": false,
	"either": false
	},
	"cardType": "Va"
	},
	"paymentMethodTransactionInfo": {
	"surcharge": {},
	"transactionCode": "9030"
	},
	"paymentMethodUsage": {
	"reservation": true,
	"posting": false
	},
	"creditLimit": {},
	"hotelId": "SAND01CN",
	"paymentMethod": "VAOFF",
	"calculatePoints": "Never",
	"inactive": false,
	"orderSequence": 21
	},
	{
	"description": "Master Card Offline",
	"paymentCard": {
	"cardUsageRules": {
	"promptAtCheckin": false,
	"chipAndPin": false
	},
	"validation": {
	"length": "11,12,13,14,15,16",
	"prefix":
	"51,52,53,54,55,22,23,24,25,26,27",
	"rule": "Mod10"
	},
	"option": {
	"requireIssueNumber": false,
	"requireStartDate": false,
	"either": false
	},
	"cardType": "Mc"
	},
	"paymentMethodTransactionInfo": {</pre>

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Table 2-3 (Cont.) Mandatory Data

Mandatory Data to Retrieve	Description and Sample API Operation

	"surcharge": {},
	"transactionCode": "9031"
	},
	"paymentMethodUsage": {
	"reservation": true,
	"posting": false
	},
	"creditLimit": {},
	"hotelId": "SAND01CN",
	"paymentMethod": "MCOFF",
	"calculatePoints": "Never",
	"inactive": false,
	"orderSequence": 22
	},
	{
	"description": "Autobalancing Cash POS",
	"paymentCard": {
	"cardUsageRules": {
	"promptAtCheckin": false,
	"chipAndPin": false
	},
	"validation": {
	"rule": "Novalid"
	},
	"option": {
	"requireIssueNumber": false,
	"requireStartDate": false,
	"either": false
	}
	},
	"paymentMethodTransactionInfo": {
	"surcharge": {},
	"transactionCode": "9100"
	},
	"paymentMethodUsage": {
	"reservation": false,
	"posting": false
	},
	"creditLimit": {},
	"hotelId": "SAND01CN",
	"paymentMethod": "ABPOSCA",
	"calculatePoints": "Never",
	"inactive": false,
	"orderSequence": 30
	},
	{
	"description": "Gift Card",
	"paymentCard": {
	"cardUsageRules": {

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Table 2-3 (Cont.) Mandatory Data

Mandatory Data to Retrieve	Description and Sample API Operation

	"promptAtCheckin": false,
	"chipAndPin": false
	},
	"validation": {
	"rule": "Novalid"
	},
	"option": {
	"requireIssueNumber": false,
	"requireStartDate": false,
	"either": false
	}
	},
	"paymentMethodTransactionInfo": {
	"surcharge": {},
	"transactionCode": "9039"
	},
	"paymentMethodUsage": {
	"reservation": true,
	"posting": true
	},
	"creditLimit": {},
	"hotelId": "SAND01CN",
	"paymentMethod": "GFT",
	"calculatePoints": "Never",
	"inactive": false,
	"orderSequence": 98
	},
	{
	"description": "Test method 1",
	"paymentCard": {
	"cardUsageRules": {
	"promptAtCheckin": false,
	"chipAndPin": false
	},
	"validation": {
	"rule": "Novalid"
	},
	"option": {
	"requireIssueNumber": false,
	"requireStartDate": false,
	"either": false
	}
	},
	"paymentMethodTransactionInfo": {
	"surcharge": {},
	"transactionCode": "9000"
	},
	"paymentMethodUsage": {
	"reservation": true,

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Table 2-3 (Cont.) Mandatory Data

Mandatory Data to Retrieve	Description and Sample API Operation

	"posting": false
	},
	"creditLimit": {},
	"hotelId": "SAND01CN",
	"paymentMethod": "TMM",
	"calculatePoints": "Never",
	"inactive": false,
	"orderSequence": 101
	},
	{
	"description": "Test method",
	"paymentCard": {
	"cardUsageRules": {
	"promptAtCheckin": false,
	"chipAndPin": false
	},
	"validation": {
	"rule": "Novalid"
	},
	"option": {
	"requireIssueNumber": false,
	"requireStartDate": false,
	"either": false
	}
	},
	"paymentMethodTransactionInfo": {
	"surcharge": {},
	"transactionCode": "9000"
	},
	"paymentMethodUsage": {
	"reservation": true,
	"posting": true
	},
	"creditLimit": {},
	"hotelId": "SAND01CN",
	"paymentMethod": "TM",
	"calculatePoints": "Never",
	"inactive": false,
	"orderSequence": 101
	},
	{
	"description": "At-visions",
	"paymentCard": {
	"cardUsageRules": {
	"promptAtCheckin": false,
	"chipAndPin": false
	},
	"validation": {
	"rule": "Novalid"

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Table 2-3 (Cont.) Mandatory Data

Mandatory Data to Retrieve	Description and Sample API Operation

	`},`
	`"option": {`
	`"requireIssueNumber": false,`
	`"requireStartDate": false,`
	`"either": false`
	`}`
	`},`
	`"paymentMethodTransactionInfo": {`
	`"surcharge": {},`
	`"transactionCode": "9002"`
	`},`
	`"paymentMethodUsage": {`
	`"reservation": true,`
	`"posting": true`
	`},`
	`"creditLimit": {},`
	`"hotelId": "SAND01CN",`
	`"paymentMethod": "WEB1",`
	`"calculatePoints": "Never",`
	`"inactive": false,`
	`"orderSequence": 101`
	`},`
	`{`
	`"description": "Web at-visions",`
	`"paymentCard": {`
	`"cardUsageRules": {`
	`"promptAtCheckin": false,`
	`"chipAndPin": false`
	`},`
	`"validation": {`
	`"rule": "Novalid"`
	`},`
	`"option": {`
	`"requireIssueNumber": false,`
	`"requireStartDate": false,`
	`"either": false`
	`}`
	`},`
	`"paymentMethodTransactionInfo": {`
	`"surcharge": {},`
	`"transactionCode": "9001"`
	`},`
	`"paymentMethodUsage": {`
	`"reservation": true,`
	`"posting": false`
	`},`
	`"creditLimit": {},`
	`"hotelId": "SAND01CN",`
	`"paymentMethod": "WEB",`

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Table 2-3 (Cont.) Mandatory Data

Mandatory Data to Retrieve	Description and Sample API Operation

	"calculatePoints": "Never",
	"inactive": false,
	"orderSequence": 101
	},
	{
	"description": "Paypal Test",
	"paymentCard": {
	"cardUsageRules": {
	"promptAtCheckin": false,
	"chipAndPin": false
	},
	"validation": {
	"rule": "Novalid"
	},
	"option": {
	"requireIssueNumber": false,
	"requireStartDate": false,
	"either": false
	}
	},
	"paymentMethodTransactionInfo": {
	"surcharge": {},
	"transactionCode": "1338"
	},
	"paymentMethodUsage": {
	"reservation": true,
	"posting": true
	},
	"creditLimit": {},
	"hotelId": "SAND01CN",
	"paymentMethod": "SM",
	"calculatePoints": "Never",
	"inactive": false,
	"orderSequence": 110
	},
	{
	"description": "Paypal Test",
	"paymentCard": {
	"cardUsageRules": {
	"promptAtCheckin": false,
	"chipAndPin": false
	},
	"validation": {
	"rule": "Novalid"
	},
	"option": {
	"requireIssueNumber": false,
	"requireStartDate": false,
	"either": false

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Table 2-3 (Cont.) Mandatory Data

Mandatory Data to Retrieve	Description and Sample API Operation

	`},`
	`"cardType": "Va"`
	`},`
	`"paymentMethodTransactionInfo": {`
	`"surcharge": {},`
	`"transactionCode": "9000"`
	`},`
	`"paymentMethodUsage": {`
	`"reservation": true,`
	`"posting": true`
	`},`
	`"creditLimit": {},`
	`"hotelId": "SAND01CN",`
	`"paymentMethod": "PAYPAL",`
	`"calculatePoints": "Never",`
	`"inactive": false,`
	`"orderSequence": 110`
	`},`
	`{`
	`"description": "Adyen cashh",`
	`"paymentCard": {`
	`"cardUsageRules": {`
	`"promptAtCheckin": false,`
	`"chipAndPin": false`
	`},`
	`"validation": {`
	`"length": "13,16",`
	`"prefix": "4",`
	`"rule": "Mod10"`
	`},`
	`"option": {`
	`"requireIssueNumber": false,`
	`"requireStartDate": false,`
	`"either": false`
	`},`
	`"cardType": "Va"`
	`},`
	`"paymentMethodTransactionInfo": {`
	`"surcharge": {},`
	`"transactionCode": "90002"`
	`},`
	`"paymentMethodUsage": {`
	`"reservation": true,`
	`"posting": true`
	`},`
	`"creditLimit": {`
	`"creditLimit": {`
	`"amount": 0`
	`}`

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Table 2-3 (Cont.) Mandatory Data

Mandatory Data to Retrieve	Description and Sample API Operation

	`},`
	`"hotelId": "SAND01CN",`
	`"paymentMethod": "CASHH",`
	`"calculatePoints": "Always",`
	`"inactive": false,`
	`"orderSequence": 110`
	`}`
	`],`
	`"totalPages": 2,`
	`"offset": 20,`
	`"limit": 20,`
	`"hasMore": true,`
	`"totalResults": 23,`
	`"links": []`
	`}`

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Table 2-3 (Cont.) Mandatory Data

Mandatory Data to Retrieve	Description and Sample API Operation

Retrieve the configured cashierId linked to the integration user	In OPERA Cloud PMS each charge must be linked to a Cashier. Therefore, the postBillingCharges operation requires sending a CashierId.
	Cashier IDs are configured in OPERA Cloud PMS and are linked to an application user or an integration user.
	To retrieve the CashierId for your integration user, use the getCashierDetails operation with query parameter "appUser."
	The cashierId value must be sent in all the postBillingCharges operations.
	getCashierDetails
	
	`GET {{HostName}}/fof/config/v1/cashierDetails/cashiers?appUser={{AppUser}}`
	
	`200 Response:`
	
	`{ "cashiers": [{ "cashierId": 188, "currencyCode": "USD", "name": "CashierName", "attachedUser": "{{AppUser}}", "cashierType": "InterfaceCashier", "startingAmount": 0, "floatOverShort": false, "usageInfo": { "maximumDailyUses": 999, "history": { "lastOpened": "2024-02-06", "timesOpened": 0 } }, "kiosk": false, "inactive": false, "appUsers": [{ "appUser": "{{AppUser}} "appUserId": { "id": "123456", "type": "AppUserId" } }] }], "totalPages": 1, "offset": 20, "limit": 20,`

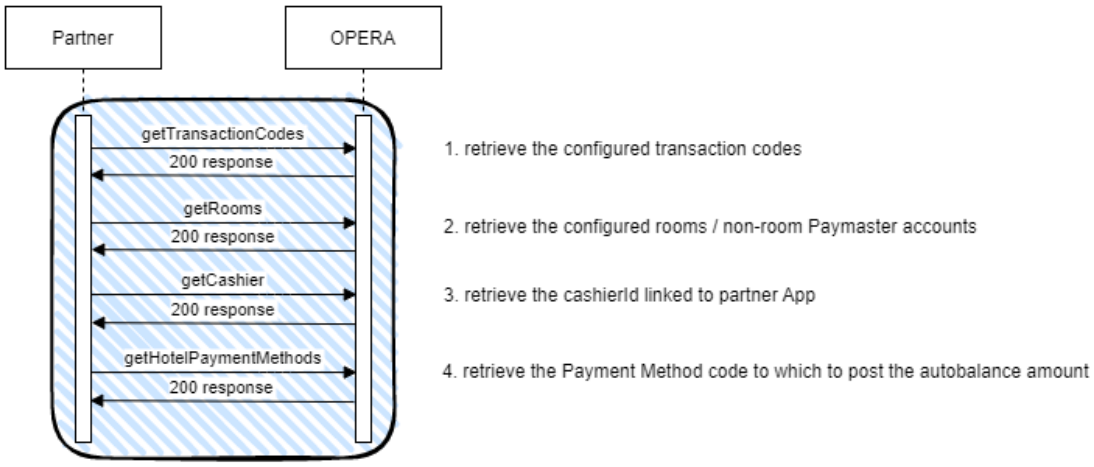
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Table 2-3 (Cont.) Mandatory Data

Mandatory Data to Retrieve	Description and Sample API Operation

	<pre> "hasMore": false,
	    "totalResults": 1,
	    "links": []
	}</pre>

Figure 2-1 Diagram of Workflow to Get Configuration Data for Post Charges



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Table 2-4 Workflow to Get Configuration Data for Post Charges

	Description of Steps	Operation

1	**Retrieve the configured transaction codes for Phone charges.**
	The transaction code is mandatory to send with posting charges.
	With the OHIP REST API posting operations, it is only possible to post a charge sending the final amount linked with the revenue transaction code.
	This can be a single charge amount or multiple charge amounts to post in a postBillingCharges operation. However, the operation does not contain a total amount (as you might know from legacy integrations, such as FIAS or XML_POS API).
	Use the FrontDesk Configuration operation getTransactionCodes to retrieve the configured transaction codes.
		getTransactionCodes
		Get fof/cfg/ TransactionCodes
		
		`GET {{HostName}}/fof/config/v1/transactionCodes?hotelId={{HotelId}}&transactionGroupCodes=REV&transactionSubgroupsCodes=OTHR`
		
		`200 Response:`
		
		`{ "transactionCodes": [{ "classification": { "type": "Revenue", "transactionType": { "code": "Others" }, "group": { "code": "REV", "description": "Revenue" }, "subgroup": { "code": "OTHR", "description": "Other Revenue" } }, "description": { "defaultText": "Old Balance" }, "trxSetup": { "taxInclusive": false, "revenue": true, "manualPosting": true, "useForPaidout": false, "redeemMembershipPoints": false, "includeInDepositRule": false, "depositPostingOnly": false, "postingRule": false, "checkNoRequired": false, "interHotelSales": false, "postCovers": false, "nonTaxable": false, "inactive": false, "earnMembershipPoints": false }, "amounts": {}, "allowServiceRecovery": false, "code": "1009",`

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Table 2-4 (Cont.) Workflow to Get Configuration Data for Post Charges

	Description of Steps	Operation

		<pre>"compTransaction": false,
		"printTrxReceipt": false,
		"hotelId": "SAND01CN"
		},
		{
		"classification": {
		"type": "Revenue",
		"transactionType": {
		"code": "Others"
		},
		"group": {
		"code": "REV",
		"description": "Revenue"
		},
		"subgroup": {
		"code": "OTHR",
		"description": "Other Revenue"
		}
		},
		"description": {
		"defaultText": "Old Balance"
		},
		"trxSetup": {
		"taxInclusive": false,
		"revenue": true,
		"manualPosting": false,
		"useForPaidout": false,
		"redeemMembershipPoints": false,
		"includeInDepositRule": false,
		"depositPostingOnly": false,
		"postingRule": false,
		"checkNoRequired": false,
		"interHotelSales": false,
		"postCovers": false,
		"nonTaxable": false,
		"inactive": false,
		"earnMembershipPoints": false
		},
		"amounts": {},
		"allowServiceRecovery": false,
		"code": "1011",
		"compTransaction": false,
		"printTrxReceipt": false,
		"hotelId": "SAND01CN"
		},
		{
		"classification": {
		"type": "Revenue",
		"transactionType": {</pre>

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Table 2-4 (Cont.) Workflow to Get Configuration Data for Post Charges

	Description of Steps	Operation

		"code": "Telephone"
		},
		"group": {
		"code": "REV",
		"description": "Revenue"
		},
		"subgroup": {
		"code": "OTHR",
		"description": "Other Revenue"
		}
		},
		"description": {
		"defaultText": "Phone Charge"
		},
		"trxSetup": {
		"generatesType": "INCLUSIVE",
		"taxInclusive": true,
		"revenue": true,
		"manualPosting": true,
		"useForPaidout": false,
		"redeemMembershipPoints": false,
		"includeInDepositRule": false,
		"depositPostingOnly": false,
		"postingRule": false,
		"checkNoRequired": false,
		"interHotelSales": false,
		"postCovers": false,
		"nonTaxable": false,
		"inactive": false,
		"earnMembershipPoints": false
		},
		"amounts": {},
		"allowServiceRecovery": false,
		"code": "3000",
		"compTransaction": false,
		"printTrxReceipt": false,
		"hotelId": "SAND01CN"
		},
		{
		"classification": {
		"type": "Revenue",
		"group": {
		"code": "REV",
		"description": "Revenue"
		},
		"subgroup": {
		"code": "OTHR",
		"description": "Other Revenue"
		}

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Table 2-4 (Cont.) Workflow to Get Configuration Data for Post Charges

	Description of Steps	Operation

		<pre>},
		"description": {
		"defaultText":
		"TEST_TRANSACTION_COD1"
		},
		"trxSetup": {
		"taxInclusive": false,
		"revenue": true,
		"manualPosting": false,
		"useForPaidout": false,
		"redeemMembershipPoints": false,
		"includeInDepositRule": false,
		"depositPostingOnly": false,
		"postingRule": false,
		"checkNoRequired": false,
		"interHotelSales": false,
		"postCovers": false,
		"nonTaxable": false,
		"inactive": false,
		"earnMembershipPoints": false
		},
		"amounts": {},
		"allowServiceRecovery": false,
		"code": "50000",
		"compTransaction": false,
		"printTrxReceipt": false,
		"hotelId": "SAND01CN"
		},
		{
		"classification": {
		"type": "Revenue",
		"transactionType": {
		"code": "Others"
		},
		"group": {
		"code": "REV",
		"description": "Revenue"
		},
		"subgroup": {
		"code": "OTHR",
		"description": "Other Revenue"
		}
		},
		"description": {
		"defaultText": "Tickets"
		},
		"trxSetup": {
		"generatesType": "INCLUSIVE",
		"taxInclusive": true,</pre>

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Table 2-4 (Cont.) Workflow to Get Configuration Data for Post Charges

	Description of Steps	Operation

		"revenue": true,
		"manualPosting": true,
		"useForPaidout": false,
		"redeemMembershipPoints": false,
		"includeInDepositRule": true,
		"depositPostingOnly": false,
		"postingRule": false,
		"checkNoRequired": false,
		"interHotelSales": false,
		"postCovers": false,
		"nonTaxable": false,
		"inactive": false,
		"earnMembershipPoints": false
		},
		"amounts": {},
		"allowServiceRecovery": false,
		"code": "5010",
		"compTransaction": false,
		"printTrxReceipt": false,
		"hotelId": "SAND01CN"
		},
		{
		"classification": {
		"type": "Revenue",
		"transactionType": {
		"code": "Others"
		},
		"group": {
		"code": "REV",
		"description": "Revenue"
		},
		"subgroup": {
		"code": "OTHR",
		"description": "Other Revenue"
		}
		},
		"description": {
		"defaultText": "Daily Paper"
		},
		"trxSetup": {
		"generatesType": "INCLUSIVE",
		"taxInclusive": true,
		"revenue": true,
		"manualPosting": true,
		"useForPaidout": false,
		"redeemMembershipPoints": false,
		"includeInDepositRule": true,
		"depositPostingOnly": false,
		"postingRule": false,

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Table 2-4 (Cont.) Workflow to Get Configuration Data for Post Charges

	Description of Steps	Operation

		"checkNoRequired": false,
		"interHotelSales": false,
		"postCovers": false,
		"nonTaxable": false,
		"inactive": false,
		"earnMembershipPoints": false
		},
		"amounts": {},
		"allowServiceRecovery": false,
		"code": "5011",
		"compTransaction": false,
		"printTrxReceipt": false,
		"hotelId": "SAND01CN"
		},
		{
		"classification": {
		"type": "Revenue",
		"transactionType": {
		"code": "Others"
		},
		"group": {
		"code": "REV",
		"description": "Revenue"
		},
		"subgroup": {
		"code": "OTHR",
		"description": "Other Revenue"
		}
		},
		"description": {
		"defaultText": "Post Card"
		},
		"trxSetup": {
		"generatesType": "INCLUSIVE",
		"taxInclusive": true,
		"revenue": true,
		"manualPosting": true,
		"useForPaidout": false,
		"redeemMembershipPoints": false,
		"includeInDepositRule": true,
		"depositPostingOnly": false,
		"postingRule": false,
		"checkNoRequired": false,
		"interHotelSales": false,
		"postCovers": false,
		"nonTaxable": false,
		"inactive": false,
		"earnMembershipPoints": false
		},

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Table 2-4 (Cont.) Workflow to Get Configuration Data for Post Charges

	Description of Steps	Operation

		<pre>"amounts": {},
		"allowServiceRecovery": false,
		"code": "5012",
		"compTransaction": false,
		"printTrxReceipt": false,
		"hotelId": "SAND01CN"
		},
		{
		"classification": {
		"type": "Revenue",
		"transactionType": {
		"code": "Others"
		},
		"group": {
		"code": "REV",
		"description": "Revenue"
		},
		"subgroup": {
		"code": "OTHR",
		"description": "Other Revenue"
		}
		},
		"description": {
		"defaultText": "Transport"
		},
		"trxSetup": {
		"generatesType": "INCLUSIVE",
		"taxInclusive": true,
		"revenue": true,
		"manualPosting": true,
		"useForPaidout": false,
		"redeemMembershipPoints": false,
		"includeInDepositRule": false,
		"depositPostingOnly": false,
		"postingRule": false,
		"checkNoRequired": false,
		"interHotelSales": false,
		"postCovers": false,
		"nonTaxable": false,
		"inactive": false,
		"earnMembershipPoints": false
		},
		"amounts": {},
		"allowServiceRecovery": false,
		"code": "5016",
		"compTransaction": false,
		"printTrxReceipt": false,
		"hotelId": "SAND01CN"
		},</pre>

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Table 2-4 (Cont.) Workflow to Get Configuration Data for Post Charges

	Description of Steps	Operation

		{
		"classification": {
		"type": "Revenue",
		"transactionType": {
		"code": "Others"
		},
		"group": {
		"code": "REV",
		"description": "Revenue"
		},
		"subgroup": {
		"code": "OTHR",
		"description": "Other Revenue"
		}
		},
		"description": {
		"defaultText": "Movies"
		},
		"trxSetup": {
		"taxInclusive": true,
		"revenue": true,
		"manualPosting": true,
		"useForPaidout": false,
		"redeemMembershipPoints": false,
		"includeInDepositRule": false,
		"depositPostingOnly": false,
		"postingRule": false,
		"checkNoRequired": false,
		"interHotelSales": false,
		"postCovers": false,
		"nonTaxable": false,
		"inactive": false,
		"earnMembershipPoints": false
		},
		"amounts": {},
		"allowServiceRecovery": false,
		"code": "5601",
		"compTransaction": false,
		"printTrxReceipt": false,
		"hotelId": "SAND01CN"
		},
		{
		"classification": {
		"type": "Revenue",
		"transactionType": {
		"code": "Others"
		},
		"group": {
		"code": "REV",

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Table 2-4 (Cont.) Workflow to Get Configuration Data for Post Charges

	Description of Steps	Operation

		"description": "Revenue"
		},
		"subgroup": {
		"code": "OTHR",
		"description": "Other Revenue"
		}
		},
		"description": {
		"defaultText": "Games"
		},
		"trxSetup": {
		"taxInclusive": true,
		"revenue": true,
		"manualPosting": true,
		"useForPaidout": false,
		"redeemMembershipPoints": false,
		"includeInDepositRule": false,
		"depositPostingOnly": false,
		"postingRule": false,
		"checkNoRequired": false,
		"interHotelSales": false,
		"postCovers": false,
		"nonTaxable": false,
		"inactive": false,
		"earnMembershipPoints": false
		},
		"amounts": {},
		"allowServiceRecovery": false,
		"code": "5602",
		"compTransaction": false,
		"printTrxReceipt": false,
		"hotelId": "SAND01CN"
		},
		{
		"classification": {
		"type": "Revenue",
		"transactionType": {
		"code": "Others"
		},
		"group": {
		"code": "REV",
		"description": "Revenue"
		},
		"subgroup": {
		"code": "OTHR",
		"description": "Other Revenue"
		}
		},
		"description": {

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Table 2-4 (Cont.) Workflow to Get Configuration Data for Post Charges

	Description of Steps	Operation

		<pre>"defaultText": "HSIA In-Room-Internet"
		},
		"trxSetup": {
		"taxInclusive": true,
		"revenue": true,
		"manualPosting": true,
		"useForPaidout": false,
		"redeemMembershipPoints": false,
		"includeInDepositRule": false,
		"depositPostingOnly": false,
		"postingRule": false,
		"checkNoRequired": false,
		"interHotelSales": false,
		"postCovers": false,
		"nonTaxable": false,
		"inactive": false,
		"earnMembershipPoints": false
		},
		"amounts": {},
		"allowServiceRecovery": false,
		"code": "5603",
		"compTransaction": false,
		"printTrxReceipt": false,
		"hotelId": "SAND01CN"
		},
		{
		"classification": {
		"type": "Revenue",
		"transactionType": {
		"code": "Others"
		},
		"group": {
		"code": "REV",
		"description": "Revenue"
		},
		"subgroup": {
		"code": "OTHR",
		"description": "Other Revenue"
		}
		},
		"description": {
		"defaultText": "To Test Revenue Mapping in ASYNC Api of Resv1 23"
		},
		"trxSetup": {
		"taxInclusive": false,
		"revenue": true,
		"manualPosting": true,</pre>

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Table 2-4 (Cont.) Workflow to Get Configuration Data for Post Charges

	Description of Steps	Operation

		<pre>"useForPaidout": false,
		"redeemMembershipPoints": false,
		"includeInDepositRule": false,
		"depositPostingOnly": false,
		"postingRule": false,
		"checkNoRequired": false,
		"interHotelSales": false,
		"postCovers": false,
		"nonTaxable": false,
		"inactive": false,
		"earnMembershipPoints": false
		},
		"amounts": {},
		"allowServiceRecovery": false,
		"code": "7999",
		"compTransaction": false,
		"printTrxReceipt": false,
		"hotelId": "SAND01CN"
		}
		],
		"links": []
		}</pre>

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Table 2-4 (Cont.) Workflow to Get Configuration Data for Post Charges

	Description of Steps	Operation

2	**Retrieves the configured guest rooms to assign the internal phone lines or TV devices to.**
	Use the getRooms operation to retrieve all the active rooms set up in OPERA Cloud PMS and store them in your system. Use these rooms to link your internal devices (for example, phone line numbers or TV devices) to the guest rooms.
	Note
	The room configuration might change sometime
		getRooms
		`GET {{HostName}}/lov/v1/listOfValues/hotels/{{HotelId}}/rooms?includeInactiveFlag=false`
		`200 Response:`
		`{ "listOfValues": { "items": [{ "code": "101", "name": "ECO", "description": "Economy Room", "active": true }, { "code": "102", "name": "ECO", "description": "Economy Room", "active": true }, { "code": "103", "name": "ECO", "description": "Economy Room", "active": true }, { "code": "104", "name": "ECO", "description": "Suite", "active": true }, { "code": "105", "name": "ECO", "active": true }, { "code": "106", "name": "SGL", "description": "Standard Single Room", "active": true }, { "code": "107",`

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Table 2-4 (Cont.) Workflow to Get Configuration Data for Post Charges

	Description of Steps	Operation
	s, customercanadd, renameorremoveroomnumbersoritsdescription; t	"name": "SGL", "description": "Standard Single Room", "active": true }, { "code": "108", "name": "SGL", "description": "Standard Single Room", "active": true }, { "code": "109", "name": "SGL", "description": "Standard Single Room", "active": true }, { "code": "110", "name": "SGL", "description": "Standard Single Room", "active": true }, { "code": "121", "name": "ECO", "description": "Economy Room", "active": true }, { "code": "130", "name": "ECO", "description": "Economy Room", "active": true }, { "code": "131", "name": "SGL", "description": "Standard Single Room", "active": true }, { "code": "132", "name": "ECO", "description": "Economy Room",

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Table 2-4 (Cont.) Workflow to Get Configuration Data for Post Charges

	Description of Steps	Operation
	herefore, it is recommended to re-run this operation at least once a day an	"active": true }, { "code": "201", "name": "DBL", "description": "Standard Double Room", "active": true }, { "code": "202", "name": "DBL", "description": "Standard Double Room", "active": true }, { "code": "203", "name": "DBL", "description": "Standard Double Room", "active": true }, { "code": "204", "name": "DBL", "description": "Standard Double Room", "active": true }, { "code": "205", "name": "DBL", "description": "Standard Double Room", "active": true }, { "code": "206", "name": "DBL", "description": "Standard Double Room", "active": true },] "lovName": "Rooms", "itemCount": 42

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Table 2-4 (Cont.) Workflow to Get Configuration Data for Post Charges

	Description of Steps	Operation
	update your system configuration.	} }

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Table 2-4 (Cont.) Workflow to Get Configuration Data for Post Charges

	Description of Steps	Operation

3	**Retrieve the configured cashierId linked to the integration user.**
	In OPERA Cloud PMS, each charge must be linked to a Cashier. Therefore, the postBillingCharges operation requires sending a CashierId. Cashier IDs are configured in OPERA Cloud PMS and are linked to an application user or an integration user.
	To retrieve the CashierId for your integration user, use the getCashierDetails operation with query parameter "appUser."
	The cashierId value must be sent in all the postBillingCharges operations.
		getCashier
		getCashierDetails
		
		`GET {{HostName}}/fof/config/v1/cashierDetails/cashiers?appUser={{AppUser}}`
		
		`200 Response:`
		
		`{ "cashiers": [{ "cashierId": 188, "currencyCode": "USD", "name": "CashierName", "attachedUser": "{{AppUser}}", "cashierType": "InterfaceCashier", "startingAmount": 0, "floatOverShort": false, "usageInfo": { "maximumDailyUses": 999, "history": { "lastOpened": "2024-02-06", "timesOpened": 0 } }, "kiosk": false, "inactive": false, "appUsers": [{ "appUser": "{{AppUser}} "appUserId": { "id": "123456", "type": "AppUserId" } }] }], "totalPages": 1, "offset": 20, "limit": 20, "hasMore": false, "totalResults": 1, "links": [] }`

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Table 2-4 (Cont.) Workflow to Get Configuration Data for Post Charges

	Description of Steps	Operation

4	**Retrieve the configured Minibar article information.**
	Receive the Minibar article Name, article code, article price, and assigned revenue transaction code per article. The configuration of minibar articles can vary. Some customers only configure article groups (for example, Minibar Food, Minibar Beverage, Minibar Non-Food, and so on) and assign related transaction codes.
	
	Note
	The article configuration might change sometimes
		getArticles
		Get Minibar Articles
		
		`GET {{HostName}}/fof/config/v1/articles?includeInactive=false`
		
		`200 Response:`
		
		`{`
		`"articles": [`
		`{`
		`"description": "Minibar snacks",`
		`"transactionCode": "4510",`
		`"price": {`
		`"amount": 5`
		`},`
		`"postIt": {`
		`"availableForPostIt": true,`
		`"color": "Red"`
		`},`
		`"hotelId": "SAND01CN",`
		`"articleCode": "10",`
		`"inactive": false,`
		`"orderSequence": 1`
		`},`
		`{`
		`"description": "Minibar chips",`
		`"transactionCode": "4510",`
		`"price": {`
		`"amount": 4`
		`},`
		`"postIt": {`
		`"availableForPostIt": true,`
		`"color": "Blue"`
		`},`
		`"hotelId": "SAND01CN",`
		`"articleCode": "11",`
		`"inactive": false,`
		`"orderSequence": 2`
		`},`
		`{`
		`"description": "Minibar soda",`
		`"transactionCode": "4511",`
		`"price": {`
		`"amount": 3`
		`},`
		`"postIt": {`
		`"availableForPostIt": true,`
		`"color": "Green"`

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Table 2-4 (Cont.) Workflow to Get Configuration Data for Post Charges

	Description of Steps	Operation
	messcanaddrenameorremovearticleschangeitsdescription,	}, "hotelId": "SAND01CN", "articleCode": "12", "inactive": false }], "links": [] }

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Table 2-4 (Cont.) Workflow to Get Configuration Data for Post Charges

	Description of Steps	Operation
	or link an article to a different transaction code. Therefore, it is recommen	

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Table 2-4 (Cont.) Workflow to Get Configuration Data for Post Charges

	Description of Steps	Operation
	dedtorerunthisoperationatleastonceadayandupdateyoursystemco	

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Table 2-4 (Cont.) Workflow to Get Configuration Data for Post Charges

	Description of Steps	Operation
	nfigurration.	

What data is necessary to perform Post charges via OHIP APIs?

Posting to room numbers:

The **postBillingCharges** operation does not support the room number, it is only possible to post a charge against the **reservationId** of a checked in guest. Therefore, the partner must retrieve the reservationId that is currently checked in to a specifc room.

A **revenue transaction code** is also required to post a charge. Transaction codes are defined by the customer and can vary from one customer to another.

Use the **getReservations** operations.

- For phone systems, the typical query parameter is the "roomId" = "XYZ" as posting to line numbers is not available. In OPERA Cloud, guest room line numbers are not specifically set up.
- The additional query parameter is searchType = "InHouse" so as to only retrieve the currently checked in reservations.

  This operation must be called each time prior to sending a postBillingCharge operation to ensure you receive the correct reservationId.

  GET {{HostName}}/rsv/v1/hotels/{{HotelId}}/reservations?searchType=InHouse&roomId=203

Final charge amount to post against a transaction code

With the OHIP REST API posting operations, it is only possible to post a charge that sends the final amount linked with the revenue transaction code.

This can be a single charge amount or multiple charge amounts to post in a postBillingCharges operation. However, the operation does not contain a total amount (as you might know from legacy integrations, such as FIAS or XML_POS API).

The partner system must know the revenue transaction codes that are defined in OPERA Cloud PMS and link these to the revenue items to be charged by the system.

For phone charges, this means it is not possible to send phone call details such as meter pulses, call duration, and dialled phone numbers to let OPERA calculate the final charge. Also, the OPERA PMS Call Accounting functionality is not supported by OPERA Cloud. Therefore, the partner system that sends a phone charge must calculate the final amount to charge to the reservation.

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For minibar charges, it is mandatory to send the minibar article number, the quantity of the minibar article, the minibar article price, the minibar transaction code, and the reservationId of the guest to whom the minibar charge is posted.

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3 Workflow

Post Simple Charges

Post Simple Charges are charge postings made by the following systems:

- A phone system sending the final amount of a phone charge.
- A system sending charges for minibar article consumption on a guest room either by total amount or by article number.
- A TV or video service system sending charges for a Pay TV channel by total amount.

Post Simple Charges are usually sent with ONE final amount. This is contrary to Post Request charges, which can be used to send multiple sub-amounts, such as a restaurant check containing amounts for food, beverage, or non-food revenue.

Post Simple Charges are usually charges generated by the guest from billable phone calls or from billable TV or Games. Partner systems usually do not verify if a charge can be sent to eligible accounts in OPERA Cloud PMS because it cannot revert the revenue once it has already been created (for example, a phone call was made due to a phone line being open to make billable calls).

To post such charges via OHIP, use the **postBillingCharges** operation.

The following attributes are required for a postBillingCharges call:

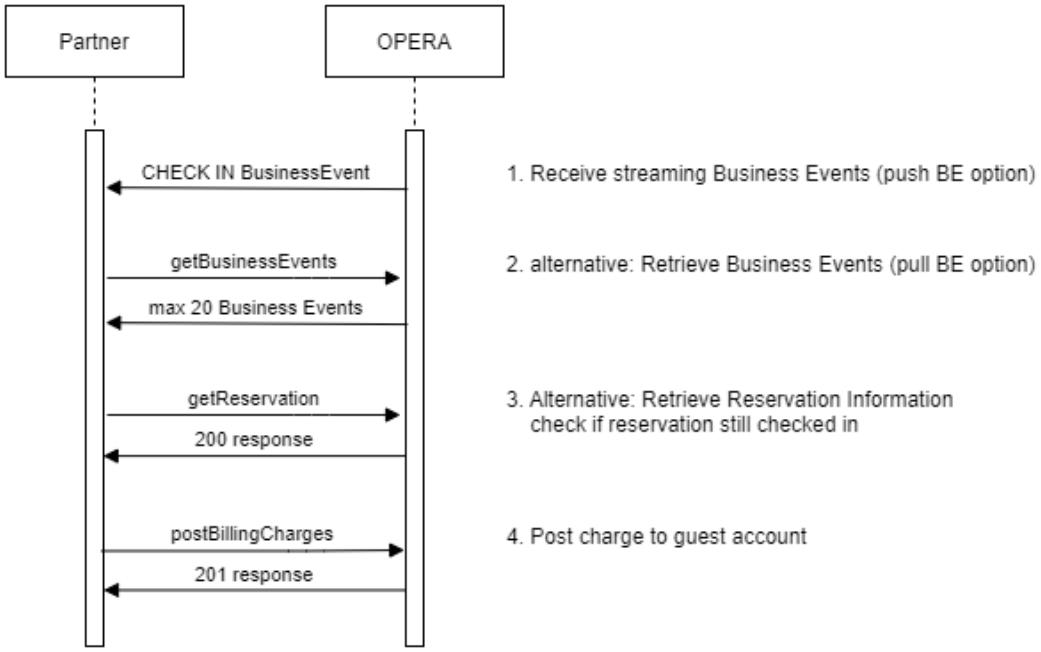
- The **reservationId** of the room to post a charge to.
- The revenue **transactionCode**(s) to post an amount to.
- The final **amount** (price) to post against a revenue transaction code.
- The **cashierId** assigned to the partner application integration user.

Workflow for Posting Phone Charges, Video, Games, or Other Charges

To properly post a phone charge, Video, Games, or other charges to a reservation, use the following suggested workflow:

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Figure 3-1 Sequence Diagram



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Table 3-1 Workflow for Posting Charges

	Description of Steps	Operation

1	**Partner retrieving the notification of reservation checked in.**
	Store the reservationId out of the CHECK IN Business Event
	The reservationId will be in the "primaryKey" field of the BE.
	Ensure that the "primaryKey" element is requested within the Streaming Business Event setup 'subscribe' request.
		Streaming CHECK IN Business Event
		Check In BE via Streaming BE
		
		`{`
		`"id": "1",`
		`"type": "next",`
		`"payload": {`
		`"data": {`
		`"newEvent": {`
		`"metadata": {`
		`"offset": "1099511750874"`
		`},`
		`"moduleName": "RESERVATION",`
		`"eventName": "CHECK IN",`
		`"hotelId": "SAND01CN",`
		`"primaryKey": "158169",`
		`"detail": [`
		`{`
		`"elementName": "NAME",`
		`"oldValue": "LastName",`
		`"newValue": "LastName"`
		`},`
		`{`
		`"elementName": "FIRST NAME",`
		`"oldValue": "FirstName",`
		`"newValue": "FirstName"`
		`},`
		`{`
		`"elementName": "MIDDLE NAME",`
		`"oldValue": "",`
		`"newValue": ""`
		`},`
		`{`
		`"elementName": "CONFIRMATION NO",`
		`"oldValue": "2474840",`
		`"newValue": "2474840"`
		`},`
		`{`
		`"elementName": "CONFIRMATION LEG NO",`
		`"oldValue": "1",`
		`"newValue": "1"`
		`},`
		`{`
		`"elementName": "TRAVEL AGENT NAME",`
		`"oldValue": "",`
		`"newValue": ""`

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Table 3-1 (Cont.) Workflow for Posting Charges

	Description of Steps	Operation
		}, { "elementName": "COMPANY NAME", "oldValue": "", "newValue": "" }, { "elementName": "SOURCE NAME", "oldValue": "", "newValue": "" }, { "elementName": "GROUP NAME", "oldValue": "", "newValue": "" }, { "elementName": "PARTY CODE", "oldValue": "", "newValue": "" }, { "elementName": "TRAVEL AGENT NAME ID", "oldValue": "", "newValue": "" }, { "elementName": "COMPANY NAME ID", "oldValue": "", "newValue": "" }, { "elementName": "SOURCE NAME ID", "oldValue": "", "newValue": "" }, { "elementName": "GROUP NAME ID", "oldValue": "", "newValue": "" }, { "elementName": "GUEST NAME

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Table 3-1 (Cont.) Workflow for Posting Charges

	Description of Steps	Operation
		ID", "oldValue": "859098", "newValue": "859098" }, { "elementName": "RESERVATION STATUS", "oldValue": "CHECKED IN", "newValue": "CHECKED IN" }, { "elementName": "ARRIVAL DATE", "oldValue": "2024-03-21", "newValue": "2024-03-21" }, { "elementName": "ARRIVAL TIME", "oldValue": "23:34:45", "newValue": "23:34:45" }, { "elementName": "LENGTH OF STAY", "oldValue": "1", "newValue": "1" }, { "elementName": "DEPARTURE DATE", "oldValue": "2024-03-22", "newValue": "2024-03-22" }, { "elementName": "ADVANCE CHECKED IN YN", "oldValue": "N", "newValue": "N" }, { "elementName": "EXPECTED TIME OF RETURN", "oldValue": "", "newValue": "" }, { "elementName": "ETR COMMENTS",

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Table 3-1 (Cont.) Workflow for Posting Charges

	Description of Steps	Operation
		"oldValue": "", "newValue": "" }, { "elementName": "OPTED FOR COMM YN", "oldValue": "", "newValue": "" }, { "elementName": "CREDIT LIMIT AUTO PAY ALLOW YN", "oldValue": "", "newValue": "" }, { "elementName": "CHECKOUT TIME", "oldValue": "00:00:00", "newValue": "00:00:00" }, { "elementName": "NUMBER OF ROOMS", "oldValue": "1", "newValue": "1" }, { "elementName": "ROOM TYPE", "oldValue": "SUP", "newValue": "SUP" }, { "elementName": "RTC", "oldValue": "SUP", "newValue": "SUP" }, { "elementName": "ROOM", "oldValue": "403", "newValue": "403" }, { "elementName": "MEMBERSHIP NUMBER", "oldValue": "", "newValue": "" }, {

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Table 3-1 (Cont.) Workflow for Posting Charges

	Description of Steps	Operation
		"elementName": "MEMBERSHIP TYPE", "oldValue": "", "newValue": "" }, { "elementName": "AWARD CODE 1", "oldValue": "", "newValue": "" }, { "elementName": "AWARD VOUCHER 1", "oldValue": "", "newValue": "" }, { "elementName": "GP_ELIGIBILITY", "oldValue": "", "newValue": "" }, { "elementName": "ADULTS", "oldValue": "1", "newValue": "1" }, { "elementName": "CHILDREN", "oldValue": "1", "newValue": "1" }, { "elementName": "CURRENCY CODE", "oldValue": "USD", "newValue": "USD" }, { "elementName": "MARKET CODE", "oldValue": "BUSINESS", "newValue": "BUSINESS" }, { "elementName": "RATE AMOUNT", "oldValue": "200",

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Table 3-1 (Cont.) Workflow for Posting Charges

	Description of Steps	Operation
		"newValue": "200" }, { "elementName": "RATE CODE", "oldValue": "USRATE", "newValue": "USRATE" }, { "elementName": "SOURCE CODE", "oldValue": "SAND01CN", "newValue": "SAND01CN" }, { "elementName": "CONNECTING YN", "oldValue": "N", "newValue": "N" }, { "elementName": "FIXED RATE", "oldValue": "N", "newValue": "N" }, { "elementName": "PRINT RATE YN", "oldValue": "Y", "newValue": "Y" }, { "elementName": "BLOCK CODE", "oldValue": "", "newValue": "" }, { "elementName": "RESERVATION TYPE", "oldValue": "CHECKED IN", "newValue": "CHECKED IN" }, { "elementName": "ORIGIN", "oldValue": "", "newValue": "" }, { "elementName": "EXT SEG NO", "oldValue": "",

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Table 3-1 (Cont.) Workflow for Posting Charges

	Description of Steps	Operation
		"newValue": "" }, { "elementName": "SHARE YN", "oldValue": "N", "newValue": "N" }, { "elementName": "PAYMENT METHOD", "oldValue": "CA", "newValue": "CA" }, { "elementName": "PAYMENT METHOD DESC", "oldValue": "Cash", "newValue": "Cash" }, { "elementName": "CREDIT CARD NUMBER", "oldValue": "", "newValue": "" }, { "elementName": "CREDIT CARD EXPIRATION DATE", "oldValue": "", "newValue": "" }, { "elementName": "AUTHORIZER", "oldValue": "", "newValue": "" }, { "elementName": "EXTERNAL USER ID", "oldValue": "", "newValue": "" }, { "elementName": "CREDIT CARD TYPE", "oldValue": "", "newValue": "" }, {

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Table 3-1 (Cont.) Workflow for Posting Charges

	Description of Steps	Operation
		"elementName": "DISCOUNT AMOUNT", "oldValue": "", "newValue": "" }, { "elementName": "DISCOUNT PERCENT", "oldValue": "", "newValue": "" }, { "elementName": "DISCOUNT REASON", "oldValue": "", "newValue": "" }, { "elementName": "SPECIAL REQUEST", "oldValue": "", "newValue": "" }, { "elementName": "ROOM FEATURES", "oldValue": "", "newValue": "" }, { "elementName": "PRODUCTS", "oldValue": "", "newValue": "" }, { "elementName": "PROMOTIONS", "oldValue": "", "newValue": "" }, { "elementName": "NO POST", "oldValue": "N", "newValue": "N" }, { "elementName": "VIDEO CHECKOUT", "oldValue": "N", "newValue": "N"

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Table 3-1 (Cont.) Workflow for Posting Charges

	Description of Steps	Operation

		<pre>},
		{
		"elementName": "AUTHORIZE DIRECT BILL",
		"oldValue": "N",
		"newValue": "N"
		},
		{
		"elementName": "YIELD MARKET TYPE",
		"oldValue": "",
		"newValue": ""
		},
		{
		"elementName": "TAX TYPE",
		"oldValue": "",
		"newValue": ""
		},
		{
		"elementName": "ARRIVAL TRANSPORT TYPE",
		"oldValue": "",
		"newValue": ""
		},
		{
		"elementName": "ARRIVAL STATION CODE",
		"oldValue": "",
		"newValue": ""
		},
		{
		"elementName": "ARRIVAL CARRIER CODE",
		"oldValue": "",
		"newValue": ""
		},
		{
		"elementName": "ARRIVAL TRANSPORT CODE",
		"oldValue": "",
		"newValue": ""
		},
		{
		"elementName": "ARRIVAL DATETIME",
		"oldValue": "",
		"newValue": ""
		},
		{</pre>

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Table 3-1 (Cont.) Workflow for Posting Charges

	Description of Steps	Operation
		"elementName": "ARRIVAL TRANSPORT TIME", "oldValue": "", "newValue": "" }, { "elementName": "ARRIVAL ESTIMATE TIME", "oldValue": "", "newValue": "" }, { "elementName": "ARRIVAL TRANSPORTATION", "oldValue": "", "newValue": "" }, { "elementName": "ARRIVAL COMMENTS", "oldValue": "", "newValue": "" }, { "elementName": "DEPARTURE TRANSPORT TYPE", "oldValue": "", "newValue": "" }, { "elementName": "DEPARTURE STATION CODE", "oldValue": "", "newValue": "" }, { "elementName": "DEPARTURE CARRIER CODE", "oldValue": "", "newValue": "" }, { "elementName": "DEPARTURE TRANSPORT CODE", "oldValue": "", "newValue": "" }, { "elementName": "DEPARTURE

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Table 3-1 (Cont.) Workflow for Posting Charges

	Description of Steps	Operation
		DATETIME", "oldValue": "", "newValue": "" }, { "elementName": "DEPARTURE TRANSPORT TIME", "oldValue": "", "newValue": "" }, { "elementName": "DEPARTURE ESTIMATE TIME", "oldValue": "", "newValue": "" }, { "elementName": "DEPARTURE TRANSPORTATION", "oldValue": "", "newValue": "" }, { "elementName": "DEPARTURE COMMENTS", "oldValue": "", "newValue": "" }, { "elementName": "COMMISSION PAID TO", "oldValue": "0", "newValue": "0" }, { "elementName": "COMMISSION PAYOUT TO", "oldValue": "N", "newValue": "N" }, { "elementName": "TA RECORD LOCATOR", "oldValue": "", "newValue": "" }, { "elementName": "HURDLE RATE",

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Table 3-1 (Cont.) Workflow for Posting Charges

	Description of Steps	Operation
		"oldValue": "", "newValue": "" }, { "elementName": "RATEABLE VALUE", "oldValue": "", "newValue": "" }, { "elementName": "RESTRICTION OVERRIDE", "oldValue": "", "newValue": "" }, { "elementName": "HURDLE OVERRIDE", "oldValue": "", "newValue": "" }, { "elementName": "YIELD STATUS", "oldValue": "N", "newValue": "N" }, { "elementName": "SPG UPGRADE REASON CODE", "oldValue": "N", "newValue": "N" }, { "elementName": "SPG DISCLOSE ROOM TYPE YN", "oldValue": "N", "newValue": "N" }, { "elementName": "APP USER", "oldValue": "3976", "newValue": "3976" }, { "elementName": "EXTERNAL EFOLIO YN", "oldValue": "", "newValue": ""

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Table 3-1 (Cont.) Workflow for Posting Charges

	Description of Steps	Operation

		<pre>},
		{
		"elementName": "FOLIO OPT IN",
		"oldValue": "",
		"newValue": ""
		},
		{
		"elementName": "CHILDREN 1",
		"oldValue": "0",
		"newValue": "0"
		},
		{
		"elementName": "CHILDREN 2",
		"oldValue": "1",
		"newValue": "1"
		},
		{
		"elementName": "CHILDREN 3",
		"oldValue": "0",
		"newValue": "0"
		},
		{
		"elementName": "CONFIRMATION LETTER YN",
		"oldValue": "",
		"newValue": ""
		},
		{
		"elementName": "WAITLIST PRIORITY",
		"oldValue": "",
		"newValue": ""
		},
		{
		"elementName": "WAITLIST REASON CODE",
		"oldValue": "",
		"newValue": ""
		},
		{
		"elementName": "WAITLIST REASON DESCRIPTION",
		"oldValue": "",
		"newValue": ""
		},
		{
		"elementName": "INSERT DATE",</pre>

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Table 3-1 (Cont.) Workflow for Posting Charges

	Description of Steps	Operation
		"oldValue": "2024-03-20T22:39:54", "newValue": "2024-03-20T22:39:54" }, { "elementName": "UPDATE DATE", "oldValue": "2024-03-20T23:34:45", "newValue": "2024-03-20T23:34:45" }, { "elementName": "UPDATE USER", "oldValue": "3976", "newValue": "3976" }, { "elementName": "FOLIO FLAG", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 01", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 02", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 03", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 04", "oldValue": "", "newValue": "" }, {

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Table 3-1 (Cont.) Workflow for Posting Charges

	Description of Steps	Operation
		"elementName": "UDF CHAR 05", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 06", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 07", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 08", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 09", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 10", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 11", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 12", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR

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Table 3-1 (Cont.) Workflow for Posting Charges

	Description of Steps	Operation
		13", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 14", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 15", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 16", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 17", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 18", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 19", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 20", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 21",

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Table 3-1 (Cont.) Workflow for Posting Charges

	Description of Steps	Operation
		"oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 22", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 23", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 24", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 25", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 26", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 27", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 28", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 29", "oldValue": "",

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Table 3-1 (Cont.) Workflow for Posting Charges

	Description of Steps	Operation
		"newValue": "" }, { "elementName": "UDF CHAR 30", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 31", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 32", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 33", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 34", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 35", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 36", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 37", "oldValue": "", "newValue": ""

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Table 3-1 (Cont.) Workflow for Posting Charges

	Description of Steps	Operation
		}, { "elementName": "UDF CHAR 38", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 39", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 40", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 01", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 02", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 03", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 04", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 05", "oldValue": "", "newValue": "" },

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Table 3-1 (Cont.) Workflow for Posting Charges

	Description of Steps	Operation

		<pre>{
		"elementName": "UDF NUMBER 06",
		"oldValue": "",
		"newValue": ""
		},
		{
		"elementName": "UDF NUMBER 07",
		"oldValue": "",
		"newValue": ""
		},
		{
		"elementName": "UDF NUMBER 08",
		"oldValue": "",
		"newValue": ""
		},
		{
		"elementName": "UDF NUMBER 09",
		"oldValue": "",
		"newValue": ""
		},
		{
		"elementName": "UDF NUMBER 10",
		"oldValue": "",
		"newValue": ""
		},
		{
		"elementName": "UDF NUMBER 11",
		"oldValue": "",
		"newValue": ""
		},
		{
		"elementName": "UDF NUMBER 12",
		"oldValue": "",
		"newValue": ""
		},
		{
		"elementName": "UDF NUMBER 13",
		"oldValue": "",
		"newValue": ""
		},
		{</pre>

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Table 3-1 (Cont.) Workflow for Posting Charges

	Description of Steps	Operation
		"elementName": "UDF NUMBER 14", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 15", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 16", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 17", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 18", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 19", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 20", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 21", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER

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Table 3-1 (Cont.) Workflow for Posting Charges

	Description of Steps	Operation
		22", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 23", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 24", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 25", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 26", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 27", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 28", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 29", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 30",

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Table 3-1 (Cont.) Workflow for Posting Charges

	Description of Steps	Operation
		"oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 31", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 32", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 33", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 34", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 35", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 36", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 37", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 38", "oldValue": "",

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Table 3-1 (Cont.) Workflow for Posting Charges

	Description of Steps	Operation
		"newValue": "" }, { "elementName": "UDF NUMBER 39", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 40", "oldValue": "", "newValue": "" }, { "elementName": "UDF DATE 01", "oldValue": "", "newValue": "" }, { "elementName": "UDF DATE 02", "oldValue": "", "newValue": "" }, { "elementName": "UDF DATE 03", "oldValue": "", "newValue": "" }, { "elementName": "UDF DATE 04", "oldValue": "", "newValue": "" }, { "elementName": "UDF DATE 05", "oldValue": "", "newValue": "" }, { "elementName": "UDF DATE 06", "oldValue": "", "newValue": ""

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Table 3-1 (Cont.) Workflow for Posting Charges

	Description of Steps	Operation
		}, { "elementName": "UDF DATE 07", "oldValue": "", "newValue": "" }, { "elementName": "UDF DATE 08", "oldValue": "", "newValue": "" }, { "elementName": "UDF DATE 09", "oldValue": "", "newValue": "" }, { "elementName": "UDF DATE 10", "oldValue": "", "newValue": "" }, { "elementName": "UDF DATE 11", "oldValue": "", "newValue": "" }, { "elementName": "UDF DATE 12", "oldValue": "", "newValue": "" }, { "elementName": "UDF DATE 13", "oldValue": "", "newValue": "" }, { "elementName": "UDF DATE 14", "oldValue": "", "newValue": "" },

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Table 3-1 (Cont.) Workflow for Posting Charges

	Description of Steps	Operation

		<pre>{
		"elementName": "UDF DATE 15",
		"oldValue": "",
		"newValue": ""
		},
		{
		"elementName": "UDF DATE 16",
		"oldValue": "",
		"newValue": ""
		},
		{
		"elementName": "UDF DATE 17",
		"oldValue": "",
		"newValue": ""
		},
		{
		"elementName": "UDF DATE 18",
		"oldValue": "",
		"newValue": ""
		},
		{
		"elementName": "UDF DATE 19",
		"oldValue": "",
		"newValue": ""
		},
		{
		"elementName": "UDF DATE 20",
		"oldValue": "",
		"newValue": ""
		},
		{
		"elementName": "PARENT RESV NAME ID",
		"oldValue": "",
		"newValue": ""
		},
		{
		"elementName": "SPLIT YN",
		"oldValue": "",
		"newValue": "N"
		},
		{
		"elementName": "WALK IN",</pre>

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Table 3-1 (Cont.) Workflow for Posting Charges

	Description of Steps	Operation
		"oldValue": "", "newValue": "N" }, { "elementName": "VIP STATUS", "oldValue": "", "newValue": "" }, { "elementName": "LANGUAGE", "oldValue": "fr", "newValue": "fr" }, { "elementName": "TITLE", "oldValue": "", "newValue": "" }, { "elementName": "GUEST MESSAGE YN", "oldValue": "N", "newValue": "N" }, { "elementName": "COMP TYPE", "oldValue": "", "newValue": "" }, { "elementName": "CREDIT CARD VAULT ID", "oldValue": "", "newValue": "" }, { "elementName": "CREDIT CARD NUMBER 4 DIGITS", "oldValue": "", "newValue": "" }, { "elementName": "BASE RATE CODE", "oldValue": "", "newValue": "" }, { "elementName": "LOCAL BASE

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Table 3-1 (Cont.) Workflow for Posting Charges

	Description of Steps	Operation

		RATE AMOUNT",
		"oldValue": "",
		"newValue": ""
		},
		{
		"elementName": "BASE RATE CURRENCY CODE",
		"oldValue": "",
		"newValue": ""
		},
		{
		"elementName": "TURNDOWN DATE",
		"oldValue": "",
		"newValue": ""
		},
		{
		"elementName": "TURNDOWN STATUS",
		"oldValue": "NR",
		"newValue": "NR"
		}
		]
		}
		}
		}
		}

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Table 3-1 (Cont.) Workflow for Posting Charges

	Description of Steps	Operation

2	**Alternatively, retrieve Business Events to receive notification of reservation/room checked in.**
	Store the reservationId out of the CHECK IN Business Event.
	The "reservationId" will be in the "primaryKey" field of the BE.
		getBusinessEvents
		CHECK IN Business Event
		
		`GET {{HostName}}/VAB_ENT1/operarest/{{SchemaName}}/int/v1/externalSystem/{{ExternalSystemCode}}/hotels/{{HotelId}}/businessEvents?limit=1`
		
		`200 Response`
		
		`{ "businessEventData": [{ "businessEvent": { "header": { "moduleName": "Reservation", "actionType": "CHECK IN", "actionId": 6258146, "primaryKey": "2130534", "publisherId": 130509, "createdDateTime": "2024-02-19 14:56:35.0", "hotelId": "MBOESEL" }, "details": [{ "dataElement": "NAME", "oldValue": "Guest", "newValue": "Guest" }, { "dataElement": "FIRST NAME", "oldValue": "Test", "newValue": "Test" }, { "dataElement": "MIDDLE NAME" }, { "dataElement": "CONFIRMATION NO", "oldValue": "3588260", "newValue": "3588260" }, { "dataElement": "CONFIRMATION LEG NO", "oldValue": "1", "newValue": "1"`

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Table 3-1 (Cont.) Workflow for Posting Charges

	Description of Steps	Operation

		<pre>},
		{
		"dataElement": "TRAVEL AGENT NAME"
		},
		{
		"dataElement": "COMPANY NAME"
		},
		{
		"dataElement": "SOURCE NAME"
		},
		{
		"dataElement": "GROUP NAME"
		},
		{
		"dataElement": "PARTY CODE"
		},
		{
		"dataElement": "TRAVEL AGENT NAME ID"
		},
		{
		"dataElement": "COMPANY NAME ID"
		},
		{
		"dataElement": "SOURCE NAME ID"
		},
		{
		"dataElement": "GROUP NAME ID"
		},
		{
		"dataElement": "GUEST NAME ID",
		"oldValue": "3526607",
		"newValue": "3526607"
		},
		{
		"dataElement": "RESERVATION STATUS",
		"oldValue": "CHECKED IN",
		"newValue": "CHECKED IN"
		},
		{
		"dataElement": "ARRIVAL DATE",</pre>

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Table 3-1 (Cont.) Workflow for Posting Charges

	Description of Steps	Operation
		"oldValue": "2020-08-31", "newValue": "2020-08-31" }, { "dataElement": "ARRIVAL TIME", "oldValue": "14:56:28", "newValue": "14:56:28" }, { "dataElement": "LENGTH OF STAY", "oldValue": "1", "newValue": "1" }, { "dataElement": "DEPARTURE DATE", "oldValue": "2020-09-01", "newValue": "2020-09-01" }, { "dataElement": "ADVANCE CHECKED IN YN", "oldValue": "N", "newValue": "N" }, { "dataElement": "EXPECTED TIME OF RETURN" }, { "dataElement": "ETR COMMENTS" }, { "dataElement": "OPTED FOR COMM YN" }, { "dataElement": "CREDIT LIMIT AUTO PAY ALLOW YN" }, { "dataElement": "CHECKOUT TIME", "oldValue": "00:00:00", "newValue": "00:00:00" },

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Table 3-1 (Cont.) Workflow for Posting Charges

	Description of Steps	Operation

		<pre>{
		"dataElement": "NUMBER OF ROOMS",
		"oldValue": "1",
		"newValue": "1"
		},
		{
		"dataElement": "ROOM TYPE",
		"oldValue": "CLASSIC",
		"newValue": "CLASSIC"
		},
		{
		"dataElement": "RTC",
		"oldValue": "CLASSIC",
		"newValue": "CLASSIC"
		},
		{
		"dataElement": "ROOM",
		"oldValue": "103",
		"newValue": "103"
		},
		{
		"dataElement": "MEMBERSHIP NUMBER"
		},
		{
		"dataElement": "MEMBERSHIP TYPE"
		},
		{
		"dataElement": "AWARD CODE 1",
		"scopeFrom": "2020-08-31",
		"scopeTo": "2020-09-01"
		},
		{
		"dataElement": "AWARD VOUCHER 1",
		"scopeFrom": "2020-08-31",
		"scopeTo": "2020-09-01"
		},
		{
		"dataElement": "GP_ELIGIBILITY",
		"scopeFrom": "2020-08-31",
		"scopeTo": "2020-09-01"
		},
		{
		"dataElement": "ADULTS",</pre>

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Table 3-1 (Cont.) Workflow for Posting Charges

	Description of Steps	Operation
		"oldValue": "1", "newValue": "1", "scopeFrom": "2020-08-31", "scopeTo": "2020-09-01" }, { "dataElement": "CHILDREN", "oldValue": "0", "newValue": "0", "scopeFrom": "2020-08-31", "scopeTo": "2020-09-01" }, { "dataElement": "CURRENCY CODE", "oldValue": "USD", "newValue": "USD", "scopeFrom": "2020-08-31", "scopeTo": "2020-09-01" }, { "dataElement": "MARKET CODE", "oldValue": "G", "newValue": "G", "scopeFrom": "2020-08-31", "scopeTo": "2020-09-01" }, { "dataElement": "RATE AMOUNT", "oldValue": "100", "newValue": "100", "scopeFrom": "2020-08-31", "scopeTo": "2020-09-01" }, { "dataElement": "RATE CODE", "oldValue": "1MBOE", "newValue": "1MBOE", "scopeFrom": "2020-08-31", "scopeTo": "2020-09-01" }, { "dataElement": "SOURCE CODE", "oldValue": "REF", "newValue": "REF", "scopeFrom": "2020-08-31",

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Table 3-1 (Cont.) Workflow for Posting Charges

	Description of Steps	Operation
		"scopeTo": "2020-09-01" }, { "dataElement": "CONNECTING YN", "oldValue": "N", "newValue": "N" }, { "dataElement": "FIXED RATE", "oldValue": "Y", "newValue": "Y" }, { "dataElement": "PRINT RATE YN", "oldValue": "Y", "newValue": "Y" }, { "dataElement": "BLOCK CODE" }, { "dataElement": "RESERVATION TYPE", "oldValue": "CHECKED IN", "newValue": "CHECKED IN" }, { "dataElement": "ORIGIN" }, { "dataElement": "EXT SEG NO" }, { "dataElement": "SHARE YN", "oldValue": "N", "newValue": "N" }, { "dataElement": "PAYMENT METHOD", "oldValue": "CA", "newValue": "CA" }, { "dataElement": "PAYMENT METHOD DESC", "oldValue": "Cash",

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Table 3-1 (Cont.) Workflow for Posting Charges

	Description of Steps	Operation
		"newValue": "Cash" }, { "dataElement": "CREDIT CARD NUMBER" }, { "dataElement": "CREDIT CARD EXPIRATION DATE" }, { "dataElement": "AUTHORIZER" }, { "dataElement": "EXTERNAL USER ID" }, { "dataElement": "CREDIT CARD TYPE" }, { "dataElement": "DISCOUNT AMOUNT" }, { "dataElement": "DISCOUNT PERCENT" }, { "dataElement": "DISCOUNT REASON" }, { "dataElement": "SPECIAL REQUEST" }, { "dataElement": "ROOM FEATURES" }, { "dataElement": "PRODUCTS" }, { "dataElement": "PROMOTIONS" }, { "dataElement": "NO POST",

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Table 3-1 (Cont.) Workflow for Posting Charges

	Description of Steps	Operation
		"oldValue": "N", "newValue": "N" }, { "dataElement": "VIDEO CHECKOUT", "oldValue": "N", "newValue": "N" }, { "dataElement": "AUTHORIZE DIRECT BILL", "oldValue": "N", "newValue": "N" }, { "dataElement": "YIELD MARKET TYPE" }, { "dataElement": "TAX TYPE" }, { "dataElement": "ARRIVAL TRANSPORT TYPE" }, { "dataElement": "ARRIVAL STATION CODE" }, { "dataElement": "ARRIVAL CARRIER CODE" }, { "dataElement": "ARRIVAL TRANSPORT CODE" }, { "dataElement": "ARRIVAL DATETIME" }, { "dataElement": "ARRIVAL TRANSPORT TIME" }, { "dataElement": "ARRIVAL ESTIMATE TIME"

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Table 3-1 (Cont.) Workflow for Posting Charges

	Description of Steps	Operation

		<pre>},
		{
		"dataElement": "ARRIVAL TRANSPORTATION",
		"oldValue": "N",
		"newValue": "N"
		},
		{
		"dataElement": "ARRIVAL COMMENTS"
		},
		{
		"dataElement": "DEPARTURE TRANSPORT TYPE"
		},
		{
		"dataElement": "DEPARTURE STATION CODE"
		},
		{
		"dataElement": "DEPARTURE CARRIER CODE"
		},
		{
		"dataElement": "DEPARTURE TRANSPORT CODE"
		},
		{
		"dataElement": "DEPARTURE DATETIME"
		},
		{
		"dataElement": "DEPARTURE TRANSPORT TIME"
		},
		{
		"dataElement": "DEPARTURE ESTIMATE TIME"
		},
		{
		"dataElement": "DEPARTURE TRANSPORTATION",
		"oldValue": "N",
		"newValue": "N"
		},
		{
		"dataElement": "DEPARTURE COMMENTS"
		},</pre>

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Table 3-1 (Cont.) Workflow for Posting Charges

	Description of Steps	Operation

		<pre>{
		"dataElement": "COMMISSION PAID TO",
		"oldValue": "0",
		"newValue": "0"
		},
		{
		"dataElement": "COMMISSION PAYOUT TO",
		"oldValue": "N",
		"newValue": "N"
		},
		{
		"dataElement": "TA RECORD LOCATOR"
		},
		{
		"dataElement": "HURDLE RATE"
		},
		{
		"dataElement": "RATEABLE VALUE"
		},
		{
		"dataElement": "RESTRICTION OVERRIDE"
		},
		{
		"dataElement": "HURDLE OVERRIDE"
		},
		{
		"dataElement": "YIELD STATUS",
		"oldValue": "N",
		"newValue": "N"
		},
		{
		"dataElement": "SPG UPGRADE REASON CODE",
		"oldValue": "N",
		"newValue": "N"
		},
		{
		"dataElement": "SPG DISCLOSE ROOM TYPE YN",
		"oldValue": "N",
		"newValue": "N"
		},</pre>

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Table 3-1 (Cont.) Workflow for Posting Charges

	Description of Steps	Operation
		{ "dataElement": "APP USER", "oldValue": "130509", "newValue": "130509" }, { "dataElement": "EXTERNAL EFOLIO YN" }, { "dataElement": "FOLIO OPT IN" }, { "dataElement": "CHILDREN 1", "oldValue": "0", "newValue": "0" }, { "dataElement": "CHILDREN 2", "oldValue": "0", "newValue": "0" }, { "dataElement": "CHILDREN 3", "oldValue": "0", "newValue": "0" }, { "dataElement": "CONFIRMATION LETTER YN" }, { "dataElement": "WAITLIST PRIORITY" }, { "dataElement": "WAITLIST REASON CODE" }, { "dataElement": "WAITLIST REASON DESCRIPTION" }, { "dataElement": "INSERT DATE", "oldValue": "2024-02-19T14:53:00",

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Table 3-1 (Cont.) Workflow for Posting Charges

	Description of Steps	Operation

		<pre>"newValue":
		"2024-02-19T14:53:00"
		},
		{
		"dataElement": "UPDATE
		DATE",
		"oldValue":
		"2024-02-19T14:56:32",
		"newValue":
		"2024-02-19T14:56:32"
		},
		{
		"dataElement": "UPDATE
		USER",
		"oldValue": "130509",
		"newValue": "130509"
		},
		{
		"dataElement": "FOLIO FLAG"
		},
		{
		"dataElement": "UDF CHAR 01"
		},
		{
		"dataElement": "UDF CHAR 02"
		},
		{
		"dataElement": "UDF CHAR 03"
		},
		{
		"dataElement": "UDF CHAR 04"
		},
		{
		"dataElement": "UDF CHAR 05"
		},
		{
		"dataElement": "UDF CHAR 06"
		},
		{
		"dataElement": "UDF CHAR 07"
		},
		{
		"dataElement": "UDF CHAR 08"
		},
		{
		"dataElement": "UDF CHAR 09"
		},
		{
		"dataElement": "UDF CHAR 10"</pre>

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Table 3-1 (Cont.) Workflow for Posting Charges

	Description of Steps	Operation
		}, { "dataElement": "UDF CHAR 11" }, { "dataElement": "UDF CHAR 12" }, { "dataElement": "UDF CHAR 13" }, { "dataElement": "UDF CHAR 14" }, { "dataElement": "UDF CHAR 15" }, { "dataElement": "UDF CHAR 16" }, { "dataElement": "UDF CHAR 17" }, { "dataElement": "UDF CHAR 18" }, { "dataElement": "UDF CHAR 19" }, { "dataElement": "UDF CHAR 20" }, { "dataElement": "UDF CHAR 21" }, { "dataElement": "UDF CHAR 22" }, { "dataElement": "UDF CHAR 23" }, { "dataElement": "UDF CHAR 24" }, { "dataElement": "UDF CHAR 25" }, { "dataElement": "UDF CHAR 26" },

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Table 3-1 (Cont.) Workflow for Posting Charges

	Description of Steps	Operation
		{ "dataElement": "UDF CHAR 27" }, { "dataElement": "UDF CHAR 28" }, { "dataElement": "UDF CHAR 29" }, { "dataElement": "UDF CHAR 30" }, { "dataElement": "UDF CHAR 31" }, { "dataElement": "UDF CHAR 32" }, { "dataElement": "UDF CHAR 33" }, { "dataElement": "UDF CHAR 34" }, { "dataElement": "UDF CHAR 35" }, { "dataElement": "UDF CHAR 36" }, { "dataElement": "UDF CHAR 37" }, { "dataElement": "UDF CHAR 38" }, { "dataElement": "UDF CHAR 39" }, { "dataElement": "UDF CHAR 40" }, { "dataElement": "UDF NUMBER 01" }, { "dataElement": "UDF NUMBER 02"

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Table 3-1 (Cont.) Workflow for Posting Charges

	Description of Steps	Operation
		}, { "dataElement": "UDF NUMBER 03" }, { "dataElement": "UDF NUMBER 04" }, { "dataElement": "UDF NUMBER 05" }, { "dataElement": "UDF NUMBER 06" }, { "dataElement": "UDF NUMBER 07" }, { "dataElement": "UDF NUMBER 08" }, { "dataElement": "UDF NUMBER 09" }, { "dataElement": "UDF NUMBER 10" }, { "dataElement": "UDF NUMBER 11" }, { "dataElement": "UDF NUMBER 12" }, { "dataElement": "UDF NUMBER 13" }, { "dataElement": "UDF NUMBER 14" },

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Table 3-1 (Cont.) Workflow for Posting Charges

	Description of Steps	Operation
		{ "dataElement": "UDF NUMBER 15" }, { "dataElement": "UDF NUMBER 16" }, { "dataElement": "UDF NUMBER 17" }, { "dataElement": "UDF NUMBER 18" }, { "dataElement": "UDF NUMBER 19" }, { "dataElement": "UDF NUMBER 20" }, { "dataElement": "UDF NUMBER 21" }, { "dataElement": "UDF NUMBER 22" }, { "dataElement": "UDF NUMBER 23" }, { "dataElement": "UDF NUMBER 24" }, { "dataElement": "UDF NUMBER 25" }, { "dataElement": "UDF NUMBER 26" }, {

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Table 3-1 (Cont.) Workflow for Posting Charges

	Description of Steps	Operation
		"dataElement": "UDF NUMBER 27" }, { "dataElement": "UDF NUMBER 28" }, { "dataElement": "UDF NUMBER 29" }, { "dataElement": "UDF NUMBER 30" }, { "dataElement": "UDF NUMBER 31" }, { "dataElement": "UDF NUMBER 32" }, { "dataElement": "UDF NUMBER 33" }, { "dataElement": "UDF NUMBER 34" }, { "dataElement": "UDF NUMBER 35" }, { "dataElement": "UDF NUMBER 36" }, { "dataElement": "UDF NUMBER 37" }, { "dataElement": "UDF NUMBER 38" }, { "dataElement": "UDF NUMBER

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Table 3-1 (Cont.) Workflow for Posting Charges

	Description of Steps	Operation
		39" }, { "dataElement": "UDF NUMBER 40" }, { "dataElement": "UDF DATE 01" }, { "dataElement": "UDF DATE 02" }, { "dataElement": "UDF DATE 03" }, { "dataElement": "UDF DATE 04" }, { "dataElement": "UDF DATE 05" }, { "dataElement": "UDF DATE 06" }, { "dataElement": "UDF DATE 07" }, { "dataElement": "UDF DATE 08" }, { "dataElement": "UDF DATE 09" }, { "dataElement": "UDF DATE 10" }, { "dataElement": "UDF DATE 11" }, { "dataElement": "UDF DATE 12" }, { "dataElement": "UDF DATE 13" }, { "dataElement": "UDF DATE 14" }, {

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Table 3-1 (Cont.) Workflow for Posting Charges

	Description of Steps	Operation
		"dataElement": "UDF DATE 15" }, { "dataElement": "UDF DATE 16" }, { "dataElement": "UDF DATE 17" }, { "dataElement": "UDF DATE 18" }, { "dataElement": "UDF DATE 19" }, { "dataElement": "UDF DATE 20" }, { "dataElement": "PARENT RESV NAME ID" }, { "dataElement": "SPLIT YN", "newValue": "N" }, { "dataElement": "WALK IN", "newValue": "N" }, { "dataElement": "VIP STATUS" }, { "dataElement": "LANGUAGE", "oldValue": "E", "newValue": "E" }, { "dataElement": "TITLE", "oldValue": "MR", "newValue": "MR" }, { "dataElement": "GUEST MESSAGE YN", "oldValue": "N", "newValue": "N" }, {

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Table 3-1 (Cont.) Workflow for Posting Charges

	Description of Steps	Operation

		<pre>"dataElement": "COMP TYPE"
		},
		{
		"dataElement": "CREDIT CARD VAULT ID"
		},
		{
		"dataElement": "CREDIT CARD NUMBER 4 DIGITS"
		},
		{
		"dataElement": "BASE RATE CODE"
		},
		{
		"dataElement": "LOCAL BASE RATE AMOUNT"
		},
		{
		"dataElement": "BASE RATE CURRENCY CODE"
		},
		{
		"dataElement": "TURNDOWN DATE"
		},
		{
		"dataElement": "TURNDOWN STATUS",
		"oldValue": "NR",
		"newValue": "NR"
		}
		]
		},
		"businessEventId": {
		"id": "6258146"
		}
		}
		]
		}</pre>

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Table 3-1 (Cont.) Workflow for Posting Charges

	Description of Steps	Operation

3	**Alternatively, retrieve reservation information by RoomId.**
	The getReservation query provides all necessary reservation information needed to perform post charges operations, such as the reservationId, the roomId, the guest name, and reservation status at the time of query.
		getReservation
		getReservations by RoomId
		
		`GET {{HostName}}/rsv/v1/hotels/{{HotelId}}/reservations?searchType=InHouse&roomId=203`
		
		`200 Response:`
		
		`{ "reservations": { "reservationInfo": [{ "reservationIdList": [{ "id": "147763", "type": "Reservation" }, { "id": "2256244", "type": "Confirmation" }], "roomStay": { "arrivalDate": "2024-01-08", "departureDate": "2024-01-11", "originalTimeSpan": { "startDate": "2024-01-08", "endDate": "2024-01-11" }, "expectedTimes": { "reservationExpectedArrivalTime": "2024-01-08 05:06:47.0", "reservationExpectedDepartureTime": "2024-01-11" }, "adultCount": 2, "childCount": 0, "roomClass": "STD", "roomType": "DBL", "numberOfRooms": 1, "roomId": "203", "roomOwnershipType": "Regular", "ratePlanCode": "USRATE", "rateAmount": { "amount": 250, "currencyCode": "USD" },`

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Table 3-1 (Cont.) Workflow for Posting Charges

	Description of Steps	Operation

		<pre>"rateSuppressed": false,
		"bookingChannelCode": "PMS",
		"fixedRate": false,
		"guarantee": {
		"guaranteeCode": "CHECKED IN",
		"shortDescription": "Checked In"
		},
		"balance": {
		"amount": 0,
		"currencyCode": "USD"
		},
		"roomTypeCharged": "DBL",
		"roomNumberLocked": false,
		"pseudoRoom": false
		},
		"reservationGuest": {
		"givenName": "Jignesh",
		"surname": "Jain",
		"language": "EN",
		"vip": {},
		"address": {
		"country": {
		"code": "US"
		}
		},
		"anonymization": {},
		"accompanyGuests": [],
		"guestRestricted": false,
		"nameType": "Guest",
		"id": "842813",
		"type": "Profile"
		},
		"sharedGuests": [],
		"attachedProfiles": [],
		"reservationPaymentMethod": {
		"paymentMethod": "CA"
		},
		"reservationFolioWindows": [],
		"commissionsInfo": {
		"commissionsPaid": false
		},
		"reservationIndicators": [
		{
		"indicatorName": "NOPOST"
		},
		{
		"indicatorName":</pre>

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Table 3-1 (Cont.) Workflow for Posting Charges

	Description of Steps	Operation

		"DEPOSITCANCELLATION",
		"count": 1
		},
		{
		"indicatorName":
		"HISTORYFUTURE",
		"count": 1
		},
		{
		"indicatorName":
		"COMMUNICATION",
		"count": 2
		},
		{
		"indicatorName":
		"ASSOCIATEDPROFILES",
		"count": 1
		}
		],
		"roomStatus": "Inspected",
		"sourceOfSale": {
		"sourceType": "PMS",
		"sourceCode": "SAND01CN"
		},
		"waitlist": {},
		"advanceCheckIn": {
		"advanceCheckedIn": false
		},
		"hotelId": "SAND01CN",
		"hotelName": "OHIP Sandbox 1",
		"roomStayReservation": true,
		"createDateTime": "2024-01-08
		05:04:54.0",
		"lastModifyDateTime": "2024-01-08
		05:06:47.0",
		"reservationStatus": "InHouse",
		"computedReservationStatus":
		"InHouse",
		"walkInIndicator": false,
		"commissionPayoutTo": "None",
		"paymentMethod": "CA",
		"preRegistered": false,
		"openFolio": false,
		"allowMobileCheckout": false,
		"optedForCommunication": false
		}
		],
		"totalPages": 1,
		"offset": 20,

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Table 3-1 (Cont.) Workflow for Posting Charges

	Description of Steps	Operation

		"limit": 20,
		"hasMore": false,
		"totalResults": 1
		},
		"links": [
		{
		"href": "https://mtucn1uat.hospitality-api.us-ashburn-1.ocs.oc-test.com/rsv/v1/hotels/SAND01CN/reservations",
		"rel": "other",
		"templated": false,
		"method": "POST",
		"operationId": "postReservation"
		},
		{
		"href": "https://mtucn1uat.hospitality-api.us-ashburn-1.ocs.oc-test.com/rsv/v1/hotels/SAND01CN/reservations/147763",
		"rel": "self",
		"templated": false,
		"method": "GET",
		"operationId": "getReservation"
		},
		{
		"href": "https://mtucn1uat.hospitality-api.us-ashburn-1.ocs.oc-test.com/rsv/v1/hotels/SAND01CN/reservations/147763",
		"rel": "self",
		"templated": false,
		"method": "PUT",
		"operationId": "putReservation"
		}
		]
		}

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Table 3-1 (Cont.) Workflow for Posting Charges

	Description of Steps	Operation

4	**Post the charge to the reservation account**.
	Partner system sends Posting charge using the postBillingCharges operation.
	OPERA Cloud responds with 201 response message when the posting is successful.
	Note that the postBillingCharge call must include the reservationId, the revenue transactionCode and the cashierId.
		postBillingCharges
		Posting Phone Charges
		
		`POST {{HostName}}/csh/v1/hotels/{{HotelId}}/reservations/{{ReservationId}}/charges`
		
		`{ "criteria": { "hotelId": "SAND01", "charges": [ { "transactionCode": "3000", "price": { "amount": 22.26, "currencyCode": "USD" }, "postingQuantity": 1, "postingReference": "Phone National", "postingRemark": "021311370" } ], "incomeAuditDate": "2021-12-22", "postIt": false } }`
		
		`201 response:`
		
		`{ "postings": [ { "remark": "021311370", "reference": "Phone National ", "postedAmount": { "amount": 22.26, "currencyCode": "USD" }, "price": { "amount": 22.26, "currencyCode": "USD" }, "quantity": 1, "transactionType": "Revenue", "debitAmount": { "amount": 22.26,`

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Table 3-1 (Cont.) Workflow for Posting Charges

	Description of Steps	Operation

		"currencyCode": "USD"
		},
		"cashierInfo": {
		"cashierId": 113,
		"cashierName": "MBOE Cashier"
		},
		"paidOut": true,
		"exchange": {
		"debitAmount": {
		"amount": 22.26,
		"currencyCode": "USD"
		}
		},
		"stampDuty": false,
		"customCharge": false,
		"transactionNo": 331494,
		"transactionDate": "2024-01-05",
		"transactionCode": "3000",
		"transactionAmount": 22.26,
		"postingDate": "2024-01-05",
		"postingTime": {
		"time": "2024-01-05 13:19:03.0",
		"timezone": "UTC"
		},
		"revenueDate": "2024-01-05",
		"receiptNo": 57,
		"roundingDifferenceTrx": false,
		"folioWindowNo": 1,
		"deferredTax": false
		}
		],
		"trxCodesInfo": [
		{
		"description": "Phone Charge",
		"transactionGroup": "REV",
		"transactionSubGroup": "OTHR",
		"trxServiceType": "S",
		"transactionCode": "3000",
		"hotelId": "SAND01CN",
		"printTrxReceipt": false
		}
		]
		}
		
		POST {{HostName}}/csh/v1/hotels/{{HotelId}}/
		reservations/{{ReservationId}}/charges

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Table 3-1 (Cont.) Workflow for Posting Charges

	Description of Steps	Operation

		{
		"criteria": {
		"hotelId": "SAND01",
		"charges": [
		{
		"transactionCode": "3010",
		"price": {
		"amount": 18.99,
		"currencyCode": "USD"
		},
		"postingQuantity": 1,
		"postingReference": "Movie 1",
		"postingRemark": "Terminator III rental",
		"checkNumber": "21122212"
		}
		],
		"incomeAuditDate": "2021-12-22",
		"postIt": false
		}
		}
		
		201 Response
		
		{
		"postings": [
		{
		"remark": "Terminator III rental",
		"reference": "Movie 1 21122212",
		"checkNo": "21122212",
		"postedAmount": {
		"amount": 18.99,
		"currencyCode": "USD"
		},
		"price": {
		"amount": 18.99,
		"currencyCode": "USD"
		},
		"quantity": 1,
		"transactionType": "Revenue",
		"debitAmount": {
		"amount": 18.99,
		"currencyCode": "USD"
		},
		"cashierInfo": {
		"cashierId": 113,
		"cashierName": "MBOE Cashier"
		},

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Table 3-1 (Cont.) Workflow for Posting Charges

	Description of Steps	Operation

		"paidOut": false,
		"exchange": {
		"debitAmount": {
		"amount": 18.99,
		"currencyCode": "USD"
		}
		},
		"stampDuty": false,
		"customCharge": false,
		"transactionNo": 331557,
		"transactionDate": "2024-01-08",
		"transactionCode": "3010",
		"transactionAmount": 18.99,
		"postingDate": "2024-01-08",
		"postingTime": {
		"time": "2024-01-08 10:48:04.0",
		"timezone": "UTC"
		},
		"revenueDate": "2024-01-08",
		"roundingDifferenceTrx": false,
		"folioWindowNo": 1,
		"deferredTax": false
		}
		],
		"trxCodesInfo": [
		{
		"description": "Misc charges IFC",
		"transactionGroup": "MISC",
		"transactionSubGroup": "MISCREV",
		"trxServiceType": "S",
		"transactionCode": "3010",
		"hotelId": "SAND01CN",
		"printTrxReceipt": false
		}
		]
		}

Workflow for Posting Minibar Charges

With the **postBillingCharges** operation, you can send the amount to charge to the reservation account for minibar consumption.

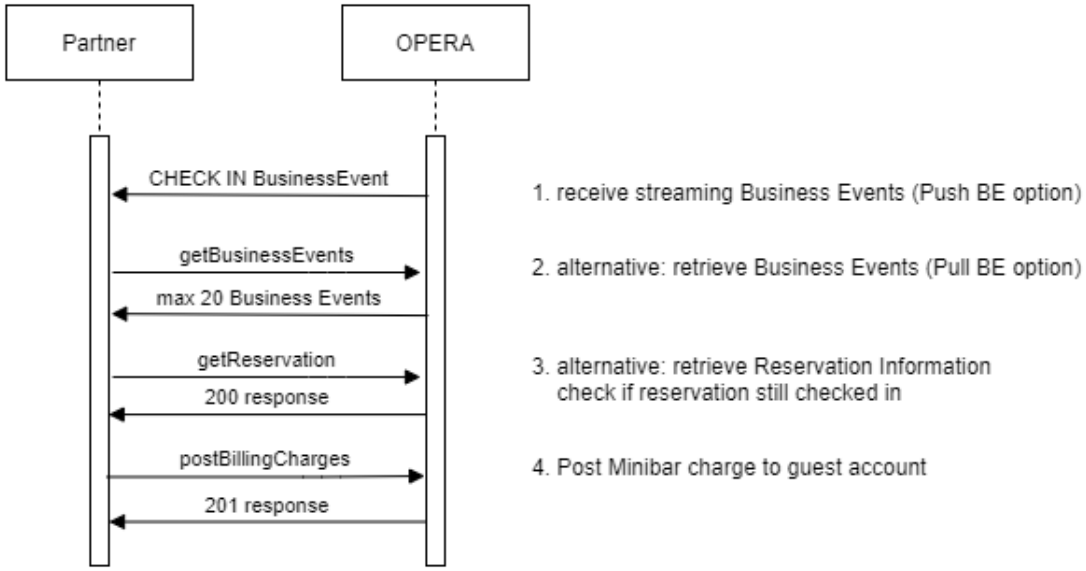
Currently, the following attributes are required to post the minibar charge into OPERA Cloud:

- The **reservationId** of the room to post the charge to.
- The minibar article **transactionCode** to post a charge against.
- The minibar article **price / amount** per article.
- The minibar **articleCode**.

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- The minibar article **posting quantity**.
- The **cashierId** assigned to the partner application integration user.

Figure 3-2 Sequence Diagram



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Table 3-2 Workflow for Posting Minibar Charges

	Description of Steps	Operation
1	**Partner retrieving the notification of reservation checked in.** Store the reservationId out of the CHECK IN Business Event. The reservationId will be in the "primaryKey" field of the BE. Ensure that the "primaryKey" element is requested within the Streaming Business Event setup 'subscribe' request.	Streaming CHECK IN Business Event Check In BE via Streaming BE `{ "id": "1", "type": "next", "payload": { "data": { "newEvent": { "metadata": { "offset": "1099511750874" }, "moduleName": "RESERVATION", "eventName": "CHECK IN", "hotelId": "SAND01CN", "primaryKey": "158169", "detail": [{ "elementName": "NAME", "oldValue": "LastName", "newValue": "LastName" }, { "elementName": "FIRST NAME", "oldValue": "FirstName", "newValue": "FirstName" }, { "elementName": "MIDDLE NAME", "oldValue": "", "newValue": "" }, { "elementName": "CONFIRMATION NO", "oldValue": "2474840", "newValue": "2474840" }, { "elementName": "CONFIRMATION LEG NO", "oldValue": "1", "newValue": "1" }, { "elementName": "TRAVEL AGENT NAME", "oldValue": "", "newValue": ""`

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Table 3-2 (Cont.) Workflow for Posting Minibar Charges

	Description of Steps	Operation
		}, { "elementName": "COMPANY NAME", "oldValue": "", "newValue": "" }, { "elementName": "SOURCE NAME", "oldValue": "", "newValue": "" }, { "elementName": "GROUP NAME", "oldValue": "", "newValue": "" }, { "elementName": "PARTY CODE", "oldValue": "", "newValue": "" }, { "elementName": "TRAVEL AGENT NAME ID", "oldValue": "", "newValue": "" }, { "elementName": "COMPANY NAME ID", "oldValue": "", "newValue": "" }, { "elementName": "SOURCE NAME ID", "oldValue": "", "newValue": "" }, { "elementName": "GROUP NAME ID", "oldValue": "", "newValue": "" }, { "elementName": "GUEST NAME

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Table 3-2 (Cont.) Workflow for Posting Minibar Charges

	Description of Steps	Operation
		ID", "oldValue": "859098", "newValue": "859098" }, { "elementName": "RESERVATION STATUS", "oldValue": "CHECKED IN", "newValue": "CHECKED IN" }, { "elementName": "ARRIVAL DATE", "oldValue": "2024-03-21", "newValue": "2024-03-21" }, { "elementName": "ARRIVAL TIME", "oldValue": "23:34:45", "newValue": "23:34:45" }, { "elementName": "LENGTH OF STAY", "oldValue": "1", "newValue": "1" }, { "elementName": "DEPARTURE DATE", "oldValue": "2024-03-22", "newValue": "2024-03-22" }, { "elementName": "ADVANCE CHECKED IN YN", "oldValue": "N", "newValue": "N" }, { "elementName": "EXPECTED TIME OF RETURN", "oldValue": "", "newValue": "" }, { "elementName": "ETR COMMENTS",

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Table 3-2 (Cont.) Workflow for Posting Minibar Charges

	Description of Steps	Operation
		"oldValue": "", "newValue": "" }, { "elementName": "OPTED FOR COMM YN", "oldValue": "", "newValue": "" }, { "elementName": "CREDIT LIMIT AUTO PAY ALLOW YN", "oldValue": "", "newValue": "" }, { "elementName": "CHECKOUT TIME", "oldValue": "00:00:00", "newValue": "00:00:00" }, { "elementName": "NUMBER OF ROOMS", "oldValue": "1", "newValue": "1" }, { "elementName": "ROOM TYPE", "oldValue": "SUP", "newValue": "SUP" }, { "elementName": "RTC", "oldValue": "SUP", "newValue": "SUP" }, { "elementName": "ROOM", "oldValue": "403", "newValue": "403" }, { "elementName": "MEMBERSHIP NUMBER", "oldValue": "", "newValue": "" }, {

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Table 3-2 (Cont.) Workflow for Posting Minibar Charges

	Description of Steps	Operation
		"elementName": "MEMBERSHIP TYPE", "oldValue": "", "newValue": "" }, { "elementName": "AWARD CODE 1", "oldValue": "", "newValue": "" }, { "elementName": "AWARD VOUCHER 1", "oldValue": "", "newValue": "" }, { "elementName": "GP_ELIGIBILITY", "oldValue": "", "newValue": "" }, { "elementName": "ADULTS", "oldValue": "1", "newValue": "1" }, { "elementName": "CHILDREN", "oldValue": "1", "newValue": "1" }, { "elementName": "CURRENCY CODE", "oldValue": "USD", "newValue": "USD" }, { "elementName": "MARKET CODE", "oldValue": "BUSINESS", "newValue": "BUSINESS" }, { "elementName": "RATE AMOUNT", "oldValue": "200",

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Table 3-2 (Cont.) Workflow for Posting Minibar Charges

	Description of Steps	Operation
		"newValue": "200" }, { "elementName": "RATE CODE", "oldValue": "USRATE", "newValue": "USRATE" }, { "elementName": "SOURCE CODE", "oldValue": "SAND01CN", "newValue": "SAND01CN" }, { "elementName": "CONNECTING YN", "oldValue": "N", "newValue": "N" }, { "elementName": "FIXED RATE", "oldValue": "N", "newValue": "N" }, { "elementName": "PRINT RATE YN", "oldValue": "Y", "newValue": "Y" }, { "elementName": "BLOCK CODE", "oldValue": "", "newValue": "" }, { "elementName": "RESERVATION TYPE", "oldValue": "CHECKED IN", "newValue": "CHECKED IN" }, { "elementName": "ORIGIN", "oldValue": "", "newValue": "" }, { "elementName": "EXT SEG NO", "oldValue": "",

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Table 3-2 (Cont.) Workflow for Posting Minibar Charges

	Description of Steps	Operation
		"newValue": "" }, { "elementName": "SHARE YN", "oldValue": "N", "newValue": "N" }, { "elementName": "PAYMENT METHOD", "oldValue": "CA", "newValue": "CA" }, { "elementName": "PAYMENT METHOD DESC", "oldValue": "Cash", "newValue": "Cash" }, { "elementName": "CREDIT CARD NUMBER", "oldValue": "", "newValue": "" }, { "elementName": "CREDIT CARD EXPIRATION DATE", "oldValue": "", "newValue": "" }, { "elementName": "AUTHORIZER", "oldValue": "", "newValue": "" }, { "elementName": "EXTERNAL USER ID", "oldValue": "", "newValue": "" }, { "elementName": "CREDIT CARD TYPE", "oldValue": "", "newValue": "" }, {

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Table 3-2 (Cont.) Workflow for Posting Minibar Charges

	Description of Steps	Operation
		"elementName": "DISCOUNT AMOUNT", "oldValue": "", "newValue": "" }, { "elementName": "DISCOUNT PERCENT", "oldValue": "", "newValue": "" }, { "elementName": "DISCOUNT REASON", "oldValue": "", "newValue": "" }, { "elementName": "SPECIAL REQUEST", "oldValue": "", "newValue": "" }, { "elementName": "ROOM FEATURES", "oldValue": "", "newValue": "" }, { "elementName": "PRODUCTS", "oldValue": "", "newValue": "" }, { "elementName": "PROMOTIONS", "oldValue": "", "newValue": "" }, { "elementName": "NO POST", "oldValue": "N", "newValue": "N" }, { "elementName": "VIDEO CHECKOUT", "oldValue": "N", "newValue": "N"

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Table 3-2 (Cont.) Workflow for Posting Minibar Charges

	Description of Steps	Operation
		}, { "elementName": "AUTHORIZE DIRECT BILL", "oldValue": "N", "newValue": "N" }, { "elementName": "YIELD MARKET TYPE", "oldValue": "", "newValue": "" }, { "elementName": "TAX TYPE", "oldValue": "", "newValue": "" }, { "elementName": "ARRIVAL TRANSPORT TYPE", "oldValue": "", "newValue": "" }, { "elementName": "ARRIVAL STATION CODE", "oldValue": "", "newValue": "" }, { "elementName": "ARRIVAL CARRIER CODE", "oldValue": "", "newValue": "" }, { "elementName": "ARRIVAL TRANSPORT CODE", "oldValue": "", "newValue": "" }, { "elementName": "ARRIVAL DATETIME", "oldValue": "", "newValue": "" }, {

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Table 3-2 (Cont.) Workflow for Posting Minibar Charges

	Description of Steps	Operation
		"elementName": "ARRIVAL TRANSPORT TIME", "oldValue": "", "newValue": "" }, { "elementName": "ARRIVAL ESTIMATE TIME", "oldValue": "", "newValue": "" }, { "elementName": "ARRIVAL TRANSPORTATION", "oldValue": "", "newValue": "" }, { "elementName": "ARRIVAL COMMENTS", "oldValue": "", "newValue": "" }, { "elementName": "DEPARTURE TRANSPORT TYPE", "oldValue": "", "newValue": "" }, { "elementName": "DEPARTURE STATION CODE", "oldValue": "", "newValue": "" }, { "elementName": "DEPARTURE CARRIER CODE", "oldValue": "", "newValue": "" }, { "elementName": "DEPARTURE TRANSPORT CODE", "oldValue": "", "newValue": "" }, { "elementName": "DEPARTURE

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Table 3-2 (Cont.) Workflow for Posting Minibar Charges

	Description of Steps	Operation
		DATETIME", "oldValue": "", "newValue": "" }, { "elementName": "DEPARTURE TRANSPORT TIME", "oldValue": "", "newValue": "" }, { "elementName": "DEPARTURE ESTIMATE TIME", "oldValue": "", "newValue": "" }, { "elementName": "DEPARTURE TRANSPORTATION", "oldValue": "", "newValue": "" }, { "elementName": "DEPARTURE COMMENTS", "oldValue": "", "newValue": "" }, { "elementName": "COMMISSION PAID TO", "oldValue": "0", "newValue": "0" }, { "elementName": "COMMISSION PAYOUT TO", "oldValue": "N", "newValue": "N" }, { "elementName": "TA RECORD LOCATOR", "oldValue": "", "newValue": "" }, { "elementName": "HURDLE RATE",

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Table 3-2 (Cont.) Workflow for Posting Minibar Charges

	Description of Steps	Operation
		"oldValue": "", "newValue": "" }, { "elementName": "RATEABLE VALUE", "oldValue": "", "newValue": "" }, { "elementName": "RESTRICTION OVERRIDE", "oldValue": "", "newValue": "" }, { "elementName": "HURDLE OVERRIDE", "oldValue": "", "newValue": "" }, { "elementName": "YIELD STATUS", "oldValue": "N", "newValue": "N" }, { "elementName": "SPG UPGRADE REASON CODE", "oldValue": "N", "newValue": "N" }, { "elementName": "SPG DISCLOSE ROOM TYPE YN", "oldValue": "N", "newValue": "N" }, { "elementName": "APP USER", "oldValue": "3976", "newValue": "3976" }, { "elementName": "EXTERNAL EFOLIO YN", "oldValue": "", "newValue": ""

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Table 3-2 (Cont.) Workflow for Posting Minibar Charges

	Description of Steps	Operation

		<pre>},
		{
		"elementName": "FOLIO OPT IN",
		"oldValue": "",
		"newValue": ""
		},
		{
		"elementName": "CHILDREN 1",
		"oldValue": "0",
		"newValue": "0"
		},
		{
		"elementName": "CHILDREN 2",
		"oldValue": "1",
		"newValue": "1"
		},
		{
		"elementName": "CHILDREN 3",
		"oldValue": "0",
		"newValue": "0"
		},
		{
		"elementName": "CONFIRMATION LETTER YN",
		"oldValue": "",
		"newValue": ""
		},
		{
		"elementName": "WAITLIST PRIORITY",
		"oldValue": "",
		"newValue": ""
		},
		{
		"elementName": "WAITLIST REASON CODE",
		"oldValue": "",
		"newValue": ""
		},
		{
		"elementName": "WAITLIST REASON DESCRIPTION",
		"oldValue": "",
		"newValue": ""
		},
		{
		"elementName": "INSERT DATE",</pre>

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Table 3-2 (Cont.) Workflow for Posting Minibar Charges

	Description of Steps	Operation
		"oldValue": "2024-03-20T22:39:54", "newValue": "2024-03-20T22:39:54" }, { "elementName": "UPDATE DATE", "oldValue": "2024-03-20T23:34:45", "newValue": "2024-03-20T23:34:45" }, { "elementName": "UPDATE USER", "oldValue": "3976", "newValue": "3976" }, { "elementName": "FOLIO FLAG", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 01", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 02", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 03", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 04", "oldValue": "", "newValue": "" }, {

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Table 3-2 (Cont.) Workflow for Posting Minibar Charges

	Description of Steps	Operation
		"elementName": "UDF CHAR 05", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 06", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 07", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 08", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 09", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 10", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 11", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 12", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR

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Table 3-2 (Cont.) Workflow for Posting Minibar Charges

	Description of Steps	Operation
		13", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 14", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 15", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 16", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 17", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 18", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 19", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 20", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 21",

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Table 3-2 (Cont.) Workflow for Posting Minibar Charges

	Description of Steps	Operation
		"oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 22", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 23", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 24", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 25", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 26", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 27", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 28", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 29", "oldValue": "",

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Table 3-2 (Cont.) Workflow for Posting Minibar Charges

	Description of Steps	Operation
		"newValue": "" }, { "elementName": "UDF CHAR 30", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 31", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 32", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 33", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 34", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 35", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 36", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 37", "oldValue": "", "newValue": ""

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Table 3-2 (Cont.) Workflow for Posting Minibar Charges

	Description of Steps	Operation
		}, { "elementName": "UDF CHAR 38", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 39", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 40", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 01", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 02", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 03", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 04", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 05", "oldValue": "", "newValue": "" },

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Table 3-2 (Cont.) Workflow for Posting Minibar Charges

	Description of Steps	Operation
		{ "elementName": "UDF NUMBER 06", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 07", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 08", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 09", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 10", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 11", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 12", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 13", "oldValue": "", "newValue": "" }, {

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Table 3-2 (Cont.) Workflow for Posting Minibar Charges

	Description of Steps	Operation
		"elementName": "UDF NUMBER 14", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 15", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 16", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 17", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 18", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 19", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 20", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 21", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER

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Table 3-2 (Cont.) Workflow for Posting Minibar Charges

	Description of Steps	Operation
		22", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 23", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 24", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 25", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 26", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 27", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 28", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 29", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 30",

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Table 3-2 (Cont.) Workflow for Posting Minibar Charges

	Description of Steps	Operation
		"oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 31", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 32", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 33", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 34", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 35", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 36", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 37", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 38", "oldValue": "",

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Table 3-2 (Cont.) Workflow for Posting Minibar Charges

	Description of Steps	Operation
		"newValue": "" }, { "elementName": "UDF NUMBER 39", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 40", "oldValue": "", "newValue": "" }, { "elementName": "UDF DATE 01", "oldValue": "", "newValue": "" }, { "elementName": "UDF DATE 02", "oldValue": "", "newValue": "" }, { "elementName": "UDF DATE 03", "oldValue": "", "newValue": "" }, { "elementName": "UDF DATE 04", "oldValue": "", "newValue": "" }, { "elementName": "UDF DATE 05", "oldValue": "", "newValue": "" }, { "elementName": "UDF DATE 06", "oldValue": "", "newValue": ""

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Table 3-2 (Cont.) Workflow for Posting Minibar Charges

	Description of Steps	Operation
		}, { "elementName": "UDF DATE 07", "oldValue": "", "newValue": "" }, { "elementName": "UDF DATE 08", "oldValue": "", "newValue": "" }, { "elementName": "UDF DATE 09", "oldValue": "", "newValue": "" }, { "elementName": "UDF DATE 10", "oldValue": "", "newValue": "" }, { "elementName": "UDF DATE 11", "oldValue": "", "newValue": "" }, { "elementName": "UDF DATE 12", "oldValue": "", "newValue": "" }, { "elementName": "UDF DATE 13", "oldValue": "", "newValue": "" }, { "elementName": "UDF DATE 14", "oldValue": "", "newValue": "" },

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Table 3-2 (Cont.) Workflow for Posting Minibar Charges

	Description of Steps	Operation

		<pre>{
		"elementName": "UDF DATE 15",
		"oldValue": "",
		"newValue": ""
		},
		{
		"elementName": "UDF DATE 16",
		"oldValue": "",
		"newValue": ""
		},
		{
		"elementName": "UDF DATE 17",
		"oldValue": "",
		"newValue": ""
		},
		{
		"elementName": "UDF DATE 18",
		"oldValue": "",
		"newValue": ""
		},
		{
		"elementName": "UDF DATE 19",
		"oldValue": "",
		"newValue": ""
		},
		{
		"elementName": "UDF DATE 20",
		"oldValue": "",
		"newValue": ""
		},
		{
		"elementName": "PARENT RESV NAME ID",
		"oldValue": "",
		"newValue": ""
		},
		{
		"elementName": "SPLIT YN",
		"oldValue": "",
		"newValue": "N"
		},
		{
		"elementName": "WALK IN",</pre>

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Table 3-2 (Cont.) Workflow for Posting Minibar Charges

	Description of Steps	Operation
		"oldValue": "", "newValue": "N" }, { "elementName": "VIP STATUS", "oldValue": "", "newValue": "" }, { "elementName": "LANGUAGE", "oldValue": "fr", "newValue": "fr" }, { "elementName": "TITLE", "oldValue": "", "newValue": "" }, { "elementName": "GUEST MESSAGE YN", "oldValue": "N", "newValue": "N" }, { "elementName": "COMP TYPE", "oldValue": "", "newValue": "" }, { "elementName": "CREDIT CARD VAULT ID", "oldValue": "", "newValue": "" }, { "elementName": "CREDIT CARD NUMBER 4 DIGITS", "oldValue": "", "newValue": "" }, { "elementName": "BASE RATE CODE", "oldValue": "", "newValue": "" }, { "elementName": "LOCAL BASE

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Table 3-2 (Cont.) Workflow for Posting Minibar Charges

	Description of Steps	Operation

		RATE AMOUNT",
		"oldValue": "",
		"newValue": ""
		},
		{
		"elementName": "BASE RATE CURRENCY CODE",
		"oldValue": "",
		"newValue": ""
		},
		{
		"elementName": "TURNDOWN DATE",
		"oldValue": "",
		"newValue": ""
		},
		{
		"elementName": "TURNDOWN STATUS",
		"oldValue": "NR",
		"newValue": "NR"
		}
		]
		}
		}
		}
		}

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Table 3-2 (Cont.) Workflow for Posting Minibar Charges

	Description of Steps	Operation

2	**Alternatively, retrieve Business Events to receive notification of reservation/room checked in.**
	Store the reservationId out of the CHECK IN Business Event.
	The reservationId will be in the "primaryKey" field of the BE.
		getBusinessEvents
		CHECK IN Business Event
		getBusinessEvents
		
		`GET {{HostName}}/VAB_ENT1/operarest/{{SchemaName}}/int/v1/externalSystem/{{ExternalSystemCode}}/hotels/{{HotelId}}/businessEvents?limit=1`
		
		`200 Response`
		
		`{ "businessEventData": [{ "businessEvent": { "header": { "moduleName": "Reservation", "actionType": "CHECK IN", "actionId": 6258146, "primaryKey": "2130534", "publisherId": 130509, "createdDateTime": "2024-02-19 14:56:35.0", "hotelId": "MBOESEL" }, "details": [{ "dataElement": "NAME", "oldValue": "Guest", "newValue": "Guest" }, { "dataElement": "FIRST NAME", "oldValue": "Test", "newValue": "Test" }, { "dataElement": "MIDDLE NAME" }, { "dataElement": "CONFIRMATION NO", "oldValue": "3588260", "newValue": "3588260" }, { "dataElement": "CONFIRMATION LEG NO", "oldValue": "1",`

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Table 3-2 (Cont.) Workflow for Posting Minibar Charges

	Description of Steps	Operation
		"newValue": "1" }, { "dataElement": "TRAVEL AGENT NAME" }, { "dataElement": "COMPANY NAME" }, { "dataElement": "SOURCE NAME" }, { "dataElement": "GROUP NAME" }, { "dataElement": "PARTY CODE" }, { "dataElement": "TRAVEL AGENT NAME ID" }, { "dataElement": "COMPANY NAME ID" }, { "dataElement": "SOURCE NAME ID" }, { "dataElement": "GROUP NAME ID" }, { "dataElement": "GUEST NAME ID", "oldValue": "3526607", "newValue": "3526607" }, { "dataElement": "RESERVATION STATUS", "oldValue": "CHECKED IN", "newValue": "CHECKED IN" }, { "dataElement": "ARRIVAL

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Table 3-2 (Cont.) Workflow for Posting Minibar Charges

	Description of Steps	Operation
		DATE", "oldValue": "2020-08-31", "newValue": "2020-08-31" }, { "dataElement": "ARRIVAL TIME", "oldValue": "14:56:28", "newValue": "14:56:28" }, { "dataElement": "LENGTH OF STAY", "oldValue": "1", "newValue": "1" }, { "dataElement": "DEPARTURE DATE", "oldValue": "2020-09-01", "newValue": "2020-09-01" }, { "dataElement": "ADVANCE CHECKED IN YN", "oldValue": "N", "newValue": "N" }, { "dataElement": "EXPECTED TIME OF RETURN" }, { "dataElement": "ETR COMMENTS" }, { "dataElement": "OPTED FOR COMM YN" }, { "dataElement": "CREDIT LIMIT AUTO PAY ALLOW YN" }, { "dataElement": "CHECKOUT TIME", "oldValue": "00:00:00", "newValue": "00:00:00"

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Table 3-2 (Cont.) Workflow for Posting Minibar Charges

	Description of Steps	Operation
		}, { "dataElement": "NUMBER OF ROOMS", "oldValue": "1", "newValue": "1" }, { "dataElement": "ROOM TYPE", "oldValue": "CLASSIC", "newValue": "CLASSIC" }, { "dataElement": "RTC", "oldValue": "CLASSIC", "newValue": "CLASSIC" }, { "dataElement": "ROOM", "oldValue": "103", "newValue": "103" }, { "dataElement": "MEMBERSHIP NUMBER" }, { "dataElement": "MEMBERSHIP TYPE" }, { "dataElement": "AWARD CODE 1", "scopeFrom": "2020-08-31", "scopeTo": "2020-09-01" }, { "dataElement": "AWARD VOUCHER 1", "scopeFrom": "2020-08-31", "scopeTo": "2020-09-01" }, { "dataElement": "GP_ELIGIBILITY", "scopeFrom": "2020-08-31", "scopeTo": "2020-09-01" }, {

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Table 3-2 (Cont.) Workflow for Posting Minibar Charges

	Description of Steps	Operation
		"dataElement": "ADULTS", "oldValue": "1", "newValue": "1", "scopeFrom": "2020-08-31", "scopeTo": "2020-09-01" }, { "dataElement": "CHILDREN", "oldValue": "0", "newValue": "0", "scopeFrom": "2020-08-31", "scopeTo": "2020-09-01" }, { "dataElement": "CURRENCY CODE", "oldValue": "USD", "newValue": "USD", "scopeFrom": "2020-08-31", "scopeTo": "2020-09-01" }, { "dataElement": "MARKET CODE", "oldValue": "G", "newValue": "G", "scopeFrom": "2020-08-31", "scopeTo": "2020-09-01" }, { "dataElement": "RATE AMOUNT", "oldValue": "100", "newValue": "100", "scopeFrom": "2020-08-31", "scopeTo": "2020-09-01" }, { "dataElement": "RATE CODE", "oldValue": "1MBOE", "newValue": "1MBOE", "scopeFrom": "2020-08-31", "scopeTo": "2020-09-01" }, { "dataElement": "SOURCE CODE", "oldValue": "REF", "newValue": "REF",

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Table 3-2 (Cont.) Workflow for Posting Minibar Charges

	Description of Steps	Operation
		"scopeFrom": "2020-08-31", "scopeTo": "2020-09-01" }, { "dataElement": "CONNECTING YN", "oldValue": "N", "newValue": "N" }, { "dataElement": "FIXED RATE", "oldValue": "Y", "newValue": "Y" }, { "dataElement": "PRINT RATE YN", "oldValue": "Y", "newValue": "Y" }, { "dataElement": "BLOCK CODE" }, { "dataElement": "RESERVATION TYPE", "oldValue": "CHECKED IN", "newValue": "CHECKED IN" }, { "dataElement": "ORIGIN" }, { "dataElement": "EXT SEG NO" }, { "dataElement": "SHARE YN", "oldValue": "N", "newValue": "N" }, { "dataElement": "PAYMENT METHOD", "oldValue": "CA", "newValue": "CA" }, { "dataElement": "PAYMENT METHOD DESC",

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Table 3-2 (Cont.) Workflow for Posting Minibar Charges

	Description of Steps	Operation
		"oldValue": "Cash", "newValue": "Cash" }, { "dataElement": "CREDIT CARD NUMBER" }, { "dataElement": "CREDIT CARD EXPIRATION DATE" }, { "dataElement": "AUTHORIZER" }, { "dataElement": "EXTERNAL USER ID" }, { "dataElement": "CREDIT CARD TYPE" }, { "dataElement": "DISCOUNT AMOUNT" }, { "dataElement": "DISCOUNT PERCENT" }, { "dataElement": "DISCOUNT REASON" }, { "dataElement": "SPECIAL REQUEST" }, { "dataElement": "ROOM FEATURES" }, { "dataElement": "PRODUCTS" }, { "dataElement": "PROMOTIONS" }, {

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Table 3-2 (Cont.) Workflow for Posting Minibar Charges

	Description of Steps	Operation
		"dataElement": "NO POST", "oldValue": "N", "newValue": "N" }, { "dataElement": "VIDEO CHECKOUT", "oldValue": "N", "newValue": "N" }, { "dataElement": "AUTHORIZE DIRECT BILL", "oldValue": "N", "newValue": "N" }, { "dataElement": "YIELD MARKET TYPE" }, { "dataElement": "TAX TYPE" }, { "dataElement": "ARRIVAL TRANSPORT TYPE" }, { "dataElement": "ARRIVAL STATION CODE" }, { "dataElement": "ARRIVAL CARRIER CODE" }, { "dataElement": "ARRIVAL TRANSPORT CODE" }, { "dataElement": "ARRIVAL DATETIME" }, { "dataElement": "ARRIVAL TRANSPORT TIME" }, { "dataElement": "ARRIVAL

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Table 3-2 (Cont.) Workflow for Posting Minibar Charges

	Description of Steps	Operation
		ESTIMATE TIME" }, { "dataElement": "ARRIVAL TRANSPORTATION", "oldValue": "N", "newValue": "N" }, { "dataElement": "ARRIVAL COMMENTS" }, { "dataElement": "DEPARTURE TRANSPORT TYPE" }, { "dataElement": "DEPARTURE STATION CODE" }, { "dataElement": "DEPARTURE CARRIER CODE" }, { "dataElement": "DEPARTURE TRANSPORT CODE" }, { "dataElement": "DEPARTURE DATETIME" }, { "dataElement": "DEPARTURE TRANSPORT TIME" }, { "dataElement": "DEPARTURE ESTIMATE TIME" }, { "dataElement": "DEPARTURE TRANSPORTATION", "oldValue": "N", "newValue": "N" }, { "dataElement": "DEPARTURE COMMENTS"

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Table 3-2 (Cont.) Workflow for Posting Minibar Charges

	Description of Steps	Operation

		<pre>},
		{
		"dataElement": "COMMISSION PAID TO",
		"oldValue": "0",
		"newValue": "0"
		},
		{
		"dataElement": "COMMISSION PAYOUT TO",
		"oldValue": "N",
		"newValue": "N"
		},
		{
		"dataElement": "TA RECORD LOCATOR"
		},
		{
		"dataElement": "HURDLE RATE"
		},
		{
		"dataElement": "RATEABLE VALUE"
		},
		{
		"dataElement": "RESTRICTION OVERRIDE"
		},
		{
		"dataElement": "HURDLE OVERRIDE"
		},
		{
		"dataElement": "YIELD STATUS",
		"oldValue": "N",
		"newValue": "N"
		},
		{
		"dataElement": "SPG UPGRADE REASON CODE",
		"oldValue": "N",
		"newValue": "N"
		},
		{
		"dataElement": "SPG DISCLOSE ROOM TYPE YN",
		"oldValue": "N",
		"newValue": "N"</pre>

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Table 3-2 (Cont.) Workflow for Posting Minibar Charges

	Description of Steps	Operation
		}, { "dataElement": "APP USER", "oldValue": "130509", "newValue": "130509" }, { "dataElement": "EXTERNAL EFOLIO YN" }, { "dataElement": "FOLIO OPT IN" }, { "dataElement": "CHILDREN 1", "oldValue": "0", "newValue": "0" }, { "dataElement": "CHILDREN 2", "oldValue": "0", "newValue": "0" }, { "dataElement": "CHILDREN 3", "oldValue": "0", "newValue": "0" }, { "dataElement": "CONFIRMATION LETTER YN" }, { "dataElement": "WAITLIST PRIORITY" }, { "dataElement": "WAITLIST REASON CODE" }, { "dataElement": "WAITLIST REASON DESCRIPTION" }, { "dataElement": "INSERT DATE", "oldValue":

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Table 3-2 (Cont.) Workflow for Posting Minibar Charges

	Description of Steps	Operation
		"2024-02-19T14:53:00", "newValue": "2024-02-19T14:53:00" }, { "dataElement": "UPDATE DATE", "oldValue": "2024-02-19T14:56:32", "newValue": "2024-02-19T14:56:32" }, { "dataElement": "UPDATE USER", "oldValue": "130509", "newValue": "130509" }, { "dataElement": "FOLIO FLAG" }, { "dataElement": "UDF CHAR 01" }, { "dataElement": "UDF CHAR 02" }, { "dataElement": "UDF CHAR 03" }, { "dataElement": "UDF CHAR 04" }, { "dataElement": "UDF CHAR 05" }, { "dataElement": "UDF CHAR 06" }, { "dataElement": "UDF CHAR 07" }, { "dataElement": "UDF CHAR 08" }, { "dataElement": "UDF CHAR 09" }, {

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Table 3-2 (Cont.) Workflow for Posting Minibar Charges

	Description of Steps	Operation
		"dataElement": "UDF CHAR 10" }, { "dataElement": "UDF CHAR 11" }, { "dataElement": "UDF CHAR 12" }, { "dataElement": "UDF CHAR 13" }, { "dataElement": "UDF CHAR 14" }, { "dataElement": "UDF CHAR 15" }, { "dataElement": "UDF CHAR 16" }, { "dataElement": "UDF CHAR 17" }, { "dataElement": "UDF CHAR 18" }, { "dataElement": "UDF CHAR 19" }, { "dataElement": "UDF CHAR 20" }, { "dataElement": "UDF CHAR 21" }, { "dataElement": "UDF CHAR 22" }, { "dataElement": "UDF CHAR 23" }, { "dataElement": "UDF CHAR 24" }, { "dataElement": "UDF CHAR 25" }, { "dataElement": "UDF CHAR 26"

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Table 3-2 (Cont.) Workflow for Posting Minibar Charges

	Description of Steps	Operation
		}, { "dataElement": "UDF CHAR 27" }, { "dataElement": "UDF CHAR 28" }, { "dataElement": "UDF CHAR 29" }, { "dataElement": "UDF CHAR 30" }, { "dataElement": "UDF CHAR 31" }, { "dataElement": "UDF CHAR 32" }, { "dataElement": "UDF CHAR 33" }, { "dataElement": "UDF CHAR 34" }, { "dataElement": "UDF CHAR 35" }, { "dataElement": "UDF CHAR 36" }, { "dataElement": "UDF CHAR 37" }, { "dataElement": "UDF CHAR 38" }, { "dataElement": "UDF CHAR 39" }, { "dataElement": "UDF CHAR 40" }, { "dataElement": "UDF NUMBER 01" }, { "dataElement": "UDF NUMBER

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Table 3-2 (Cont.) Workflow for Posting Minibar Charges

	Description of Steps	Operation
		02" }, { "dataElement": "UDF NUMBER 03" }, { "dataElement": "UDF NUMBER 04" }, { "dataElement": "UDF NUMBER 05" }, { "dataElement": "UDF NUMBER 06" }, { "dataElement": "UDF NUMBER 07" }, { "dataElement": "UDF NUMBER 08" }, { "dataElement": "UDF NUMBER 09" }, { "dataElement": "UDF NUMBER 10" }, { "dataElement": "UDF NUMBER 11" }, { "dataElement": "UDF NUMBER 12" }, { "dataElement": "UDF NUMBER 13" }, { "dataElement": "UDF NUMBER 14"

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Table 3-2 (Cont.) Workflow for Posting Minibar Charges

	Description of Steps	Operation
		}, { "dataElement": "UDF NUMBER 15" }, { "dataElement": "UDF NUMBER 16" }, { "dataElement": "UDF NUMBER 17" }, { "dataElement": "UDF NUMBER 18" }, { "dataElement": "UDF NUMBER 19" }, { "dataElement": "UDF NUMBER 20" }, { "dataElement": "UDF NUMBER 21" }, { "dataElement": "UDF NUMBER 22" }, { "dataElement": "UDF NUMBER 23" }, { "dataElement": "UDF NUMBER 24" }, { "dataElement": "UDF NUMBER 25" }, { "dataElement": "UDF NUMBER 26" },

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Table 3-2 (Cont.) Workflow for Posting Minibar Charges

	Description of Steps	Operation
		{ "dataElement": "UDF NUMBER 27" }, { "dataElement": "UDF NUMBER 28" }, { "dataElement": "UDF NUMBER 29" }, { "dataElement": "UDF NUMBER 30" }, { "dataElement": "UDF NUMBER 31" }, { "dataElement": "UDF NUMBER 32" }, { "dataElement": "UDF NUMBER 33" }, { "dataElement": "UDF NUMBER 34" }, { "dataElement": "UDF NUMBER 35" }, { "dataElement": "UDF NUMBER 36" }, { "dataElement": "UDF NUMBER 37" }, { "dataElement": "UDF NUMBER 38" }, {

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Table 3-2 (Cont.) Workflow for Posting Minibar Charges

	Description of Steps	Operation
		"dataElement": "UDF NUMBER 39" }, { "dataElement": "UDF NUMBER 40" }, { "dataElement": "UDF DATE 01" }, { "dataElement": "UDF DATE 02" }, { "dataElement": "UDF DATE 03" }, { "dataElement": "UDF DATE 04" }, { "dataElement": "UDF DATE 05" }, { "dataElement": "UDF DATE 06" }, { "dataElement": "UDF DATE 07" }, { "dataElement": "UDF DATE 08" }, { "dataElement": "UDF DATE 09" }, { "dataElement": "UDF DATE 10" }, { "dataElement": "UDF DATE 11" }, { "dataElement": "UDF DATE 12" }, { "dataElement": "UDF DATE 13" }, { "dataElement": "UDF DATE 14" },

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Table 3-2 (Cont.) Workflow for Posting Minibar Charges

	Description of Steps	Operation
		{ "dataElement": "UDF DATE 15" }, { "dataElement": "UDF DATE 16" }, { "dataElement": "UDF DATE 17" }, { "dataElement": "UDF DATE 18" }, { "dataElement": "UDF DATE 19" }, { "dataElement": "UDF DATE 20" }, { "dataElement": "PARENT RESV NAME ID" }, { "dataElement": "SPLIT YN", "newValue": "N" }, { "dataElement": "WALK IN", "newValue": "N" }, { "dataElement": "VIP STATUS" }, { "dataElement": "LANGUAGE", "oldValue": "E", "newValue": "E" }, { "dataElement": "TITLE", "oldValue": "MR", "newValue": "MR" }, { "dataElement": "GUEST MESSAGE YN", "oldValue": "N", "newValue": "N" },

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Table 3-2 (Cont.) Workflow for Posting Minibar Charges

	Description of Steps	Operation

		{
		"dataElement": "COMP TYPE"
		},
		{
		"dataElement": "CREDIT CARD VAULT ID"
		},
		{
		"dataElement": "CREDIT CARD NUMBER 4 DIGITS"
		},
		{
		"dataElement": "BASE RATE CODE"
		},
		{
		"dataElement": "LOCAL BASE RATE AMOUNT"
		},
		{
		"dataElement": "BASE RATE CURRENCY CODE"
		},
		{
		"dataElement": "TURNDOWN DATE"
		},
		{
		"dataElement": "TURNDOWN STATUS",
		"oldValue": "NR",
		"newValue": "NR"
		}
		]
		},
		"businessEventId": {
		"id": "6258146"
		}
		}
		]
		}

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Table 3-2 (Cont.) Workflow for Posting Minibar Charges

	Description of Steps	Operation

3	**Alternatively, retrieve reservation information by RoomId.**
	The getReservation query provides all necessary reservation information needed to perform post charges operations, such as the reservationId, the roomId, the guest name, and reservation status at the time of query.
		getReservation
		getReservations by RoomId
		
		`GET {{HostName}}/rsv/v1/hotels/{{HotelId}}/reservations?searchType=InHouse&roomId=203`
		
		`200 Response:`
		
		`{ "reservations": { "reservationInfo": [{ "reservationIdList": [{ "id": "147763", "type": "Reservation" }, { "id": "2256244", "type": "Confirmation" }], "roomStay": { "arrivalDate": "2024-01-08", "departureDate": "2024-01-11", "originalTimeSpan": { "startDate": "2024-01-08", "endDate": "2024-01-11" }, "expectedTimes": { "reservationExpectedArrivalTime": "2024-01-08 05:06:47.0", "reservationExpectedDepartureTime": "2024-01-11" }, "adultCount": 2, "childCount": 0, "roomClass": "STD", "roomType": "DBL", "numberOfRooms": 1, "roomId": "203", "roomOwnershipType": "Regular", "ratePlanCode": "USRATE", "rateAmount": { "amount": 250, "currencyCode": "USD" },`

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Table 3-2 (Cont.) Workflow for Posting Minibar Charges

	Description of Steps	Operation

		"rateSuppressed": false,
		"bookingChannelCode": "PMS",
		"fixedRate": false,
		"guarantee": {
		"guaranteeCode": "CHECKED IN",
		"shortDescription": "Checked In"
		},
		"balance": {
		"amount": 0,
		"currencyCode": "USD"
		},
		"roomTypeCharged": "DBL",
		"roomNumberLocked": false,
		"pseudoRoom": false
		},
		"reservationGuest": {
		"givenName": "Jignesh",
		"surname": "Jain",
		"language": "EN",
		"vip": {},
		"address": {
		"country": {
		"code": "US"
		}
		},
		"anonymization": {},
		"accompanyGuests": [],
		"guestRestricted": false,
		"nameType": "Guest",
		"id": "842813",
		"type": "Profile"
		},
		"sharedGuests": [],
		"attachedProfiles": [],
		"reservationPaymentMethod": {
		"paymentMethod": "CA"
		},
		"reservationFolioWindows": [],
		"commissionsInfo": {
		"commissionsPaid": false
		},
		"reservationIndicators": [
		{
		"indicatorName": "NOPOST"
		},
		{
		"indicatorName":

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Table 3-2 (Cont.) Workflow for Posting Minibar Charges

	Description of Steps	Operation

		"DEPOSITCANCELLATION",
		"count": 1
		},
		{
		"indicatorName":
		"HISTORYFUTURE",
		"count": 1
		},
		{
		"indicatorName":
		"COMMUNICATION",
		"count": 2
		},
		{
		"indicatorName":
		"ASSOCIATEDPROFILES",
		"count": 1
		}
		],
		"roomStatus": "Inspected",
		"sourceOfSale": {
		"sourceType": "PMS",
		"sourceCode": "SAND01CN"
		},
		"waitlist": {},
		"advanceCheckIn": {
		"advanceCheckedIn": false
		},
		"hotelId": "SAND01CN",
		"hotelName": "OHIP Sandbox 1",
		"roomStayReservation": true,
		"createDateTime": "2024-01-08
		05:04:54.0",
		"lastModifyDateTime": "2024-01-08
		05:06:47.0",
		"reservationStatus": "InHouse",
		"computedReservationStatus":
		"InHouse",
		"walkInIndicator": false,
		"commissionPayoutTo": "None",
		"paymentMethod": "CA",
		"preRegistered": false,
		"openFolio": false,
		"allowMobileCheckout": false,
		"optedForCommunication": false
		}
		],
		"totalPages": 1,
		"offset": 20,

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Table 3-2 (Cont.) Workflow for Posting Minibar Charges

	Description of Steps	Operation

		"limit": 20,
		"hasMore": false,
		"totalResults": 1
		},
		"links": [
		{
		"href": "https://mtucn1uat.hospitality-api.us-ashburn-1.ocs.oc-test.com/rsv/v1/hotels/SAND01CN/reservations",
		"rel": "other",
		"templated": false,
		"method": "POST",
		"operationId": "postReservation"
		},
		{
		"href": "https://mtucn1uat.hospitality-api.us-ashburn-1.ocs.oc-test.com/rsv/v1/hotels/SAND01CN/reservations/147763",
		"rel": "self",
		"templated": false,
		"method": "GET",
		"operationId": "getReservation"
		},
		{
		"href": "https://mtucn1uat.hospitality-api.us-ashburn-1.ocs.oc-test.com/rsv/v1/hotels/SAND01CN/reservations/147763",
		"rel": "self",
		"templated": false,
		"method": "PUT",
		"operationId": "putReservation"
		}
		]
		}

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Table 3-2 (Cont.) Workflow for Posting Minibar Charges

	Description of Steps	Operation

4	**Post the Minibar charge to the reservation account**.
	Partner system sends Posting charge for Minibar consumption using the postBillingCharges operation.
	OPERA Cloud responds with 201 response message when the posting is successful.
	Note that the postBillingCharge call must include the Minibar articleCode, the Minibar article price/amount per quantity, the revenue transactionCode, and the cashierId.
		postBillingCharges
		Posting Minibar Charges
		
		`{`
		`"criteria": {`
		`"hotelId": "SAND01",`
		`"charges": [`
		`{`
		`"transactionCode": "4510",`
		`"articleCode": "10",`
		`"price": {`
		`"amount": 2.50,`
		`"currencyCode": "USD"`
		`},`
		`"postingQuantity": 1,`
		`"postingReference": "Minibar Snacks",`
		`"postingRemark": "Art. 10",`
		`"checkNumber": "",`
		`"arrangementCode": "",`
		`"applyRoutingInstructions": false,`
		`"usePackageAllowance": false,`
		`"autoPosting": true,`
		`"financialTransactionIdList": [`
		`{`
		`"id": "Vendor trans ID",`
		`"type": "string"`
		`}`
		`],`
		`"folioWindowNo": 2,`
		`"cashierId": 113`
		`}`
		`],`
		
		`"reservationId": {`
		`"url": "string",`
		`"type": "string",`
		`"instance": "string",`
		`"idContext": "string",`
		`"id": "{{ReservationId}}",`
		`"idExtension": 0`
		`},`
		`"incomeAuditDate": "2021-10-05",`
		`"postIt": false,`
		`"cashierId": 113,`
		`"welcomeOfferPosting": true`
		`},`
		`"links": [`

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Table 3-2 (Cont.) Workflow for Posting Minibar Charges

	Description of Steps	Operation

		{
		"href": "string",
		"rel": "string",
		"templated": false,
		"method": "GET",
		"targetSchema": "string",
		"operationId": "string",
		"title": "string"
		}
		]
		}
		
		201 Response
		
		{
		"postings": [
		{
		"remark": "Art. 10",
		"reference": "Minibar Snacks ",
		"postedAmount": {
		"amount": 2.5,
		"currencyCode": "USD"
		},
		"price": {
		"amount": 2.5,
		"currencyCode": "USD"
		},
		"quantity": 1,
		"transactionType": "Revenue",
		"debitAmount": {
		"amount": 2.5,
		"currencyCode": "USD"
		},
		"articleCode": "10",
		"cashierInfo": {
		"cashierId": 113,
		"cashierName": "MBOE Cashier"
		},
		"paidOut": false,
		"exchange": {
		"debitAmount": {
		"amount": 2.5,
		"currencyCode": "USD"
		}
		},
		"stampDuty": false,
		"customCharge": false,
		"transactionNo": 331496,

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Table 3-2 (Cont.) Workflow for Posting Minibar Charges

	Description of Steps	Operation

		<pre>"transactionDate": "2024-01-05",
		"transactionCode": "4510",
		"transactionAmount": 2.5,
		"postingDate": "2024-01-05",
		"postingTime": {
		"time": "2024-01-05 13:22:14.0",
		"timezone": "UTC"
		},
		"revenueDate": "2024-01-05",
		"roundingDifferenceTrx": false,
		"folioWindowNo": 2,
		"deferredTax": false
		}
		],
		"trxCodesInfo": [
		{
		"description": "Minibar Food",
		"transactionGroup": "REV",
		"transactionSubGroup": "MB",
		"articles": [
		{
		"description": "Minibar snacks",
		"articleCode": "10"
		}
		],
		"trxServiceType": "S",
		"transactionCode": "4510",
		"hotelId": "SAND01CN",
		"printTrxReceipt": false
		}
		]
		}</pre>

Inquire Reservation Information (Post Inquiry)

Operation to Retrieve Guest or Reservation Information

Prior to performing a charge posting or for guest data verification purposes, this operation facilitates the ability to inquire guest / reservation information so that charges can be sent to a specific guest.

This operation is typically used by Point-Of-Sale (POS) systems, Spa Systems, Golf Systems, and HSIA Systems that are performing room charges. Before sending room charges to a guest account, these systems send an inquiry to the property management system (PMS) to verify if a guest is actually checked in at the hotel.

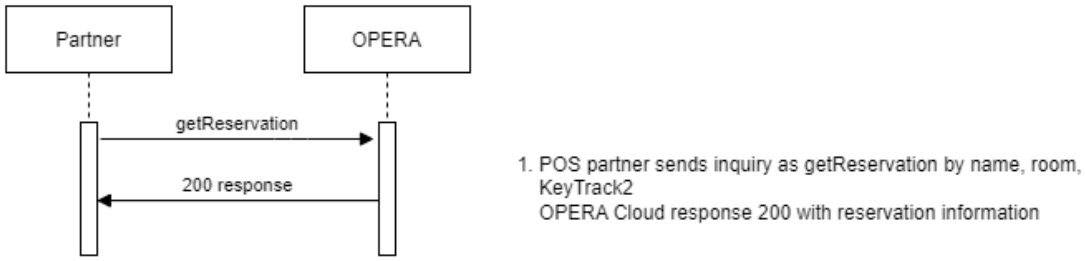
Some HSIA systems do a Room and/or Name verification where guests must enter their room number and last name when requesting access to in-room Internet. The HSIA system sends an inquiry to OPERA Cloud PMS and compares the received guest information with the

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entered values to verify that this guest is the correct one and is currently checked in to the hotel/hotel room. If the values match, the system grants access.

To receive reservation information and verify if a guest is currently checked in, use the **getReservations** operation.

Figure 3-3 Retrieving Reservation Information from OPERA Cloud



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Table 3-3 Workflow for Retrieving Reservation Information

	Description of Steps	operationId
1	Partner retrieves reservation information to verify the entered guest data or to gather mandatory reservation information and perform post charges. getReservations requests can be done by the following query parameters: 1. roomId 2. Surname 3. First letters of a surname 4. keyTrack2 — room key data Using the query parameter "roomId" or "surname" means that the partner system knows the room number or the full surname or the first letters of the surname of the guest. Typically in a Restaurant, guests are asked to write down their room number or surname and the waiter enters the data into the POS system which then sends the inquiry to OPERA Cloud. HSIA In-room Internet systems typically verify guest information (such as the surname and the room number) for authentication so that the guest is granted use of the Internet. For this option, without posting charges, you can also use the getReservations operation with query parameter "roomId" and / or "surname" and compare the related results with the data the guest enters in the HSIA login. Inquiring the guest information using the "keyTrack2" data means that the partner system	getReservation getReservations by RoomId `GET {{HostName}}/rsv/v1/hotels/{{HotelId}}/reservations?searchType=InHouse&roomId=203` `200 Response:` `{ "reservations": { "reservationInfo": [{ "reservationIdList": [{ "id": "147763", "type": "Reservation" }, { "id": "2256244", "type": "Confirmation" }], "roomStay": { "arrivalDate": "2024-01-08", "departureDate": "2024-01-11", "originalTimeSpan": { "startDate": "2024-01-08", "endDate": "2024-01-11" }, "expectedTimes": { "reservationExpectedArrivalTime": "2024-01-08 05:06:47.0", "reservationExpectedDepartureTime": "2024-01-11" }, "adultCount": 2, "childCount": 0, "roomClass": "STD", "roomType": "DBL", "numberOfRooms": 1, "roomId": "203", "roomOwnershipType": "Regular", "ratePlanCode": "USRATE", "rateAmount": { "amount": 250, "currencyCode": "USD" },` `"reservationExpectedArrivalTime": "2024-01-08 05:06:47.0",` `"reservationExpectedDepartureTime": "2024-01-11"`

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Table 3-3 (Cont.) Workflow for Retrieving Reservation Information

	Description of Steps	operationId

	reads a specific information string from the guests room key (media) and sends the data as a "keyTrack2" query parameter in the getReservations operation.
	This functionality requires that the connected door lock system provides the same data string to OPERA Cloud PMS during the room key creation/activation.
	In all above cases, OPERA Cloud sends related guest or reservation information back in the API response. With this information, the partner system can then send the charge to the guest's account using the postBillingCharges API operation.
	Note
	Partner systems that subscribe t
		<pre>"rateSuppressed": false,
		"bookingChannelCode": "PMS",
		"fixedRate": false,
		"guarantee": {
		"guaranteeCode": "CHECKED IN",
		"shortDescription": "Checked In"
		},
		"balance": {
		"amount": 0,
		"currencyCode": "USD"
		},
		"roomTypeCharged": "DBL",
		"roomNumberLocked": false,
		"pseudoRoom": false
		},
		"reservationGuest": {
		"givenName": "Jignesh",
		"surname": "Jain",
		"language": "EN",
		"vip": {},
		"address": {
		"country": {
		"code": "US"
		}
		},
		"anonymization": {},
		"accompanyGuests": [],
		"guestRestricted": false,
		"nameType": "Guest",
		"id": "842813",
		"type": "Profile"
		},
		"sharedGuests": [],
		"attachedProfiles": [],
		"reservationPaymentMethod": {
		"paymentMethod": "CA"
		},
		"reservationFolioWindows": [],
		"commissionsInfo": {
		"commissionsPaid": false
		},
		"reservationIndicators": [
		{
		"indicatorName": "NOPOST"
		},
		{
		"indicatorName":</pre>

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Table 3-3 (Cont.) Workflow for Retrieving Reservation Information

Description of Steps	operationId

receiving reservation information using the CHECK-IN BusinessEve	"DEPOSITCANCELLATION",
	"count": 1
	},
	{
	"indicatorName":
	"HISTORYFUTURE",
	"count": 1
	},
	{
	"indicatorName":
	"COMMUNICATION",
	"count": 2
	},
	{
	"indicatorName":
	"ASSOCIATEDPROFILES",
	"count": 1
	}
	],
	"roomStatus": "Inspected",
	"sourceOfSale": {
	"sourceType": "PMS",
	"sourceCode": "SAND01CN"
	},
	"waitlist": {},
	"advanceCheckIn": {
	"advanceCheckedIn": false
	},
	"hotelId": "SAND01CN",
	"hotelName": "OHIP Sandbox 1",
	"roomStayReservation": true,
	"createDateTime": "2024-01-08
	05:04:54.0",
	"lastModifyDateTime": "2024-01-08
	05:06:47.0",
	"reservationStatus": "InHouse",
	"computedReservationStatus":
	"InHouse",
	"walkInIndicator": false,
	"commissionPayoutTo": "None",
	"paymentMethod": "CA",
	"preRegistered": false,
	"openFolio": false,
	"allowMobileCheckout": false,
	"optedForCommunication": false
	}
	],
	"totalPages": 1,
	"offset": 20,

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Table 3-3 (Cont.) Workflow for Retrieving Reservation Information

	Description of Steps	operationId

	ntdonotnecessarilyneedtousethegetReservationsoperationprior	"limit": 20,
		"hasMore": false,
		"totalResults": 1
		},
		"links": [
		{
		"href": "https://mtucn1uat.hospitality-api.us-ashburn-1.ocs.oc-test.com/rsv/v1/hotels/SAND01CN/reservations",
		"rel": "other",
		"templated": false,
		"method": "POST",
		"operationId": "postReservation"
		},
		{
		"href": "https://mtucn1uat.hospitality-api.us-ashburn-1.ocs.oc-test.com/rsv/v1/hotels/SAND01CN/reservations/147763",
		"rel": "self",
		"templated": false,
		"method": "GET",
		"operationId": "getReservation"
		},
		{
		"href": "https://mtucn1uat.hospitality-api.us-ashburn-1.ocs.oc-test.com/rsv/v1/hotels/SAND01CN/reservations/147763",
		"rel": "self",
		"templated": false,
		"method": "PUT",
		"operationId": "putReservation"
		}
		]
		}
		
		getReservations by Surname
		
		GET {{HostName}}/rsv/v1/hotels/{{HotelId}}/reservations?
		surname=Jain&searchType=InHouse&=Reservation
		
		200 Response:
		
		Note: this example returns 2 Results = 2 reservations checked in with Surname = "JAIN"

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Table 3-3 (Cont.) Workflow for Retrieving Reservation Information

	Description of Steps	operationId

	to sending charges.
	
	However, the getReservations operation will confirm the reservation is really checked in at the time of sending the charge.
		{
		"reservations": {
		"reservationInfo": [
		{
		"reservationIdList": [
		{
		"id": "147764",
		"type": "Reservation"
		},
		{
		"id": "2256306",
		"type": "Confirmation"
		}
		],
		"roomStay": {
		"arrivalDate": "2024-01-08",
		"departureDate": "2024-01-11",
		"originalTimeSpan": {
		"startDate": "2024-01-08",
		"endDate": "2024-01-11"
		},
		"expectedTimes": {
		"reservationExpectedArrivalTime": "2024-01-08 05:19:27.0",
		"reservationExpectedDepartureTime": "2024-01-11"
		},
		"adultCount": 2,
		"childCount": 0,
		"roomClass": "STD",
		"roomType": "DBL",
		"numberOfRooms": 1,
		"roomId": "204",
		"roomOwnershipType": "Regular",
		"ratePlanCode": "USRATE",
		"rateAmount": {
		"amount": 250,
		"currencyCode": "USD"
		},
		"rateSuppressed": false,
		"bookingChannelCode": "PMS",
		"fixedRate": false,
		"guarantee": {
		"guaranteeCode": "CHECKED IN",
		"shortDescription": "Checked In"
		},

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Table 3-3 (Cont.) Workflow for Retrieving Reservation Information

	Description of Steps	operationId

		"balance": {
		"amount": 0,
		"currencyCode": "USD"
		},
		"roomTypeCharged": "DBL",
		"roomNumberLocked": false,
		"pseudoRoom": false
		},
		"reservationGuest": {
		"givenName": "Jignesh",
		"surname": "Jain",
		"language": "EN",
		"vip": {},
		"address": {
		"country": {
		"code": "US"
		}
		},
		"anonymization": {},
		"accompanyGuests": [],
		"guestRestricted": false,
		"nameType": "Guest",
		"id": "842815",
		"type": "Profile"
		},
		"sharedGuests": [],
		"attachedProfiles": [],
		"reservationPaymentMethod": {
		"paymentMethod": "CA"
		},
		"reservationFolioWindows": [],
		"commissionsInfo": {
		"commissionsPaid": false
		},
		"reservationIndicators": [
		{
		"indicatorName": "NOPOST"
		},
		{
		"indicatorName":
		"DEPOSITCANCELLATION",
		"count": 1
		},
		{
		"indicatorName":
		"HISTORYFUTURE",
		"count": 1
		},
		{

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Table 3-3 (Cont.) Workflow for Retrieving Reservation Information

	Description of Steps	operationId
		"indicatorName": "COMMUNICATION", "count": 2 }, { "indicatorName": "ASSOCIATEDPROFILES", "count": 1 }], "roomStatus": "Inspected", "sourceOfSale": { "sourceType": "PMS", "sourceCode": "SAND01CN" }, "waitlist": {}, "advanceCheckIn": { "advanceCheckedIn": false }, "hotelId": "SAND01CN", "hotelName": "OHIP Sandbox 1", "roomStayReservation": true, "createDateTime": "2024-01-08 05:17:59.0", "lastModifyDateTime": "2024-01-08 05:19:27.0", "reservationStatus": "InHouse", "computedReservationStatus": "InHouse", "walkInIndicator": false, "commissionPayoutTo": "None", "paymentMethod": "CA", "preRegistered": false, "openFolio": false, "allowMobileCheckout": false, "optedForCommunication": false }, { "reservationIdList": [{ "id": "147763", "type": "Reservation" }, { "id": "2256244", "type": "Confirmation" }], "roomStay": {

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Table 3-3 (Cont.) Workflow for Retrieving Reservation Information

	Description of Steps	operationId

		"arrivalDate": "2024-01-08",
		"departureDate": "2024-01-11",
		"originalTimeSpan": {
		"startDate": "2024-01-08",
		"endDate": "2024-01-11"
		},
		"expectedTimes": {
		
		"reservationExpectedArrivalTime": "2024-01-08
		05:06:47.0",
		
		"reservationExpectedDepartureTime": "2024-01-11"
		},
		"adultCount": 2,
		"childCount": 0,
		"roomClass": "STD",
		"roomType": "DBL",
		"numberOfRooms": 1,
		"roomId": "203",
		"roomOwnershipType": "Regular",
		"ratePlanCode": "USRATE",
		"rateAmount": {
		"amount": 250,
		"currencyCode": "USD"
		},
		"rateSuppressed": false,
		"bookingChannelCode": "PMS",
		"fixedRate": false,
		"guarantee": {
		"guaranteeCode": "CHECKED
		IN",
		
		"shortDescription":
		"Checked In"
		},
		"balance": {
		"amount": 0,
		"currencyCode": "USD"
		},
		"roomTypeCharged": "DBL",
		"roomNumberLocked": false,
		"pseudoRoom": false
		},
		"reservationGuest": {
		"givenName": "Jignesh",
		"surname": "Jain",
		"language": "EN",
		"vip": {},
		"address": {
		"country": {

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Table 3-3 (Cont.) Workflow for Retrieving Reservation Information

	Description of Steps	operationId

		"code": "US"
		}
		},
		"anonymization": {},
		"accompanyGuests": [],
		"guestRestricted": false,
		"nameType": "Guest",
		"id": "842813",
		"type": "Profile"
		},
		"sharedGuests": [],
		"attachedProfiles": [],
		"reservationPaymentMethod": {
		"paymentMethod": "CA"
		},
		"reservationFolioWindows": [],
		"commissionsInfo": {
		"commissionsPaid": false
		},
		"reservationIndicators": [
		{
		"indicatorName": "NOPOST"
		},
		{
		"indicatorName":
		"DEPOSITCANCELLATION",
		"count": 1
		},
		{
		"indicatorName":
		"HISTORYFUTURE",
		"count": 1
		},
		{
		"indicatorName":
		"COMMUNICATION",
		"count": 2
		},
		{
		"indicatorName":
		"ASSOCIATEDPROFILES",
		"count": 1
		}
		],
		"roomStatus": "Inspected",
		"sourceOfSale": {
		"sourceType": "PMS",
		"sourceCode": "SAND01CN"
		},

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Table 3-3 (Cont.) Workflow for Retrieving Reservation Information

	Description of Steps	operationId

		"waitlist": {},
		"advanceCheckIn": {
		"advanceCheckedIn": false
		},
		"hotelId": "SAND01CN",
		"hotelName": "OHIP Sandbox 1",
		"roomStayReservation": true,
		"createDateTime": "2024-01-08 05:04:54.0",
		"lastModifyDateTime": "2024-01-08 05:06:47.0",
		"reservationStatus": "InHouse",
		"computedReservationStatus": "InHouse",
		"walkInIndicator": false,
		"commissionPayoutTo": "None",
		"paymentMethod": "CA",
		"preRegistered": false,
		"openFolio": false,
		"allowMobileCheckout": false,
		"optedForCommunication": false
		}
		],
		"totalPages": 1,
		"offset": 20,
		"limit": 20,
		"hasMore": false,
		"totalResults": 2
		},
		"links": [
		{
		"href": "https://mtucn1uat.hospitality-api.us-ashburn-1.ocs.oc-test.com/rsv/v1/hotels/SAND01CN/reservations",
		"rel": "other",
		"templated": false,
		"method": "POST",
		"operationId": "postReservation"
		},
		{
		"href": "https://mtucn1uat.hospitality-api.us-ashburn-1.ocs.oc-test.com/rsv/v1/hotels/SAND01CN/reservations/147764",
		"rel": "self",
		"templated": false,
		"method": "GET",
		"operationId": "getReservation"
		},
		{

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Table 3-3 (Cont.) Workflow for Retrieving Reservation Information

	Description of Steps	operationId

		"href": "https://mtucn1uat.hospitality-api.us-ashburn-1.ocs.oc-test.com/rsv/v1/hotels/SAND01CN/reservations/147764",
		"rel": "self",
		"templated": false,
		"method": "PUT",
		"operationId": "putReservation"
		}
		]
		}
		
		getReservations by First letters of a surname
		
		GET {{HostName}}/rsv/v1/hotels/{{HotelId}}/reservations?searchType=InHouse&=Reservation&surname=Sa
		
		200 Response:
		
		{
		"reservations": {
		"reservationInfo": [
		{
		"reservationIdList": [
		{
		"id": "147749",
		"type": "Reservation"
		},
		{
		"id": "2255736",
		"type": "Confirmation"
		}
		],
		"roomStay": {
		"arrivalDate": "2024-01-08",
		"departureDate": "2024-01-08",
		"originalTimeSpan": {
		"startDate": "2024-01-08",
		"endDate": "2024-01-08"
		},
		"expectedTimes": {
		
		"reservationExpectedArrivalTime": "2024-01-07 21:59:31.0",
		
		"reservationExpectedDepartureTime": "2024-01-08"
		},
		"adultCount": 1,

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Table 3-3 (Cont.) Workflow for Retrieving Reservation Information

	Description of Steps	operationId

		"childCount": 0,
		"roomClass": "STD",
		"roomType": "ECO",
		"numberOfRooms": 1,
		"roomId": "631",
		"roomOwnershipType": "Regular",
		"ratePlanCode": "BAR",
		"rateAmount": {
		"amount": 100,
		"currencyCode": "USD"
		},
		"rateSuppressed": false,
		"bookingChannelCode": "PMS",
		"fixedRate": true,
		"guarantee": {
		"guaranteeCode": "CHECKED IN",
		"shortDescription": "Checked In"
		},
		"marketCode": "LEISURE",
		"sourceCode": "PHONE",
		"sourceCodeDescription": "Telephone",
		"balance": {
		"amount": 0,
		"currencyCode": "USD"
		},
		"roomTypeCharged": "ECO",
		"roomNumberLocked": false,
		"pseudoRoom": false
		},
		"reservationGuest": {
		"givenName": "Sahil",
		"middleName": "Ku.",
		"surname": "Sahoo",
		"language": "E",
		"vip": {},
		"address": {
		"country": {}
		},
		"anonymization": {},
		"accompanyGuests": [],
		"guestRestricted": false,
		"nameType": "Guest",
		"id": "842782",
		"type": "Profile"
		},
		"sharedGuests": [],

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Table 3-3 (Cont.) Workflow for Retrieving Reservation Information

	Description of Steps	operationId

		"attachedProfiles": [],
		"reservationPaymentMethod": {
		"paymentMethod": "CA"
		},
		"reservationFolioWindows": [],
		"commissionsInfo": {
		"commissionsPaid": false
		},
		"reservationIndicators": [
		{
		"indicatorName": "NOPOST"
		},
		{
		"indicatorName": "COMMENT",
		"count": 1
		},
		{
		"indicatorName":
		"PACKAGEITEM",
		"count": 1
		},
		{
		"indicatorName":
		"DEPOSITCANCELLATION",
		"count": 1
		},
		{
		"indicatorName":
		"HISTORYFUTURE",
		"count": 1
		},
		{
		"indicatorName":
		"COMMUNICATION",
		"count": 1
		},
		{
		"indicatorName":
		"ASSOCIATEDPROFILES",
		"count": 1
		}
		],
		"roomStatus": "Inspected",
		"sourceOfSale": {
		"sourceType": "PMS",
		"sourceCode": "SAND01CN"
		},
		"waitlist": {},
		"advanceCheckIn": {

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Table 3-3 (Cont.) Workflow for Retrieving Reservation Information

	Description of Steps	operationId

		"advanceCheckedIn": false
		},
		"hotelId": "SAND01CN",
		"hotelName": "OHIP Sandbox 1",
		"roomStayReservation": true,
		"createDateTime": "2024-01-07 21:58:36.0",
		"lastModifyDateTime": "2024-01-07 22:04:19.0",
		"reservationStatus": "InHouse",
		"computedReservationStatus": "DueOut",
		"walkInIndicator": false,
		"commissionPayoutTo": "None",
		"paymentMethod": "CA",
		"preRegistered": false,
		"openFolio": false,
		"allowMobileCheckout": false,
		"optedForCommunication": false
		}
		],
		"totalPages": 1,
		"offset": 20,
		"limit": 20,
		"hasMore": false,
		"totalResults": 1
		},
		"links": [
		{
		"href": "https://mtucn1uat.hospitality-api.us-ashburn-1.ocs.oc-test.com/rsv/v1/hotels/SAND01CN/reservations",
		"rel": "other",
		"templated": false,
		"method": "POST",
		"operationId": "postReservation"
		},
		{
		"href": "https://mtucn1uat.hospitality-api.us-ashburn-1.ocs.oc-test.com/rsv/v1/hotels/SAND01CN/reservations/147749",
		"rel": "self",
		"templated": false,
		"method": "GET",
		"operationId": "getReservation"
		},
		{
		"href": "https://mtucn1uat.hospitality-api.us-ashburn-1.ocs.oc-test.com/rsv/v1/hotels/

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Table 3-3 (Cont.) Workflow for Retrieving Reservation Information

	Description of Steps	operationId

		SAND01CN/reservations/147749",
		"rel": "self",
		"templated": false,
		"method": "PUT",
		"operationId": "putReservation"
		}
		]
		}
		
		getReservations by keysTrack2
		
		GET {{HostName}}/rsv/v1/hotels/{{HotelId}}/
		reservations?
		keyTrack2=1000023456789009502 5&searchType=InHouse
		
		200 Response:
		
		{
		"reservations": {
		"reservationInfo": [
		{
		"reservationIdList": [
		{
		"id": "147774",
		"type": "Reservation"
		},
		{
		"id": "2256485",
		"type": "Confirmation"
		}
		],
		"roomStay": {
		"arrivalDate": "2024-01-09",
		"departureDate": "2024-04-17",
		"originalTimeSpan": {
		"startDate": "2024-01-09",
		"endDate": "2024-04-17"
		},
		"expectedTimes": {
		
		"reservationExpectedArrivalTime": "2024-01-08
		22:50:12.0",
		
		"reservationExpectedDepartureTime": "2024-04-17"
		},
		"adultCount": 1,

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Table 3-3 (Cont.) Workflow for Retrieving Reservation Information

	Description of Steps	operationId

		"childCount": 0,
		"roomClass": "STD",
		"roomType": "ECO",
		"numberOfRooms": 1,
		"roomId": "670",
		"roomOwnershipType": "Regular",
		"ratePlanCode": "OPTTOOPR5",
		"rateAmount": {
		"amount": 100,
		"currencyCode": "EUR"
		},
		"rateSuppressed": false,
		"bookingChannelCode": "PMS",
		"fixedRate": false,
		"guarantee": {
		"guaranteeCode": "CHECKED IN",
		"shortDescription": "Checked In"
		},
		"marketCode": "INTERNAL",
		"sourceCode": "INTERNAL",
		"sourceCodeDescription": "Internal reservation",
		"balance": {
		"amount": 0,
		"currencyCode": "USD"
		},
		"roomTypeCharged": "ECO",
		"roomNumberLocked": false,
		"pseudoRoom": false
		},
		"reservationGuest": {
		"givenName": "Do NOT CHANGE",
		"surname": "KeyCardTrack2",
		"language": "E",
		"vip": {},
		"address": {
		"country": {
		"code": "GB"
		}
		},
		"anonymization": {},
		"accompanyGuests": [],
		"guestRestricted": false,
		"nameType": "Guest",
		"id": "842847",
		"type": "Profile"
		},

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Table 3-3 (Cont.) Workflow for Retrieving Reservation Information

	Description of Steps	operationId

		"sharedGuests": [],
		"attachedProfiles": [],
		"reservationPaymentMethod": {
		"paymentMethod": "CA"
		},
		"reservationFolioWindows": [],
		"commissionsInfo": {
		"commissionsPaid": false
		},
		"reservationIndicators": [
		{
		"indicatorName": "NOPOST"
		},
		{
		"indicatorName": "COMMENT",
		"count": 1
		},
		{
		"indicatorName":
		"DEPOSITCANCELLATION",
		"count": 1
		},
		{
		"indicatorName":
		"HISTORYFUTURE",
		"count": 1
		},
		{
		"indicatorName":
		"COMMUNICATION",
		"count": 1
		},
		{
		"indicatorName":
		"ASSOCIATEDPROFILES",
		"count": 1
		}
		],
		"roomStatus": "Inspected",
		"sourceOfSale": {
		"sourceType": "PMS",
		"sourceCode": "SAND01CN"
		},
		"waitlist": {},
		"advanceCheckIn": {
		"advanceCheckedIn": false
		},
		"hotelId": "SAND01CN",
		"hotelName": "OHIP Sandbox 1",

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Table 3-3 (Cont.) Workflow for Retrieving Reservation Information

	Description of Steps	operationId

		"roomStayReservation": true,
		"createDateTime": "2024-01-08 21:17:35.0",
		"lastModifyDateTime": "2024-01-08 22:52:53.0",
		"reservationStatus": "InHouse",
		"computedReservationStatus": "Walkin",
		"walkInIndicator": true,
		"commissionPayoutTo": "None",
		"paymentMethod": "CA",
		"preRegistered": false,
		"openFolio": false,
		"allowMobileCheckout": false,
		"optedForCommunication": false
		}
		],
		"totalPages": 1,
		"offset": 20,
		"limit": 20,
		"hasMore": false,
		"totalResults": 1
		},
		"links": [
		{
		"href": "https://mtucn1uat.hospitality-api.us-ashburn-1.ocs.oc-test.com/rsv/v1/hotels/SAND01CN/reservations",
		"rel": "other",
		"templated": false,
		"method": "POST",
		"operationId": "postReservation"
		},
		{
		"href": "https://mtucn1uat.hospitality-api.us-ashburn-1.ocs.oc-test.com/rsv/v1/hotels/SAND01CN/reservations/147774",
		"rel": "self",
		"templated": false,
		"method": "GET",
		"operationId": "getReservation"
		},
		{
		"href": "https://mtucn1uat.hospitality-api.us-ashburn-1.ocs.oc-test.com/rsv/v1/hotels/SAND01CN/reservations/147774",
		"rel": "self",
		"templated": false,
		"method": "PUT",

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Table 3-3 (Cont.) Workflow for Retrieving Reservation Information

	Description of Steps	operationId
		"operationId": "putReservation" }] }

Post Point-of-Sale (POS), Golf, SPA, or HSIA In-Room Internet Charges to the Guest Account

Posting Charges with Multiple Sub-Amounts

Following an inquiry to determine if the reservation is still checked in, this operation posts charges with multiple sub-amounts for one guest check.

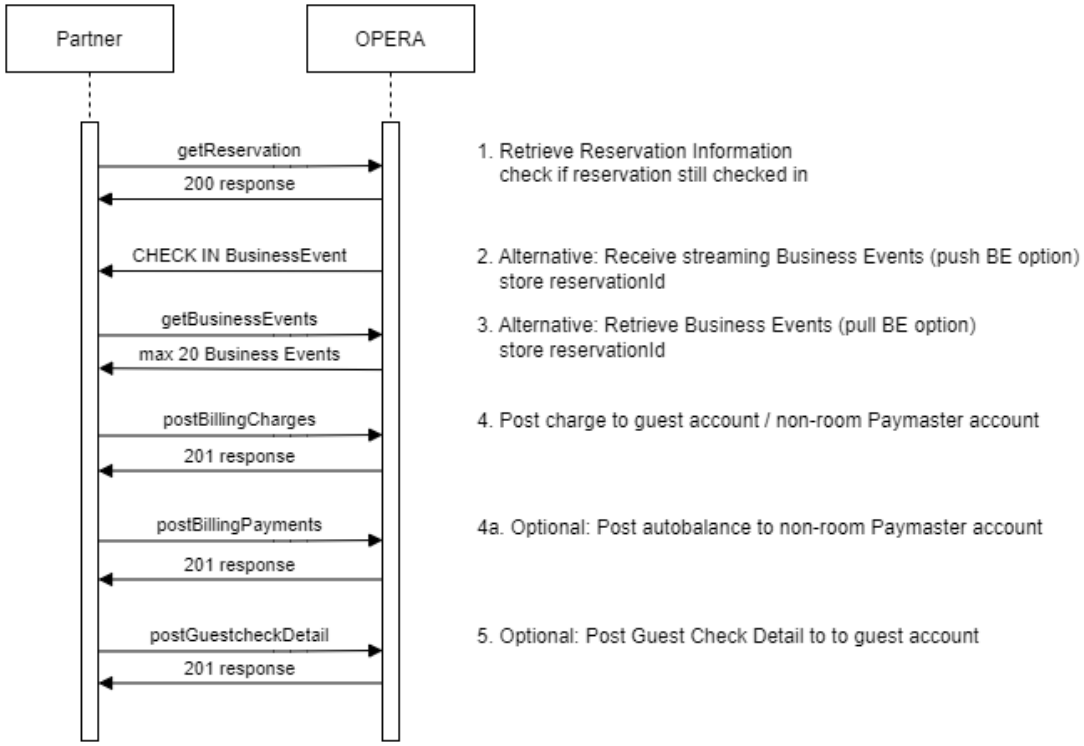
To post billing charges from a Point-of-Sale (POS), Golf, SPA, or HSIA System, use the **postBillingCharges** operation.

This operation facilitates the ability to send charges to a specific guest account or paymaster account.

Typically used by Point-Of-Sale systems, Spa Systems, Golf Systems, and HSIA Systems where the system verifies if the guest/reservation is checked in before sending the posting record to the confirmed account.

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Figure 3-4 Posting Charges to Guest Account



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Table 3-4 Workflow for Posting Charges to Guest Account

	Description of Steps	Operation

1	**Retrieve reservation information by RoomId.**
	The getReservation query provides all necessary reservation information needed to perform post charges operations, such as the reservationId, the roomId, the guest name, and reservation status at the time of query.
	The partner system user confirms the reservation information is correct as received from the guest.
		getReservation by RoomId
		
		`GET {{HostName}}/rsv/v1/hotels/{{HotelId}}/reservations?searchType=InHouse&roomId=203`
		
		`200 Response:`
		
		`{ "reservations": { "reservationInfo": [{ "reservationIdList": [{ "id": "147763", "type": "Reservation" }, { "id": "2256244", "type": "Confirmation" }], "roomStay": { "arrivalDate": "2024-01-08", "departureDate": "2024-01-11", "originalTimeSpan": { "startDate": "2024-01-08", "endDate": "2024-01-11" }, "expectedTimes": { "reservationExpectedArrivalTime": "2024-01-08 05:06:47.0", "reservationExpectedDepartureTime": "2024-01-11" }, "adultCount": 2, "childCount": 0, "roomClass": "STD", "roomType": "DBL", "numberOfRooms": 1, "roomId": "203", "roomOwnershipType": "Regular", "ratePlanCode": "USRATE", "rateAmount": { "amount": 250, "currencyCode": "USD" }, "rateSuppressed": false, "bookingChannelCode": "PMS", "fixedRate": false,`

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Table 3-4 (Cont.) Workflow for Posting Charges to Guest Account

	Description of Steps	Operation

		<pre>"guarantee": {
		"guaranteeCode": "CHECKED IN",
		"shortDescription": "Checked In"
		},
		"balance": {
		"amount": 0,
		"currencyCode": "USD"
		},
		"roomTypeCharged": "DBL",
		"roomNumberLocked": false,
		"pseudoRoom": false
		},
		"reservationGuest": {
		"givenName": "Jignesh",
		"surname": "Jain",
		"language": "EN",
		"vip": {},
		"address": {
		"country": {
		"code": "US"
		}
		},
		"anonymization": {},
		"accompanyGuests": [],
		"guestRestricted": false,
		"nameType": "Guest",
		"id": "842813",
		"type": "Profile"
		},
		"sharedGuests": [],
		"attachedProfiles": [],
		"reservationPaymentMethod": {
		"paymentMethod": "CA"
		},
		"reservationFolioWindows": [],
		"commissionsInfo": {
		"commissionsPaid": false
		},
		"reservationIndicators": [
		{
		"indicatorName": "NOPOST"
		},
		{
		"indicatorName": "DEPOSITCANCELLATION",
		"count": 1
		},</pre>

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Table 3-4 (Cont.) Workflow for Posting Charges to Guest Account

	Description of Steps	Operation

		<pre>{
		"indicatorName": "HISTORYFUTURE",
		"count": 1
		},
		{
		"indicatorName": "COMMUNICATION",
		"count": 2
		},
		{
		"indicatorName": "ASSOCIATEDPROFILES",
		"count": 1
		}
		],
		"roomStatus": "Inspected",
		"sourceOfSale": {
		"sourceType": "PMS",
		"sourceCode": "SAND01CN"
		},
		"waitlist": {},
		"advanceCheckIn": {
		"advanceCheckedIn": false
		},
		"hotelId": "SAND01CN",
		"hotelName": "OHIP Sandbox 1",
		"roomStayReservation": true,
		"createDateTime": "2024-01-08 05:04:54.0",
		"lastModifyDateTime": "2024-01-08 05:06:47.0",
		"reservationStatus": "InHouse",
		"computedReservationStatus": "InHouse",
		"walkInIndicator": false,
		"commissionPayoutTo": "None",
		"paymentMethod": "CA",
		"preRegistered": false,
		"openFolio": false,
		"allowMobileCheckout": false,
		"optedForCommunication": false
		}
		],
		"totalPages": 1,
		"offset": 20,
		"limit": 20,
		"hasMore": false,
		"totalResults": 1</pre>

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Table 3-4 (Cont.) Workflow for Posting Charges to Guest Account

	Description of Steps	Operation

		<pre> },
		    "links": [
		        {
		            "href": "https://mtucn1uat.hospitality-
		api.us-ashburn-1.ocs.oc-test.com/rsv/v1/hotels/
		SAND01CN/reservations",
		            "rel": "other",
		            "templated": false,
		            "method": "POST",
		            "operationId": "postReservation"
		        },
		        {
		            "href": "https://mtucn1uat.hospitality-
		api.us-ashburn-1.ocs.oc-test.com/rsv/v1/hotels/
		SAND01CN/reservations/147763",
		            "rel": "self",
		            "templated": false,
		            "method": "GET",
		            "operationId": "getReservation"
		        },
		        {
		            "href": "https://mtucn1uat.hospitality-
		api.us-ashburn-1.ocs.oc-test.com/rsv/v1/hotels/
		SAND01CN/reservations/147763",
		            "rel": "self",
		            "templated": false,
		            "method": "PUT",
		            "operationId": "putReservation"
		        }
		    ]
		}</pre>

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Table 3-4 (Cont.) Workflow for Posting Charges to Guest Account

	Description of Steps	Operation

2	**Alternative: Partner retrieving the notification of reservation checked in using the Streaming Business Event** (push BE option).
	Store the reservationId out of the CHECK IN Business Event.
	The reservationId is in the "primaryKey" field of the BE.
	Ensure that the "primaryKey" element is requested within the Streaming Business Event setup 'subscribe' request.
		Streaming CHECK IN Business Event
		Check In BE using Streaming BE
		
		`{`
		`"id": "1",`
		`"type": "next",`
		`"payload": {`
		`"data": {`
		`"newEvent": {`
		`"metadata": {`
		`"offset": "1099511750874"`
		`},`
		`"moduleName": "RESERVATION",`
		`"eventName": "CHECK IN",`
		`"hotelId": "SAND01CN",`
		`"primaryKey": "158169",`
		`"detail": [`
		`{`
		`"elementName": "NAME",`
		`"oldValue": "LastName",`
		`"newValue": "LastName"`
		`},`
		`{`
		`"elementName": "FIRST NAME",`
		`"oldValue": "FirstName",`
		`"newValue": "FirstName"`
		`},`
		`{`
		`"elementName": "MIDDLE NAME",`
		`"oldValue": "",`
		`"newValue": ""`
		`},`
		`{`
		`"elementName": "CONFIRMATION NO",`
		`"oldValue": "2474840",`
		`"newValue": "2474840"`
		`},`
		`{`
		`"elementName": "CONFIRMATION LEG NO",`
		`"oldValue": "1",`
		`"newValue": "1"`
		`},`
		`{`
		`"elementName": "TRAVEL AGENT NAME",`
		`"oldValue": "",`
		`"newValue": ""`

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Table 3-4 (Cont.) Workflow for Posting Charges to Guest Account

	Description of Steps	Operation
		}, { "elementName": "COMPANY NAME", "oldValue": "", "newValue": "" }, { "elementName": "SOURCE NAME", "oldValue": "", "newValue": "" }, { "elementName": "GROUP NAME", "oldValue": "", "newValue": "" }, { "elementName": "PARTY CODE", "oldValue": "", "newValue": "" }, { "elementName": "TRAVEL AGENT NAME ID", "oldValue": "", "newValue": "" }, { "elementName": "COMPANY NAME ID", "oldValue": "", "newValue": "" }, { "elementName": "SOURCE NAME ID", "oldValue": "", "newValue": "" }, { "elementName": "GROUP NAME ID", "oldValue": "", "newValue": "" }, { "elementName": "GUEST NAME

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Table 3-4 (Cont.) Workflow for Posting Charges to Guest Account

	Description of Steps	Operation
		ID", "oldValue": "859098", "newValue": "859098" }, { "elementName": "RESERVATION STATUS", "oldValue": "CHECKED IN", "newValue": "CHECKED IN" }, { "elementName": "ARRIVAL DATE", "oldValue": "2024-03-21", "newValue": "2024-03-21" }, { "elementName": "ARRIVAL TIME", "oldValue": "23:34:45", "newValue": "23:34:45" }, { "elementName": "LENGTH OF STAY", "oldValue": "1", "newValue": "1" }, { "elementName": "DEPARTURE DATE", "oldValue": "2024-03-22", "newValue": "2024-03-22" }, { "elementName": "ADVANCE CHECKED IN YN", "oldValue": "N", "newValue": "N" }, { "elementName": "EXPECTED TIME OF RETURN", "oldValue": "", "newValue": "" }, { "elementName": "ETR COMMENTS",

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Table 3-4 (Cont.) Workflow for Posting Charges to Guest Account

	Description of Steps	Operation
		"oldValue": "", "newValue": "" }, { "elementName": "OPTED FOR COMM YN", "oldValue": "", "newValue": "" }, { "elementName": "CREDIT LIMIT AUTO PAY ALLOW YN", "oldValue": "", "newValue": "" }, { "elementName": "CHECKOUT TIME", "oldValue": "00:00:00", "newValue": "00:00:00" }, { "elementName": "NUMBER OF ROOMS", "oldValue": "1", "newValue": "1" }, { "elementName": "ROOM TYPE", "oldValue": "SUP", "newValue": "SUP" }, { "elementName": "RTC", "oldValue": "SUP", "newValue": "SUP" }, { "elementName": "ROOM", "oldValue": "403", "newValue": "403" }, { "elementName": "MEMBERSHIP NUMBER", "oldValue": "", "newValue": "" }, {

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Table 3-4 (Cont.) Workflow for Posting Charges to Guest Account

	Description of Steps	Operation
		"elementName": "MEMBERSHIP TYPE", "oldValue": "", "newValue": "" }, { "elementName": "AWARD CODE 1", "oldValue": "", "newValue": "" }, { "elementName": "AWARD VOUCHER 1", "oldValue": "", "newValue": "" }, { "elementName": "GP_ELIGIBILITY", "oldValue": "", "newValue": "" }, { "elementName": "ADULTS", "oldValue": "1", "newValue": "1" }, { "elementName": "CHILDREN", "oldValue": "1", "newValue": "1" }, { "elementName": "CURRENCY CODE", "oldValue": "USD", "newValue": "USD" }, { "elementName": "MARKET CODE", "oldValue": "BUSINESS", "newValue": "BUSINESS" }, { "elementName": "RATE AMOUNT", "oldValue": "200",

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Table 3-4 (Cont.) Workflow for Posting Charges to Guest Account

	Description of Steps	Operation
		"newValue": "200" }, { "elementName": "RATE CODE", "oldValue": "USRATE", "newValue": "USRATE" }, { "elementName": "SOURCE CODE", "oldValue": "SAND01CN", "newValue": "SAND01CN" }, { "elementName": "CONNECTING YN", "oldValue": "N", "newValue": "N" }, { "elementName": "FIXED RATE", "oldValue": "N", "newValue": "N" }, { "elementName": "PRINT RATE YN", "oldValue": "Y", "newValue": "Y" }, { "elementName": "BLOCK CODE", "oldValue": "", "newValue": "" }, { "elementName": "RESERVATION TYPE", "oldValue": "CHECKED IN", "newValue": "CHECKED IN" }, { "elementName": "ORIGIN", "oldValue": "", "newValue": "" }, { "elementName": "EXT SEG NO", "oldValue": "",

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Table 3-4 (Cont.) Workflow for Posting Charges to Guest Account

	Description of Steps	Operation
		"newValue": "" }, { "elementName": "SHARE YN", "oldValue": "N", "newValue": "N" }, { "elementName": "PAYMENT METHOD", "oldValue": "CA", "newValue": "CA" }, { "elementName": "PAYMENT METHOD DESC", "oldValue": "Cash", "newValue": "Cash" }, { "elementName": "CREDIT CARD NUMBER", "oldValue": "", "newValue": "" }, { "elementName": "CREDIT CARD EXPIRATION DATE", "oldValue": "", "newValue": "" }, { "elementName": "AUTHORIZER", "oldValue": "", "newValue": "" }, { "elementName": "EXTERNAL USER ID", "oldValue": "", "newValue": "" }, { "elementName": "CREDIT CARD TYPE", "oldValue": "", "newValue": "" }, {

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Table 3-4 (Cont.) Workflow for Posting Charges to Guest Account

	Description of Steps	Operation
		"elementName": "DISCOUNT AMOUNT", "oldValue": "", "newValue": "" }, { "elementName": "DISCOUNT PERCENT", "oldValue": "", "newValue": "" }, { "elementName": "DISCOUNT REASON", "oldValue": "", "newValue": "" }, { "elementName": "SPECIAL REQUEST", "oldValue": "", "newValue": "" }, { "elementName": "ROOM FEATURES", "oldValue": "", "newValue": "" }, { "elementName": "PRODUCTS", "oldValue": "", "newValue": "" }, { "elementName": "PROMOTIONS", "oldValue": "", "newValue": "" }, { "elementName": "NO POST", "oldValue": "N", "newValue": "N" }, { "elementName": "VIDEO CHECKOUT", "oldValue": "N", "newValue": "N"

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Table 3-4 (Cont.) Workflow for Posting Charges to Guest Account

	Description of Steps	Operation
		}, { "elementName": "AUTHORIZE DIRECT BILL", "oldValue": "N", "newValue": "N" }, { "elementName": "YIELD MARKET TYPE", "oldValue": "", "newValue": "" }, { "elementName": "TAX TYPE", "oldValue": "", "newValue": "" }, { "elementName": "ARRIVAL TRANSPORT TYPE", "oldValue": "", "newValue": "" }, { "elementName": "ARRIVAL STATION CODE", "oldValue": "", "newValue": "" }, { "elementName": "ARRIVAL CARRIER CODE", "oldValue": "", "newValue": "" }, { "elementName": "ARRIVAL TRANSPORT CODE", "oldValue": "", "newValue": "" }, { "elementName": "ARRIVAL DATETIME", "oldValue": "", "newValue": "" }, {

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Table 3-4 (Cont.) Workflow for Posting Charges to Guest Account

	Description of Steps	Operation
		"elementName": "ARRIVAL TRANSPORT TIME", "oldValue": "", "newValue": "" }, { "elementName": "ARRIVAL ESTIMATE TIME", "oldValue": "", "newValue": "" }, { "elementName": "ARRIVAL TRANSPORTATION", "oldValue": "", "newValue": "" }, { "elementName": "ARRIVAL COMMENTS", "oldValue": "", "newValue": "" }, { "elementName": "DEPARTURE TRANSPORT TYPE", "oldValue": "", "newValue": "" }, { "elementName": "DEPARTURE STATION CODE", "oldValue": "", "newValue": "" }, { "elementName": "DEPARTURE CARRIER CODE", "oldValue": "", "newValue": "" }, { "elementName": "DEPARTURE TRANSPORT CODE", "oldValue": "", "newValue": "" }, { "elementName": "DEPARTURE

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Table 3-4 (Cont.) Workflow for Posting Charges to Guest Account

	Description of Steps	Operation
		DATETIME", "oldValue": "", "newValue": "" }, { "elementName": "DEPARTURE TRANSPORT TIME", "oldValue": "", "newValue": "" }, { "elementName": "DEPARTURE ESTIMATE TIME", "oldValue": "", "newValue": "" }, { "elementName": "DEPARTURE TRANSPORTATION", "oldValue": "", "newValue": "" }, { "elementName": "DEPARTURE COMMENTS", "oldValue": "", "newValue": "" }, { "elementName": "COMMISSION PAID TO", "oldValue": "0", "newValue": "0" }, { "elementName": "COMMISSION PAYOUT TO", "oldValue": "N", "newValue": "N" }, { "elementName": "TA RECORD LOCATOR", "oldValue": "", "newValue": "" }, { "elementName": "HURDLE RATE",

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Table 3-4 (Cont.) Workflow for Posting Charges to Guest Account

	Description of Steps	Operation
		"oldValue": "", "newValue": "" }, { "elementName": "RATEABLE VALUE", "oldValue": "", "newValue": "" }, { "elementName": "RESTRICTION OVERRIDE", "oldValue": "", "newValue": "" }, { "elementName": "HURDLE OVERRIDE", "oldValue": "", "newValue": "" }, { "elementName": "YIELD STATUS", "oldValue": "N", "newValue": "N" }, { "elementName": "SPG UPGRADE REASON CODE", "oldValue": "N", "newValue": "N" }, { "elementName": "SPG DISCLOSE ROOM TYPE YN", "oldValue": "N", "newValue": "N" }, { "elementName": "APP USER", "oldValue": "3976", "newValue": "3976" }, { "elementName": "EXTERNAL EFOLIO YN", "oldValue": "", "newValue": ""

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Table 3-4 (Cont.) Workflow for Posting Charges to Guest Account

	Description of Steps	Operation

		<pre>},
		{
		"elementName": "FOLIO OPT IN",
		"oldValue": "",
		"newValue": ""
		},
		{
		"elementName": "CHILDREN 1",
		"oldValue": "0",
		"newValue": "0"
		},
		{
		"elementName": "CHILDREN 2",
		"oldValue": "1",
		"newValue": "1"
		},
		{
		"elementName": "CHILDREN 3",
		"oldValue": "0",
		"newValue": "0"
		},
		{
		"elementName": "CONFIRMATION LETTER YN",
		"oldValue": "",
		"newValue": ""
		},
		{
		"elementName": "WAITLIST PRIORITY",
		"oldValue": "",
		"newValue": ""
		},
		{
		"elementName": "WAITLIST REASON CODE",
		"oldValue": "",
		"newValue": ""
		},
		{
		"elementName": "WAITLIST REASON DESCRIPTION",
		"oldValue": "",
		"newValue": ""
		},
		{
		"elementName": "INSERT DATE",</pre>

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Table 3-4 (Cont.) Workflow for Posting Charges to Guest Account

	Description of Steps	Operation
		"oldValue": "2024-03-20T22:39:54", "newValue": "2024-03-20T22:39:54" }, { "elementName": "UPDATE DATE", "oldValue": "2024-03-20T23:34:45", "newValue": "2024-03-20T23:34:45" }, { "elementName": "UPDATE USER", "oldValue": "3976", "newValue": "3976" }, { "elementName": "FOLIO FLAG", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 01", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 02", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 03", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 04", "oldValue": "", "newValue": "" }, {

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Table 3-4 (Cont.) Workflow for Posting Charges to Guest Account

	Description of Steps	Operation
		"elementName": "UDF CHAR 05", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 06", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 07", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 08", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 09", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 10", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 11", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 12", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR

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Table 3-4 (Cont.) Workflow for Posting Charges to Guest Account

	Description of Steps	Operation
		13", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 14", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 15", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 16", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 17", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 18", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 19", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 20", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 21",

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Table 3-4 (Cont.) Workflow for Posting Charges to Guest Account

	Description of Steps	Operation
		"oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 22", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 23", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 24", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 25", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 26", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 27", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 28", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 29", "oldValue": "",

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Table 3-4 (Cont.) Workflow for Posting Charges to Guest Account

	Description of Steps	Operation
		"newValue": "" }, { "elementName": "UDF CHAR 30", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 31", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 32", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 33", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 34", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 35", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 36", "oldValue": "", "newValue": "" }, { "elementName": "UDF CHAR 37", "oldValue": "", "newValue": ""

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Table 3-4 (Cont.) Workflow for Posting Charges to Guest Account

	Description of Steps	Operation

		<pre>},
		{
		"elementName": "UDF CHAR
		38",
		"oldValue": "",
		"newValue": ""
		},
		{
		"elementName": "UDF CHAR
		39",
		"oldValue": "",
		"newValue": ""
		},
		{
		"elementName": "UDF CHAR
		40",
		"oldValue": "",
		"newValue": ""
		},
		{
		"elementName": "UDF NUMBER
		01",
		"oldValue": "",
		"newValue": ""
		},
		{
		"elementName": "UDF NUMBER
		02",
		"oldValue": "",
		"newValue": ""
		},
		{
		"elementName": "UDF NUMBER
		03",
		"oldValue": "",
		"newValue": ""
		},
		{
		"elementName": "UDF NUMBER
		04",
		"oldValue": "",
		"newValue": ""
		},
		{
		"elementName": "UDF NUMBER
		05",
		"oldValue": "",
		"newValue": ""
		},</pre>

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Table 3-4 (Cont.) Workflow for Posting Charges to Guest Account

	Description of Steps	Operation
		{ "elementName": "UDF NUMBER 06", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 07", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 08", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 09", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 10", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 11", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 12", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 13", "oldValue": "", "newValue": "" }, {

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Table 3-4 (Cont.) Workflow for Posting Charges to Guest Account

	Description of Steps	Operation
		"elementName": "UDF NUMBER 14", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 15", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 16", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 17", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 18", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 19", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 20", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 21", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER

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Table 3-4 (Cont.) Workflow for Posting Charges to Guest Account

	Description of Steps	Operation
		22", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 23", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 24", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 25", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 26", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 27", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 28", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 29", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 30",

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Table 3-4 (Cont.) Workflow for Posting Charges to Guest Account

	Description of Steps	Operation
		"oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 31", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 32", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 33", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 34", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 35", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 36", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 37", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 38", "oldValue": "",

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Table 3-4 (Cont.) Workflow for Posting Charges to Guest Account

	Description of Steps	Operation
		"newValue": "" }, { "elementName": "UDF NUMBER 39", "oldValue": "", "newValue": "" }, { "elementName": "UDF NUMBER 40", "oldValue": "", "newValue": "" }, { "elementName": "UDF DATE 01", "oldValue": "", "newValue": "" }, { "elementName": "UDF DATE 02", "oldValue": "", "newValue": "" }, { "elementName": "UDF DATE 03", "oldValue": "", "newValue": "" }, { "elementName": "UDF DATE 04", "oldValue": "", "newValue": "" }, { "elementName": "UDF DATE 05", "oldValue": "", "newValue": "" }, { "elementName": "UDF DATE 06", "oldValue": "", "newValue": ""

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Table 3-4 (Cont.) Workflow for Posting Charges to Guest Account

	Description of Steps	Operation
		}, { "elementName": "UDF DATE 07", "oldValue": "", "newValue": "" }, { "elementName": "UDF DATE 08", "oldValue": "", "newValue": "" }, { "elementName": "UDF DATE 09", "oldValue": "", "newValue": "" }, { "elementName": "UDF DATE 10", "oldValue": "", "newValue": "" }, { "elementName": "UDF DATE 11", "oldValue": "", "newValue": "" }, { "elementName": "UDF DATE 12", "oldValue": "", "newValue": "" }, { "elementName": "UDF DATE 13", "oldValue": "", "newValue": "" }, { "elementName": "UDF DATE 14", "oldValue": "", "newValue": "" },

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Table 3-4 (Cont.) Workflow for Posting Charges to Guest Account

	Description of Steps	Operation
		{ "elementName": "UDF DATE 15", "oldValue": "", "newValue": "" }, { "elementName": "UDF DATE 16", "oldValue": "", "newValue": "" }, { "elementName": "UDF DATE 17", "oldValue": "", "newValue": "" }, { "elementName": "UDF DATE 18", "oldValue": "", "newValue": "" }, { "elementName": "UDF DATE 19", "oldValue": "", "newValue": "" }, { "elementName": "UDF DATE 20", "oldValue": "", "newValue": "" }, { "elementName": "PARENT RESV NAME ID", "oldValue": "", "newValue": "" }, { "elementName": "SPLIT YN", "oldValue": "", "newValue": "N" }, { "elementName": "WALK IN",

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Table 3-4 (Cont.) Workflow for Posting Charges to Guest Account

	Description of Steps	Operation
		"oldValue": "", "newValue": "N" }, { "elementName": "VIP STATUS", "oldValue": "", "newValue": "" }, { "elementName": "LANGUAGE", "oldValue": "fr", "newValue": "fr" }, { "elementName": "TITLE", "oldValue": "", "newValue": "" }, { "elementName": "GUEST MESSAGE YN", "oldValue": "N", "newValue": "N" }, { "elementName": "COMP TYPE", "oldValue": "", "newValue": "" }, { "elementName": "CREDIT CARD VAULT ID", "oldValue": "", "newValue": "" }, { "elementName": "CREDIT CARD NUMBER 4 DIGITS", "oldValue": "", "newValue": "" }, { "elementName": "BASE RATE CODE", "oldValue": "", "newValue": "" }, { "elementName": "LOCAL BASE

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Table 3-4 (Cont.) Workflow for Posting Charges to Guest Account

	Description of Steps	Operation

		RATE AMOUNT",
		"oldValue": "",
		"newValue": ""
		},
		{
		"elementName": "BASE RATE CURRENCY CODE",
		"oldValue": "",
		"newValue": ""
		},
		{
		"elementName": "TURNDOWN DATE",
		"oldValue": "",
		"newValue": ""
		},
		{
		"elementName": "TURNDOWN STATUS",
		"oldValue": "NR",
		"newValue": "NR"
		}
		]
		}
		}
		}
		}

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Table 3-4 (Cont.) Workflow for Posting Charges to Guest Account

	Description of Steps	Operation

3	**Alternative: Retrieve CHECK IN Business Events to receive notification of reservation/room checked in** (pull BE option).
	Store the reservationId out of the CHECK IN Business Event.
	The reservationId is in the "primaryKey" field of the BE.
		getBusinessEvents
		CHECK IN Business Event
		getBusinessEvents
		
		`GET {{HostName}}/VAB_ENT1/operarest/ {{SchemaName}}/int/v1/externalSystem/ {{ExternalSystemCode}}/hotels/{{HotelId}}/ businessEvents?limit=1`
		
		`200 Response`
		
		`{ "businessEventData": [{ "businessEvent": { "header": { "moduleName": "Reservation", "actionType": "CHECK IN", "actionId": 6258146, "primaryKey": "2130534", "publisherId": 130509, "createdDateTime": "2024-02-19 14:56:35.0", "hotelId": "MBOESEL" }, "details": [{ "dataElement": "NAME", "oldValue": "Guest", "newValue": "Guest" }, { "dataElement": "FIRST NAME", "oldValue": "Test", "newValue": "Test" }, { "dataElement": "MIDDLE NAME" }, { "dataElement": "CONFIRMATION NO", "oldValue": "3588260", "newValue": "3588260" }, { "dataElement": "CONFIRMATION LEG NO", "oldValue": "1",`

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Table 3-4 (Cont.) Workflow for Posting Charges to Guest Account

	Description of Steps	Operation
		"newValue": "1" }, { "dataElement": "TRAVEL AGENT NAME" }, { "dataElement": "COMPANY NAME" }, { "dataElement": "SOURCE NAME" }, { "dataElement": "GROUP NAME" }, { "dataElement": "PARTY CODE" }, { "dataElement": "TRAVEL AGENT NAME ID" }, { "dataElement": "COMPANY NAME ID" }, { "dataElement": "SOURCE NAME ID" }, { "dataElement": "GROUP NAME ID" }, { "dataElement": "GUEST NAME ID", "oldValue": "3526607", "newValue": "3526607" }, { "dataElement": "RESERVATION STATUS", "oldValue": "CHECKED IN", "newValue": "CHECKED IN" }, { "dataElement": "ARRIVAL

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Table 3-4 (Cont.) Workflow for Posting Charges to Guest Account

	Description of Steps	Operation
		DATE", "oldValue": "2020-08-31", "newValue": "2020-08-31" }, { "dataElement": "ARRIVAL TIME", "oldValue": "14:56:28", "newValue": "14:56:28" }, { "dataElement": "LENGTH OF STAY", "oldValue": "1", "newValue": "1" }, { "dataElement": "DEPARTURE DATE", "oldValue": "2020-09-01", "newValue": "2020-09-01" }, { "dataElement": "ADVANCE CHECKED IN YN", "oldValue": "N", "newValue": "N" }, { "dataElement": "EXPECTED TIME OF RETURN" }, { "dataElement": "ETR COMMENTS" }, { "dataElement": "OPTED FOR COMM YN" }, { "dataElement": "CREDIT LIMIT AUTO PAY ALLOW YN" }, { "dataElement": "CHECKOUT TIME", "oldValue": "00:00:00", "newValue": "00:00:00"

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Table 3-4 (Cont.) Workflow for Posting Charges to Guest Account

	Description of Steps	Operation
		}, { "dataElement": "NUMBER OF ROOMS", "oldValue": "1", "newValue": "1" }, { "dataElement": "ROOM TYPE", "oldValue": "CLASSIC", "newValue": "CLASSIC" }, { "dataElement": "RTC", "oldValue": "CLASSIC", "newValue": "CLASSIC" }, { "dataElement": "ROOM", "oldValue": "103", "newValue": "103" }, { "dataElement": "MEMBERSHIP NUMBER" }, { "dataElement": "MEMBERSHIP TYPE" }, { "dataElement": "AWARD CODE 1", "scopeFrom": "2020-08-31", "scopeTo": "2020-09-01" }, { "dataElement": "AWARD VOUCHER 1", "scopeFrom": "2020-08-31", "scopeTo": "2020-09-01" }, { "dataElement": "GP_ELIGIBILITY", "scopeFrom": "2020-08-31", "scopeTo": "2020-09-01" }, {

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Table 3-4 (Cont.) Workflow for Posting Charges to Guest Account

	Description of Steps	Operation
		"dataElement": "ADULTS", "oldValue": "1", "newValue": "1", "scopeFrom": "2020-08-31", "scopeTo": "2020-09-01" }, { "dataElement": "CHILDREN", "oldValue": "0", "newValue": "0", "scopeFrom": "2020-08-31", "scopeTo": "2020-09-01" }, { "dataElement": "CURRENCY CODE", "oldValue": "USD", "newValue": "USD", "scopeFrom": "2020-08-31", "scopeTo": "2020-09-01" }, { "dataElement": "MARKET CODE", "oldValue": "G", "newValue": "G", "scopeFrom": "2020-08-31", "scopeTo": "2020-09-01" }, { "dataElement": "RATE AMOUNT", "oldValue": "100", "newValue": "100", "scopeFrom": "2020-08-31", "scopeTo": "2020-09-01" }, { "dataElement": "RATE CODE", "oldValue": "1MBOE", "newValue": "1MBOE", "scopeFrom": "2020-08-31", "scopeTo": "2020-09-01" }, { "dataElement": "SOURCE CODE", "oldValue": "REF", "newValue": "REF",

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Table 3-4 (Cont.) Workflow for Posting Charges to Guest Account

	Description of Steps	Operation
		"scopeFrom": "2020-08-31", "scopeTo": "2020-09-01" }, { "dataElement": "CONNECTING YN", "oldValue": "N", "newValue": "N" }, { "dataElement": "FIXED RATE", "oldValue": "Y", "newValue": "Y" }, { "dataElement": "PRINT RATE YN", "oldValue": "Y", "newValue": "Y" }, { "dataElement": "BLOCK CODE" }, { "dataElement": "RESERVATION TYPE", "oldValue": "CHECKED IN", "newValue": "CHECKED IN" }, { "dataElement": "ORIGIN" }, { "dataElement": "EXT SEG NO" }, { "dataElement": "SHARE YN", "oldValue": "N", "newValue": "N" }, { "dataElement": "PAYMENT METHOD", "oldValue": "CA", "newValue": "CA" }, { "dataElement": "PAYMENT METHOD DESC",

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Table 3-4 (Cont.) Workflow for Posting Charges to Guest Account

	Description of Steps	Operation
		"oldValue": "Cash", "newValue": "Cash" }, { "dataElement": "CREDIT CARD NUMBER" }, { "dataElement": "CREDIT CARD EXPIRATION DATE" }, { "dataElement": "AUTHORIZER" }, { "dataElement": "EXTERNAL USER ID" }, { "dataElement": "CREDIT CARD TYPE" }, { "dataElement": "DISCOUNT AMOUNT" }, { "dataElement": "DISCOUNT PERCENT" }, { "dataElement": "DISCOUNT REASON" }, { "dataElement": "SPECIAL REQUEST" }, { "dataElement": "ROOM FEATURES" }, { "dataElement": "PRODUCTS" }, { "dataElement": "PROMOTIONS" }, {

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Table 3-4 (Cont.) Workflow for Posting Charges to Guest Account

	Description of Steps	Operation
		"dataElement": "NO POST", "oldValue": "N", "newValue": "N" }, { "dataElement": "VIDEO CHECKOUT", "oldValue": "N", "newValue": "N" }, { "dataElement": "AUTHORIZE DIRECT BILL", "oldValue": "N", "newValue": "N" }, { "dataElement": "YIELD MARKET TYPE" }, { "dataElement": "TAX TYPE" }, { "dataElement": "ARRIVAL TRANSPORT TYPE" }, { "dataElement": "ARRIVAL STATION CODE" }, { "dataElement": "ARRIVAL CARRIER CODE" }, { "dataElement": "ARRIVAL TRANSPORT CODE" }, { "dataElement": "ARRIVAL DATETIME" }, { "dataElement": "ARRIVAL TRANSPORT TIME" }, { "dataElement": "ARRIVAL

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Table 3-4 (Cont.) Workflow for Posting Charges to Guest Account

	Description of Steps	Operation
		ESTIMATE TIME" }, { "dataElement": "ARRIVAL TRANSPORTATION", "oldValue": "N", "newValue": "N" }, { "dataElement": "ARRIVAL COMMENTS" }, { "dataElement": "DEPARTURE TRANSPORT TYPE" }, { "dataElement": "DEPARTURE STATION CODE" }, { "dataElement": "DEPARTURE CARRIER CODE" }, { "dataElement": "DEPARTURE TRANSPORT CODE" }, { "dataElement": "DEPARTURE DATETIME" }, { "dataElement": "DEPARTURE TRANSPORT TIME" }, { "dataElement": "DEPARTURE ESTIMATE TIME" }, { "dataElement": "DEPARTURE TRANSPORTATION", "oldValue": "N", "newValue": "N" }, { "dataElement": "DEPARTURE COMMENTS"

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Table 3-4 (Cont.) Workflow for Posting Charges to Guest Account

	Description of Steps	Operation
		}, { "dataElement": "COMMISSION PAID TO", "oldValue": "0", "newValue": "0" }, { "dataElement": "COMMISSION PAYOUT TO", "oldValue": "N", "newValue": "N" }, { "dataElement": "TA RECORD LOCATOR" }, { "dataElement": "HURDLE RATE" }, { "dataElement": "RATEABLE VALUE" }, { "dataElement": "RESTRICTION OVERRIDE" }, { "dataElement": "HURDLE OVERRIDE" }, { "dataElement": "YIELD STATUS", "oldValue": "N", "newValue": "N" }, { "dataElement": "SPG UPGRADE REASON CODE", "oldValue": "N", "newValue": "N" }, { "dataElement": "SPG DISCLOSE ROOM TYPE YN", "oldValue": "N", "newValue": "N"

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Table 3-4 (Cont.) Workflow for Posting Charges to Guest Account

	Description of Steps	Operation
		}, { "dataElement": "APP USER", "oldValue": "130509", "newValue": "130509" }, { "dataElement": "EXTERNAL EFOLIO YN" }, { "dataElement": "FOLIO OPT IN" }, { "dataElement": "CHILDREN 1", "oldValue": "0", "newValue": "0" }, { "dataElement": "CHILDREN 2", "oldValue": "0", "newValue": "0" }, { "dataElement": "CHILDREN 3", "oldValue": "0", "newValue": "0" }, { "dataElement": "CONFIRMATION LETTER YN" }, { "dataElement": "WAITLIST PRIORITY" }, { "dataElement": "WAITLIST REASON CODE" }, { "dataElement": "WAITLIST REASON DESCRIPTION" }, { "dataElement": "INSERT DATE", "oldValue":

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Table 3-4 (Cont.) Workflow for Posting Charges to Guest Account

	Description of Steps	Operation
		"2024-02-19T14:53:00", "newValue": "2024-02-19T14:53:00" }, { "dataElement": "UPDATE DATE", "oldValue": "2024-02-19T14:56:32", "newValue": "2024-02-19T14:56:32" }, { "dataElement": "UPDATE USER", "oldValue": "130509", "newValue": "130509" }, { "dataElement": "FOLIO FLAG" }, { "dataElement": "UDF CHAR 01" }, { "dataElement": "UDF CHAR 02" }, { "dataElement": "UDF CHAR 03" }, { "dataElement": "UDF CHAR 04" }, { "dataElement": "UDF CHAR 05" }, { "dataElement": "UDF CHAR 06" }, { "dataElement": "UDF CHAR 07" }, { "dataElement": "UDF CHAR 08" }, { "dataElement": "UDF CHAR 09" }, {

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Table 3-4 (Cont.) Workflow for Posting Charges to Guest Account

	Description of Steps	Operation
		"dataElement": "UDF CHAR 10" }, { "dataElement": "UDF CHAR 11" }, { "dataElement": "UDF CHAR 12" }, { "dataElement": "UDF CHAR 13" }, { "dataElement": "UDF CHAR 14" }, { "dataElement": "UDF CHAR 15" }, { "dataElement": "UDF CHAR 16" }, { "dataElement": "UDF CHAR 17" }, { "dataElement": "UDF CHAR 18" }, { "dataElement": "UDF CHAR 19" }, { "dataElement": "UDF CHAR 20" }, { "dataElement": "UDF CHAR 21" }, { "dataElement": "UDF CHAR 22" }, { "dataElement": "UDF CHAR 23" }, { "dataElement": "UDF CHAR 24" }, { "dataElement": "UDF CHAR 25" }, { "dataElement": "UDF CHAR 26"

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Table 3-4 (Cont.) Workflow for Posting Charges to Guest Account

	Description of Steps	Operation
		}, { "dataElement": "UDF CHAR 27" }, { "dataElement": "UDF CHAR 28" }, { "dataElement": "UDF CHAR 29" }, { "dataElement": "UDF CHAR 30" }, { "dataElement": "UDF CHAR 31" }, { "dataElement": "UDF CHAR 32" }, { "dataElement": "UDF CHAR 33" }, { "dataElement": "UDF CHAR 34" }, { "dataElement": "UDF CHAR 35" }, { "dataElement": "UDF CHAR 36" }, { "dataElement": "UDF CHAR 37" }, { "dataElement": "UDF CHAR 38" }, { "dataElement": "UDF CHAR 39" }, { "dataElement": "UDF CHAR 40" }, { "dataElement": "UDF NUMBER 01" }, { "dataElement": "UDF NUMBER

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Table 3-4 (Cont.) Workflow for Posting Charges to Guest Account

	Description of Steps	Operation
		02" }, { "dataElement": "UDF NUMBER 03" }, { "dataElement": "UDF NUMBER 04" }, { "dataElement": "UDF NUMBER 05" }, { "dataElement": "UDF NUMBER 06" }, { "dataElement": "UDF NUMBER 07" }, { "dataElement": "UDF NUMBER 08" }, { "dataElement": "UDF NUMBER 09" }, { "dataElement": "UDF NUMBER 10" }, { "dataElement": "UDF NUMBER 11" }, { "dataElement": "UDF NUMBER 12" }, { "dataElement": "UDF NUMBER 13" }, { "dataElement": "UDF NUMBER 14"

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Table 3-4 (Cont.) Workflow for Posting Charges to Guest Account

	Description of Steps	Operation

		<pre>},
		{
		"dataElement": "UDF NUMBER 15"
		},
		{
		"dataElement": "UDF NUMBER 16"
		},
		{
		"dataElement": "UDF NUMBER 17"
		},
		{
		"dataElement": "UDF NUMBER 18"
		},
		{
		"dataElement": "UDF NUMBER 19"
		},
		{
		"dataElement": "UDF NUMBER 20"
		},
		{
		"dataElement": "UDF NUMBER 21"
		},
		{
		"dataElement": "UDF NUMBER 22"
		},
		{
		"dataElement": "UDF NUMBER 23"
		},
		{
		"dataElement": "UDF NUMBER 24"
		},
		{
		"dataElement": "UDF NUMBER 25"
		},
		{
		"dataElement": "UDF NUMBER 26"
		},

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Table 3-4 (Cont.) Workflow for Posting Charges to Guest Account

	Description of Steps	Operation
		{ "dataElement": "UDF NUMBER 27" }, { "dataElement": "UDF NUMBER 28" }, { "dataElement": "UDF NUMBER 29" }, { "dataElement": "UDF NUMBER 30" }, { "dataElement": "UDF NUMBER 31" }, { "dataElement": "UDF NUMBER 32" }, { "dataElement": "UDF NUMBER 33" }, { "dataElement": "UDF NUMBER 34" }, { "dataElement": "UDF NUMBER 35" }, { "dataElement": "UDF NUMBER 36" }, { "dataElement": "UDF NUMBER 37" }, { "dataElement": "UDF NUMBER 38" }, {

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Table 3-4 (Cont.) Workflow for Posting Charges to Guest Account

	Description of Steps	Operation
		"dataElement": "UDF NUMBER 39" }, { "dataElement": "UDF NUMBER 40" }, { "dataElement": "UDF DATE 01" }, { "dataElement": "UDF DATE 02" }, { "dataElement": "UDF DATE 03" }, { "dataElement": "UDF DATE 04" }, { "dataElement": "UDF DATE 05" }, { "dataElement": "UDF DATE 06" }, { "dataElement": "UDF DATE 07" }, { "dataElement": "UDF DATE 08" }, { "dataElement": "UDF DATE 09" }, { "dataElement": "UDF DATE 10" }, { "dataElement": "UDF DATE 11" }, { "dataElement": "UDF DATE 12" }, { "dataElement": "UDF DATE 13" }, { "dataElement": "UDF DATE 14" },

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Table 3-4 (Cont.) Workflow for Posting Charges to Guest Account

	Description of Steps	Operation
		{ "dataElement": "UDF DATE 15" }, { "dataElement": "UDF DATE 16" }, { "dataElement": "UDF DATE 17" }, { "dataElement": "UDF DATE 18" }, { "dataElement": "UDF DATE 19" }, { "dataElement": "UDF DATE 20" }, { "dataElement": "PARENT RESV NAME ID" }, { "dataElement": "SPLIT YN", "newValue": "N" }, { "dataElement": "WALK IN", "newValue": "N" }, { "dataElement": "VIP STATUS" }, { "dataElement": "LANGUAGE", "oldValue": "E", "newValue": "E" }, { "dataElement": "TITLE", "oldValue": "MR", "newValue": "MR" }, { "dataElement": "GUEST MESSAGE YN", "oldValue": "N", "newValue": "N" },

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Table 3-4 (Cont.) Workflow for Posting Charges to Guest Account

	Description of Steps	Operation

		{
		"dataElement": "COMP TYPE"
		},
		{
		"dataElement": "CREDIT CARD VAULT ID"
		},
		{
		"dataElement": "CREDIT CARD NUMBER 4 DIGITS"
		},
		{
		"dataElement": "BASE RATE CODE"
		},
		{
		"dataElement": "LOCAL BASE RATE AMOUNT"
		},
		{
		"dataElement": "BASE RATE CURRENCY CODE"
		},
		{
		"dataElement": "TURNDOWN DATE"
		},
		{
		"dataElement": "TURNDOWN STATUS",
		"oldValue": "NR",
		"newValue": "NR"
		}
		]
		},
		"businessEventId": {
		"id": "6258146"
		}
		}
		]
		}

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Table 3-4 (Cont.) Workflow for Posting Charges to Guest Account

	Description of Steps	Operation

4	**Post the charge to the reservation account**.
	Partner system sends Posting charge using the postBillingCharges operation containing all amounts to post to the reservation account.
	OPERA Cloud responds with a 201 response message when the posting is successful.
	Note that the postBillingCharge call must include the reservationId, the revenue transactionCode, and the cashierId.
	It is possible to send a single postBillingCharges call against the guest account containing multiple sub-amounts (revenue amounts and/or tax amounts).
	Usually used by Restaurant POS or other systems that charge full guest checks to the guest account or to a Paymaster account (such as for revenue paid by Cash or credit card).
	Post the charge to a non-room account (Paymaster account).
	Non-Room charges are Cash, Creditcard postings from a property System (Restaurant POS, SPA, Golf) that a customer wants posted to a specific account in OPERA Cloud PMS. These virtual accounts are called Posting accounts or Paymaster accounts.
	These accounts are set up in OPERA Cloud as pseudo rooms that are defined for the system's non-room payment method.
	For example, a cash payment Restaurant POS charge will be posted to its respective Posting Master with the revenue amount
		postBillingCharges
		postBillingCharges with two sub-amounts
		
		`POST {{HostName}}/csh/v1/hotels/{{HotelId}}/reservations/{{ReservationId}}/charges`
		
		`{ "criteria": { "hotelId": "SAND01", "charges": [{ "transactionCode": "2010", "articleCode": "", "price": { "amount": 27.33, "currencyCode": "USD" }, "postingQuantity": 1, "postingReference": "Restaurant Food", "postingRemark": "Buffet", "checkNumber": "2024011101", "arrangementCode": "", "applyRoutingInstructions": false, "usePackageAllowance": false, "autoPosting": true, "financialTransactionIdList": [{ "id": "Vendor trans ID", "type": "" }], "folioWindowNo": 1, "cashierId": 113 }, { "transactionCode": "8002", "articleCode": "", "price": { "amount": 2.67, "currencyCode": "USD" }, "postingQuantity": 1, "postingReference": "Tax 14%", "postingRemark": "Food", "checkNumber": "2024011101", "arrangementCode": "", "applyRoutingInstructions": false,`

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Table 3-4 (Cont.) Workflow for Posting Charges to Guest Account

	Description of Steps	Operation

	and against the revenue transaction code.
	Usually these Posting Master accounts will be checked-in for a day, checked out before night audit, and checked-in again after night audit. Depending on the customer usage, these Paymaster accounts might get a new reservationId.
	Posting charges to these Posting accounts works the same way as posting charges to a guest reservation account. Each Posting account has its own reservationId that must be sent to identify the account in OPERA Cloud PMS.
	Post the revenue to the payment account.
	Partner requests Posting account reservation information using the getReservation operation. Typically using query parameter "roomId" or "surname" of the Posting account.
	OPERA Cloud responds with 200 containing the reservation information.
	User of partner system confirms the reservation information is correct as received from the guest.
	The partner sends a charge posting using the postBillingCharges operation containing all amounts to post to the paymaster account.
	OPERA Cloud responds with 201 containing confirmation of posting accepted and completed.
		<pre>"usePackageAllowance": false,
		"autoPosting": true,
		"financialTransactionIdList": [
		{
		"id": "Vendor trans ID",
		"type": ""
		}
		],
		"folioWindowNo": 1,
		"cashierId": 113
		
		}
		],
		
		"reservationId": {
		"url": "string",
		"type": "string",
		"instance": "string",
		"idContext": "string",
		"id": "{{ReservationId}}",
		"idExtension": 0
		},
		"incomeAuditDate": "2024-01-11",
		"postIt": false,
		"cashierId": 113,
		"welcomeOfferPosting": true
		},
		"links": [
		{
		"href": "string",
		"rel": "string",
		"templated": false,
		"method": "GET",
		"targetSchema": "string",
		"operationId": "string",
		"title": "string"
		}
		]
		}
		
		201 Response:
		
		{
		"postings": [
		{
		"remark": "Food",
		"reference": "Tax 14% 2024011101",
		"checkNo": "2024011101",</pre>

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Table 3-4 (Cont.) Workflow for Posting Charges to Guest Account

	Description of Steps	Operation

		<pre>"postedAmount": {
		"amount": 2.67,
		"currencyCode": "USD"
		},
		"price": {
		"amount": 2.67,
		"currencyCode": "USD"
		},
		"quantity": 1,
		"transactionType": "Revenue",
		"debitAmount": {
		"amount": 2.67,
		"currencyCode": "USD"
		},
		"cashierInfo": {
		"cashierId": 113,
		"cashierName": "MBOE Cashier"
		},
		"paidOut": false,
		"exchange": {
		"debitAmount": {
		"amount": 2.67,
		"currencyCode": "USD"
		}
		},
		"stampDuty": false,
		"customCharge": false,
		"transactionNo": 332713,
		"transactionDate": "2024-01-11",
		"transactionCode": "8002",
		"transactionAmount": 2.67,
		"postingDate": "2024-01-11",
		"postingTime": {
		"time": "2024-01-11 15:12:19.0",
		"timezone": "UTC"
		},
		"revenueDate": "2024-01-11",
		"roundingDifferenceTrx": false,
		"folioWindowNo": 1,
		"deferredTax": false
		}
		],
		"trxCodesInfo": [
		{
		"description": "Restaurant Food",
		"transactionGroup": "REV",
		"transactionSubGroup": "FB",
		"trxServiceType": "S",
		"transactionCode": "2010",</pre>

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Table 3-4 (Cont.) Workflow for Posting Charges to Guest Account

	Description of Steps	Operation

		"hotelId": "SAND01CN",
		"printTrxReceipt": false
		},
		{
		"description": "VAT 14%",
		"transactionGroup": "REV",
		"transactionSubGroup": "VAT",
		"trxServiceType": "S",
		"transactionCode": "8002",
		"hotelId": "SAND01CN",
		"printTrxReceipt": false
		}
		]
		}
		
		Posting charges to Paymaster
		
		POST {{HostName}}/csh/v1/hotels/{{HotelId}}/
		reservations/95825/charges
		
		{
		"criteria": {
		"hotelId": "SAND01CN",
		"charges": [
		{
		"transactionCode": "2000",
		"articleCode": "",
		"price": {
		"amount": 30.00,
		"currencyCode": "USD"
		},
		"postingQuantity": 1,
		"postingReference": "Restaurant
		Breakfast",
		"postingRemark": "Breakfast Buffet",
		"checkNumber": "2024020701",
		"arrangementCode": "",
		"applyRoutingInstructions": false,
		"usePackageAllowance": false,
		"autoPosting": true,
		"financialTransactionIdList": [
		{
		"id": "Vendor trans ID",
		"type": "string"
		}
		],
		"folioWindowNo": 1,
		"cashierId": 113
		}

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Table 3-4 (Cont.) Workflow for Posting Charges to Guest Account

	Description of Steps	Operation

		],
		"reservationId": {
		"url": "string",
		"type": "string",
		"instance": "string",
		"idContext": "string",
		"id": "95825",
		"idExtension": 0
		},
		"incomeAuditDate": "2024-02-07",
		"postIt": false,
		"cashierId": 113,
		"welcomeOfferPosting": true
		},
		"links": [
		{
		"href": "string",
		"rel": "string",
		"templated": false,
		"method": "GET",
		"targetSchema": "string",
		"operationId": "string",
		"title": "string"
		}
		]
		}
		
		201 Response:
		
		{
		"postings": [
		{
		"remark": "Breakfast Buffet",
		"reference": "Restaurant Breakfast 2024020701",
		"checkNo": "2024020701",
		"postedAmount": {
		"amount": 30,
		"currencyCode": "USD"
		},
		"price": {
		"amount": 30,
		"currencyCode": "USD"
		},
		"quantity": 1,
		"transactionType": "Revenue",
		"debitAmount": {
		"amount": 30,
		"currencyCode": "USD"

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Table 3-4 (Cont.) Workflow for Posting Charges to Guest Account

	Description of Steps	Operation

		},
		"cashierInfo": {
		"cashierId": 113,
		"cashierName": "MBOE Cashier"
		},
		"paidOut": false,
		"exchange": {
		"debitAmount": {
		"amount": 30,
		"currencyCode": "USD"
		}
		},
		"stampDuty": false,
		"customCharge": false,
		"transactionNo": 339390,
		"transactionDate": "2024-02-06",
		"transactionCode": "2000",
		"transactionAmount": 30,
		"postingDate": "2024-02-06",
		"postingTime": {
		"time": "2024-02-07 07:56:08.0",
		"timezone": "UTC"
		},
		"revenueDate": "2024-02-06",
		"roundingDifferenceTrx": false,
		"folioWindowNo": 1,
		"deferredTax": false
		},
		{
		"referenceTransactionNo": 339390,
		"reference": "[Add: 14%.(B)]2024020701",
		"checkNo": "2024020701",
		"postedAmount": {
		"amount": 4.2,
		"currencyCode": "USD"
		},
		"price": {
		"amount": 4.2,
		"currencyCode": "USD"
		},
		"quantity": 1,
		"transactionType": "Revenue",
		"debitAmount": {
		"amount": 4.2,
		"currencyCode": "USD"
		},
		"cashierInfo": {
		"cashierId": 113,
		"cashierName": "MBOE Cashier"

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Table 3-4 (Cont.) Workflow for Posting Charges to Guest Account

	Description of Steps	Operation

		<pre>{
		"paidOut": false,
		"exchange": {
		"debitAmount": {
		"amount": 4.2,
		"currencyCode": "USD"
		}
		},
		"stampDuty": false,
		"customCharge": false,
		"transactionNo": 339391,
		"transactionDate": "2024-02-06",
		"transactionCode": "8002",
		"transactionAmount": 4.2,
		"postingDate": "2024-02-06",
		"postingTime": {
		"time": "2024-02-07 07:56:08.0",
		"timezone": "UTC"
		},
		"revenueDate": "2024-02-06",
		"roundingDifferenceTrx": false,
		"folioWindowNo": 1,
		"deferredTax": false
		}
		],
		"trxCodesInfo": [
		{
		"description": "Breakfast",
		"transactionGroup": "REV",
		"transactionSubGroup": "FB",
		"trxServiceType": "S",
		"transactionCode": "2000",
		"hotelId": "SAND01CN",
		"printTrxReceipt": true
		},
		{
		"description": "VAT 14%",
		"transactionGroup": "REV",
		"transactionSubGroup": "VAT",
		"trxServiceType": "S",
		"transactionCode": "8002",
		"hotelId": "SAND01CN",
		"printTrxReceipt": false
		}
		]
		}</pre>

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Table 3-4 (Cont.) Workflow for Posting Charges to Guest Account

	Description of Steps	Operation
4a	**4a. Optional: Post Non-Room charges plus "autobalancing."** To "autobalance" a charge posted to a non-room payment account (PM room), such as for charges with pay method Cash, VISA, Mastercard, and so on, means that a charge posting will get an additional automatic balance posting against the payment transaction code. This is so that at the end of the day the Posting Master room in PMS has a zero balance. Autobalancing will not be done by the PMS itself and requires the vendor system that posts the revenue charge to perform the autobalance payment. The benefit for the hotel is that the staff would not need to manually post the cash balance amount at the end of shift/day. The partner will post a billing charge to the related Posting Master room against the revenue transaction code(s). In addition, the partner immediately posts a payment charge to the Posting Master room against the defined payment transaction code (cash, credit card) as defined in the PMS. Post the autobalance payment to the payment account. When charge posting is successful and payment is completed on the partner side, the partner sends the autobalance call using the postBillingPayment operation. OPERA Cloud PMS responds with 201 containing a confirmation of	Posting Payment Autobalancing `POST {{HostName}}/csh/v1/hotels/{{HotelId}}/reservations/95825/payments` `{ "criteria": { "overrideInsufficientCC": false, "applyCCSurcharge": false, "vATOffset": false, "reservationId": { "idContext": "OPERA", "id": {{ReservationId}}, "type": "Reservation" }, "paymentMethod": { "paymentMethod": "ABPOSCA" }, "postingReference": "ABPOSCA POS Cash Autobalance", "postingAmount": { "amount": 34.20, "currencyCode": "USD" }, "cashierId": 113, "hotelId": "{{HotelId}}", "folioWindowNo": "1", "overrideARCreditLimit": false } }`  `201 Response:`  `{ "postings": [{ "reference": "ABPOSCA POS Cash Autobalance ", "postedAmount": { "amount": 34.2, "currencyCode": "USD" }, "price": { "amount": 34.2, "currencyCode": "USD" }, "quantity": 1, "transactionType": "Payment", "creditAmount": { "amount": 34.2,`

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Table 3-4 (Cont.) Workflow for Posting Charges to Guest Account

	Description of Steps	Operation

	autobalance post accepted and posted to the account.	"currencyCode": "USD"
		},
		"cashierInfo": {
		"cashierId": 113,
		"cashierName": "MBOE Cashier"
		},
		"paidOut": false,
		"exchange": {
		"creditAmount": {
		"amount": 34.2,
		"currencyCode": "USD"
		}
		},
		"stampDuty": false,
		"customCharge": false,
		"transactionNo": 339392,
		"transactionDate": "2024-02-06",
		"transactionCode": "9100",
		"transactionAmount": 34.2,
		"postingDate": "2024-02-06",
		"postingTime": {
		"time": "2024-02-07 08:05:39.0",
		"timezone": "UTC"
		},
		"revenueDate": "2024-02-06",
		"receiptNo": 2676,
		"roundingDifferenceTrx": false,
		"folioWindowNo": 1,
		"deferredTax": false
		}
		],
		"trxCodesInfo": [
		{
		"description": "POS CASH",
		"transactionGroup": "PAY",
		"transactionSubGroup": "PAY",
		"trxServiceType": "S",
		"transactionCode": "9100",
		"hotelId": "SAND01CN",
		"printTrxReceipt": false
		}
		]
		}

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Table 3-4 (Cont.) Workflow for Posting Charges to Guest Account

	Description of Steps	Operation

5	**Optional Post POS Guestcheck detail to PMS.**
	Using the postGuestCheckDetails operation, you can transmit the POS guest check details (a copy of the check) into OPERA Cloud and with the transmitted check number, OPERA Cloud links it to the related Billing charges.
	In OPERA Cloud, the user can call the guest check detail and show it to the guest to clarify charges unclear to the guest at time of check out.
	It is possible to either send the guest check as a base64 encoded string (for example, as a .jpg picture) or as a pre-formatted text string (that is, the text will appear in OPERA Cloud as it was sent).
	The partner sends the closed guest check for the posted transaction using the postGuestCheckDetail operation.
	OPERA Cloud PMS confirms the posting of the check detail as being completed and links it to the related reservation.
	In OPERA Cloud UI, the guest check details can appear to the user who can also print the guest check to provide it to the guest.
		postGuestCheckDetail
		Post guestCheckDetail - check image
		
		`POST {{HostName}}/operarest/{{SchemaName}}/csh/v1/hotels/{{HotelId}}/check/3807007`
		
		`{`
		`"checkDetails": {`
		`"checkDate": "2020-06-30T10:51:13.180Z",`
		`"checkImage":"/9j/`
		`4eLfRXhpZgAASUkqAAgAAAANAAABBAABAAAAoA8AAEBBAABAAAA`
		`uAsAAA8BAg`
		`AIAAAAqgAAABABAgAJAAAAsgAAABIBAwABAAAAAQAAABoBBQABAA`
		`AA3gAAABsBBQABAAAA5gAAACgB`
		`AwABAAAAAgAAADEBAgAOAAAAvAAAADIBAgAUAAAAygAAABMCAwAB`
		`AAAAAQAAAGmHBAABAAAA7gA`
		`AACWIBAABAAAA3AIAAGIDAABzYW1zdW5nAFNNLUE3MjVGAABBNzI`
		`1RlhYVTVEV0I2ADIwMjM6MDQ6MT`
		`kgMDg6MzE6MzEASAAAAAEAAABIAAAAAQAAAB0AmoIFAAEAAACQAg`
		`AAnYIFAAEAAACIAgAAIogDAAEAAAACAAAA`
		`J4gDAAEAAABQAAAAAJAHAAQAAAAwMjIwA5ACABQAAABQAgAABJAC`
		`ABQAAABkAgAAEJACAAcAAAB4AgAAEZACA`
		`AcAAACAAgAAAZIFAAEAAACYAgAAApIFAAEAAACgAgAAA5IKAAEAA`
		`ACoAgAABJIKAAEAAACwAgAABZIFAAEAAAC4Ag`
		`AAB5IDAAEAAAACAAAACZIDAAEAAAAAAAAACpIFAAEAAADIAgAAkJ`
		`ICAAQAAAA5OTcAkZICAAQAAAA5OTcAkpICAAQAAAA5OTc`
		`AAaADAAEAAAABAAAAAqAEAAEAAACgDwAAA6AEAAEAAAC4CwAAAqQ`
		`DAAEAAAAAAAAAA6QDAAEAAAAAAAAABKQFAAEAAA`
		`DAAgAABaQDAAEAAAANAAAABqQDAAEAAAAAAAAAIKQCAAwAAADQAg`
		`AAAAAAADIwMjM6MDQ6MTkgMDg6MzE6MzEA`
		`MjAyMzowNDoxOSAwODozMTozMQArMDI6MDAAACswMjowMAAA3AAA`
		`AGQAAAABAAAAZAAAAAEAAABkAA`
		`AA4wAAAGQAAAC4AQAAZAAAAAAAAABkAAAA4wAAAGQAAABkAAAAZA`
		`AAAK4AAABkAAAARjY0RVNOR1IxU0`
		`0ABgABAAIAAgAAAAAAAACAAUAAwAAACoDAAADAAIAAgAAAAAAAA`
		`AEAAUAAwAAAEIDAAAFAAMAAQAAA`
		`AAAAAAGAAUAAQAAAFoDAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA`
		`AAAAAAAAAAAAAAAAAAAAAAAA`
		`AAAAAAAAAAAAAAAAAAAAAAAAAIAAABBAABAAAAgAIAAAEBBAABAA`
		`AA4AEAAAMBAwABAAAABgAAABoBBQA`
		`BAAAAyAMAABsBBQABAAAA0AMAACgBAwABAAAAAgAAAAECBAABAAA`
		`A2AMAAAICBAABAAAA`
		`/94AAAAAAABIAAAAAQAAAEgAAAABAAAA/9j/`
		`wAARCAHgAoADASIAAhEBAxEB/9sAhAACBAQGBgYICAgICgoKCg`
		`oMDAwMDAwODg4ODg4OEBAQEBAQEBASEhISEhISFBQUFBQUFhYWFh`
		`YYGBgYGhoaHBweAQIGBgwMDBAQEBA`
		`UFBQUFBgYGBgYGBwcHBwcHBwgICAgICAgICQkJCQkJCQoKCgoKCg`
		`sLCwsLDAwMDA0NDQ4ODz/xAGiAAABBQEB`
		`AQEBAQAAAAAAAAAAQIDBAUGBwgJCgsQAAIBAwMCBAMFBQQEAAAB`
		`fQECAwAEEQUSITFBBhNRYQcicRQygZG`

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Table 3-4 (Cont.) Workflow for Posting Charges to Guest Account

	Description of Steps	Operation

		hCCNCscEVUtHwJDNicoIJChYXGBkaJSYnKCkqNDU2Nzg5OkNERUZ
		HSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6g
		4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFx
		sfIycrS09TV1tfY2drh4uPk5ebn6Onq8fLz9PX29/j5+gEAA
		wEBAQEBAQEBAQAAAAAAAAECAwQFBgcICQoLEQACAQIEBAMEBwUEB
		AABAncAAQIDEQQFITEGEkFRB2FxEyIygQg
		UQpGhscEJIzNS8BVictEKFiQ04SXxFxgZGiYnKCkqNTY3ODk6Q0R
		FRkdISUpTVFVWV1hZWmNkZWZnaGlqc3R1dnd4eX
		qCg4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8
		TFxsfIycrS09TV1tfY2dri4+Tl5ufo6ery8/T19vf4+fr/3QAEA
		S3/2gAMAwEAAhEDEQAAOWeOs1hXROKznWtBGJmnBqkdKonNMDRDV
		ZV6xA1Tq9AjoVerW6sFWq+HqQLpNQk1H
		uppNMZLmmE1Fmmk0gJ803NRZqMtTGWwak3VnBqeHrIstGoiaYXqM
		tSKFJqqTTi1Uy1SUPJqsxpSagY1JZETVdzUpNQt
		SApNVbNWmqmTVEDjVRjTmNQk+tUQN3VYU1UzUi1oSXwaaRTQaeas
		QynCnEUVYiPFRlasimkUAVcUmKskVHVEkBpal
		xTRTGNxUgpoFKKoYpqHvVqoyKYisapkYq2QAAAQoOAAAASW1hZ2V
		fVVRDX0RhdGExNjgxODg1ODkyMTk3AAChCgg
		AAABNQ0NfRGF0YTI2MgAA4QwPAAAAR2FsbGVyeV9EQ19EYXRhMTI
		wLDEwOSwyLDE5MDEwMTAyLDQwMDAsMz
		AwMCwwLDAsMCwwOzEyNy4xMzIxMjswLjUAAGEMGAAAAENhbWVyYV
		9DYXB0dXJlX01vZGVfSW5mbzFTRUZIawAA
		AAQAAAAAAAEKoAAAACMAAAAAAKEKfQAAABMAAAAAAOEMagAAAEkA
		AAAAAGEMIQAAACEAAAA8AAAAU0VGV
		A==........."
		}
		}
		
		Post guestCheckDetail - check text
		
		POST {{HostName}}/operarest/{{SchemaName}}/csh/v1/
		hotels/{{HotelId}}/check/3807008
		
		{
		"checkDetails": {
		"checkDate": "2020-06-30T10:51:13.180Z",
		"checkText":"ready formatted guest check
		text incl CR and LF character"
		}
		}

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4 FAQ

Question	Answer
Is calculation of phone charges by dialed digit and call length possible with OHIP?	No, the functionality to calculate the phone charge amount in PMS (known as Full or Partial Call Accounting) is not possible. The phone charge message must contain the final amount to post.
Is calculation of phone charge by transmitting units / meter pulses possible with OHIP?	No, this functionality is not available. The phone charge message must contain the final amount to post.
What are "Non-Guest-Rooms"?	Customers create pseudo reservations under Room Type Pseudo Rooms which is commonly called PM rooms. This is usually used for sending charges from F&B Outlets, Spa, Golf, and so on. Customers create these pseudo reservations on a daily basis where they check in and check out reservations. It is the responsibility of customers to ensure they always assign the same room number to these pseudo reservations. For example, a customer creates the following: • 9000- POS Cash • 9001- POS Visa • 9002- POS Amex • 9010 – Golf Tee fees • And many more Partners are expected to post charges to these dummy reservations if the Guest has made the payments directly. To counter balance (also called "Autobalance"), use the postBillingPayment API. The above can vary from customer to customer. Therefore, check with customers about their processes regarding posting non-room charges into PMS prior to onboarding.
With the postBillingCharges operation, I can send all sub-amounts of a guest check. Do I need to send a "total amount" of the guest-check?	The postBillingCharges operation does not have a "total amount" element like in legacy integrations (for example, FIAS or XML_POS). In the OPERA Cloud guest account, all charges appear against its revenue transaction code. Only the OPERA Cloud PMS guest account folio window has a total balance amount.

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Question	Answer

How can I indicate void postings?	Void postings are possible to send using the **postBillingCharges** containing either of the following:
	negative "*amount "* value (-5.50) and positive "*postingQuantity "* value ("1")
	positive "*amount "* value (5.50) and negative "*postingQuantity "* value ("-1")
	A sample Void posting could be a minibar item that a guest has taken out of the minibar. The minibar automatically posts the charge after a grace time (for example, 1 minute). When a guest returns the minibar item back to that place, the minibar might recognize this and automatically sends a void posting (as the item has not been consumed).
	A void or refund posting can be done for a Point-Of-Sale charge that, for example, has been closed to a wrong room.
	In this case, the entire guest check must be voided by sending the postBillingCharge message containing all items to void to balance the amount from the wrong room / reservation billing.
	Void/Refund a charge to a reservation.
	Post the Charge to the reservation.
	
	`POST {{HostName}}/csh/v1/hotels/{{HotelId}}/reservations/164743/charges`
	
	`{ "criteria": { "hotelId": "SAND01", "charges": [{ "transactionCode": "2000", "articleCode": "", "price": { "amount": 27.50, "currencyCode": "USD" }, "postingQuantity": 1, "postingReference": "Restaurant Breakfast", "postingRemark": "Breakfast Buffet", "checkNumber": "240527001", "arrangementCode": "", "applyRoutingInstructions": false, "usePackageAllowance": false, "autoPosting": true, "financialTransactionIdList": [{ "id": "Vendor trans ID", "type": "string" }], "folioWindowNo": 1, "cashierId": 113 }, {`

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Question	Answer

	"transactionCode": "2010",
	"articleCode": "",
	"price": {
	"amount": 10.50,
	"currencyCode": "USD"
	},
	"postingQuantity": 1,
	"postingReference": "Restaurant Lunch Food",
	"postingRemark": "Lunch Food",
	"checkNumber": "240527001",
	"arrangementCode": "",
	"applyRoutingInstructions": false,
	"usePackageAllowance": false,
	"autoPosting": true,
	"financialTransactionIdList": [
	{
	"id": "Vendor trans ID",
	"type": ""
	}
	],
	"folioWindowNo": 1,
	"cashierId": 113
	}
	],
	
	"reservationId": {
	"url": "string",
	"type": "string",
	"instance": "string",
	"idContext": "string",
	"id": "164743",
	"idExtension": 0
	},
	"incomeAuditDate": "2021-11-22",
	"postIt": false,
	"cashierId": 113,
	"welcomeOfferPosting": true
	},
	"links": [
	{
	"href": "string",
	"rel": "string",
	"templated": false,
	"method": "GET",
	"targetSchema": "string",
	"operationId": "string",
	"title": "string"
	}
	]
	}

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Question	Answer

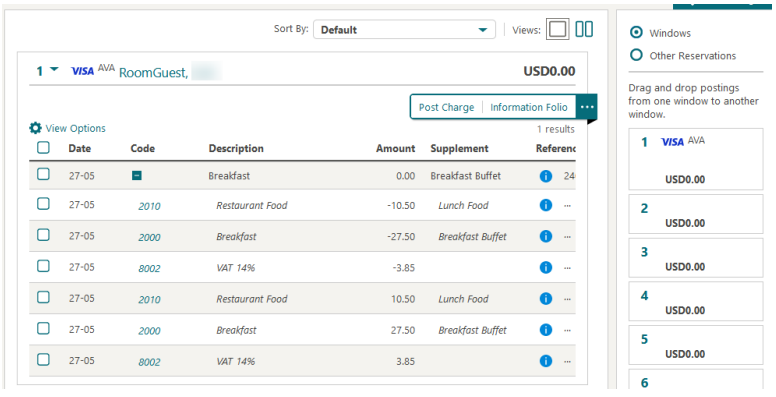
	Void/refund the charge
	
	POST {{HostName}}/csh/v1/hotels/{{HotelId}}/reservations/164743/charges
	
	{
	"criteria": {
	"hotelId": "SAND01",
	"charges": [
	{
	"transactionCode": "2000",
	"articleCode": "",
	"price": {
	"amount": 27.50,
	"currencyCode": "USD"
	},
	"postingQuantity": -1,
	"postingReference": "Restaurant Breakfast",
	"postingRemark": "Breakfast Buffet",
	"checkNumber": "240527001",
	"arrangementCode": "",
	"applyRoutingInstructions": false,
	"usePackageAllowance": false,
	"autoPosting": true,
	"financialTransactionIdList": [
	{
	"id": "Vendor trans ID",
	"type": "string"
	}
	],
	"folioWindowNo": 1,
	"cashierId": 113
	},
	{
	"transactionCode": "2010",
	"articleCode": "",
	"price": {
	"amount": 10.50,
	"currencyCode": "USD"
	},
	"postingQuantity": -1,
	"postingReference": "Restaurant Lunch Food",
	"postingRemark": "Lunch Food",
	"checkNumber": "240527001",
	"arrangementCode": "",
	"applyRoutingInstructions": false,
	"usePackageAllowance": false,
	"autoPosting": true,
	"financialTransactionIdList": [

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Question	Answer


```
                    {
                        "id": "Vendor trans ID",
                        "type": ""
                    }
                ],
                "folioWindowNo": 1,
                "cashierId": 113
            }
        ],

        "reservationId": {
            "url": "string",
            "type": "string",
            "instance": "string",
            "idContext": "string",
            "id": "164743",
            "idExtension": 0
        },
        "incomeAuditDate": "2021-11-22",
        "postIt": false,
        "cashierId": 113,
        "welcomeOfferPosting": true
    },
    "links": [
        {
            "href": "string",
            "rel": "string",
            "templated": false,
            "method": "GET",
            "targetSchema": "string",
            "operationId": "string",
            "title": "string"
        }
    ]
}
```

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Question	Answer
	After a successful void posting, the charge can be sent to the correct reservation.

Is guest allowed to post charges to a room when the "reservationIndicator" shows "NOPOST"?
What does the NO POST indicator means?
	The NO POST flag set active in the Payment Instructions of a reservation indicates that no automatic charges (from external systems) are allowed.
	Usually a reservation will get the NO POST flag set when guests have no credit limit allowed because they might pay their bill for the whole stay in advance, or the chosen payment method for their reservation does not allow any credit = postings to the reservation account.
	Only charges to this account are allowed, which are directly paid at the front desk.
	The NoPost indicator can be retrieved using reservationIndicators within the getReservations operation.
	getReservations
	
	`"reservationIndicators": [`
	`{`
	`"indicatorName": "NOPOST"`
	`},`
	
	or within the NEW/UPDATE RESERVATION BusinessEvent
	UPDATE RESERVATION BE
	
	`{`
	`"dataElement": "NO POST",`
	`"oldValue": "N",`
	`"newValue": "Y"`
	`},`
	
	When a reservation has the above value (indicatorName: "NOPOST" or dataElement: "NO POST" = "Y"), then the reservation has the NO POST flag active. This means that no charges can be made to the guest reservation.

Is it possible to display the Postings of one guest check in one row in the reservation Billing?	Yes, this is possible. Ensure the OPERA Cloud Controls / Cashiering Parameter "RollUp Transaction" is enabled.
A charge amount can be sent with or without tax included. How do I fine out if I need to send the tax amount with the revenue amount?	If the transaction code includes TAX, you are expected to post the Gross Amount. If the transaction code excludes TAX, you are expected to post the NET amount. OPERA Cloud automatically posts the related tax amounts. You can use the FrontDesk Configuration operation getTransactionCode to determine if each transaction code is Tax included or excluded.

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5

Limitations and Constraints

Limitations and Constraints

Known limitations and constraints in the solution.

1. It is currently required to send the reservationId of the account to which the charge is to be posted. It is not possible to simply post a charge against a room/roomId.
2. Posting phone charges by only transmitting meter pulses/units or by transmitting call length and dialed digit (= amount calculation in PMS) is not possible.

   The final phone charge amount to charge must be sent in the postBillingCharges operation.
3. Transmitting phone charges for non-revenue line numbers (for example, employee phones, office phones) is currently not possible as the postBillingCharge operation requires a reservationId.

> **Note**
>
> We are working on creating an operation that simplifies the phone postings by using the roomId. Also, this operation would not require sending the reservationId to properly post phone charges into OPERA Cloud PMS.

Anti-patterns

These are things to avoid during implementation.

To learn more about functional, non-functional, and technical anti-patterns, refer to the Anti-Patterns topic in the latest OHIP user guide.

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