

**Oracle® Hospitality Suite8**  
OTA XML Interface Specifications  
Release 8.10.2 and higher

December 2017

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# Preface

## Audience

This technical specification for the OTA XML Interface is intended for system administrators and installers familiar with Suite8 and OTA XML Interface.

## Customer Support

To contact Oracle Customer Support, access My Oracle Support at the following URL:  
<https://support.oracle.com/>

When contacting Customer Support, please provide the following:

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

## Documentation

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

## Revision History

Date	Description of Change
January, 2013	<ul style="list-style-type: none"><li>• Suite8 8.9.3.0 Feature officially released</li></ul>
May, 2014	<ul style="list-style-type: none"><li>• 8.9.5.0 – Added non-disclosure agreement</li></ul>
May, 2014	<ul style="list-style-type: none"><li>• 8.9.5.1 – Added package handling for reservation download</li></ul>
September, 2014	<ul style="list-style-type: none"><li>• 8.9.5.2 – Updated to meet latest OTA specifications</li></ul>
July, 2015	<ul style="list-style-type: none"><li>• 8.9.6.2 – Add 'OTA_ProfileCreateRQ' request for profile upload</li></ul>
April, 2016	<ul style="list-style-type: none"><li>• Add TPA_Extensions for 'OTA_ProfileCreateRQ' to indicate profile merge message. TPA_Extensions shows profile id of merged and inactive profile</li><li>• Add TPA_Extensions/LockedRoom for reservation upload if the reservation cannot be moved</li></ul>
May, 2016	<ul style="list-style-type: none"><li>• Adjust OTA_HotelInvCountNotifRQ/OTA_HotelAvailNotifRQ to send explicitly Out of Order/Housekeeping status value.</li></ul>

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June, 2016	<ul style="list-style-type: none"><li>• Add ParentCompanyRef for Email, Telephone, Address and CreatorID for comments with the corresponding Suite8 record id to Profile data for OTA_ProfileCreateRQ and for OTA_HotelReservationNotifRQ</li></ul>
March, 2017	<ul style="list-style-type: none"><li>• New Download messages OTA_HotelAvailNotifRQ/OTA_HotelAvailNotifRS and OTA_HotelRatePlanNotifRQ/OTA_HotelRatePlanNotifRS. New Upload messages OTA_HotelInvBlockNotifRQ/OTA_HotelInvBlockNotifRS and OTA_HotelStatsNotifRQ/OTA_HotelStatsNotifRS</li></ul>
June, 2017	<ul style="list-style-type: none"><li>• Removed 'Internal' watermark and removed 'Confidential – Oracle Internal' footer as the specifications are for external vendors</li><li>• Corrected page numbers in the table</li></ul>
July, 2017	<ul style="list-style-type: none"><li>• 8.10.2.20 - Adjusted OTA_HotelAvailNotifRQ, OTA_HotelInvCountNotifRQ, OTA_HotelBookingRuleNotifRQ, OTA_HotelRatePlanNotifRQ, OTA_HotelRateAmountNotifRQ, OTA_HotelResNotifRQ to support Bed Management.</li></ul>

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# 1 OTA XML Interface

## Introduction

The OTA XML Interface is a Two Way Interface, it downloads data from a Central Reservation System and it uploads data from Suite8 to a Central Reservation System. OTA, the **Open Travel Alliance**, is a non-profit organization which develops open data transmission specifications for the electronic exchange of business information for the travel industry. OTA XML Interface supports the following functionality:

### Download (OTA format 2011B)

- Reservation from CRS using OTA\_HotelResNotifRQ/OTA\_HotelResNotifRS
- Room Type / House overbooking using OTA\_HotelAvailNotifRQ/OTA\_HotelAvailNotifRS
- Hurdle (decisions) using OTA\_HotelAvailNotifRQ/OTA\_HotelAvailNotifRS
- Rate Code (only basics) using OTA\_HotelRatePlanNotifRQ/OTA\_HotelRatePlanNotifRS

For the upload the interface offers two different OTA XML formats to provide more flexibility for the CRS.

### Upload (OTA format 2011B)

- Room Availability
  - OTA\_HotelInvCountNotifRQ/OTA\_HotelInvCountNotifRS
  - OTA\_HotelAvailNotifRQ/OTA\_HotelAvailNotifRS
- Rate Availability
  - OTA\_HotelAvailNotifRQ/OTA\_HotelAvailNotifRS
  - OTA\_HotelBookingRuleNotifRQ/OTA\_HotelBookingRuleNotifRS
- Rate Room Type Availability
  - OTA\_HotelAvailNotifRQ/OTA\_HotelAvailNotifRS
  - OTA\_HotelBookingRuleNotifRQ/OTA\_HotelBookingRuleNotifRS
- Rate Code
  - OTA\_HotelRatePlanNotifRQ/OTA\_HotelRatePlanNotifRS
  - OTA\_HotelRateAmountNotifRQ/OTA\_HotelRateAmountNotifRS
- Reservation
  - OTA\_HotelResModifyNotifRQ/OTA\_HotelResModifyNotifRS (2003B)
  - OTA\_HotelResNotifRQ/OTA\_HotelResNotifRS
- Profile
  - OTA\_ProfileCreateRQ/OTA\_ProfileCreateRS
- Blocks

- 
- OTA\_HotelInvBlockNotifRQ/OTA\_HotelInvBlockNotifRS
  - Night Audit Statistics
    - OTA\_HotelStatsNotifRQ/OTA\_HotelStatsNotifRS

For the upload of bookings, it is highly recommend using **OTA\_HotelResNotifRQ/OTA\_HotelResNotifRS**.

**OTA\_HotelResModifyNotifRQ/OTA\_HotelResModifyNotifRS** are used for uploading basic booking elements, whereas the format (OTA 2011B) uploads also profiles and other booking elements. Installation



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## 2 OTA Format Description

### OTA Format Description

This section gives a detailed description of the OTA formats and the used elements. The format of the XML is UTF-8 and formatting rules for the XML Interface apply. All XML messages exchanged must have this xml processing instructing:

```
<?xml version="1.0" encoding="UTF-8"?>
```

The following data formats must be used to be compliant with the OTA XML Interface:

Date Format:	YYY-MM-DD
Date Time Format:	YYY-MM-DDTHH:MM:SS
Numeric:	99999999
Alpha Numeric:	A-Za-z0-9
Boolean:	true, false
Decimal:	99999.99
Decimal Separator:	'.'

If a value does not exist or is not used, the element or attribute may not be sent.

The following lists each detail of the OTA request and response message pairs, referring to OTA Version 2011B:

## OTA\_HotelResNotifRQ/OTA\_HotelResNotifRS

Table 1 - OTA\_HotelResNotifRQ

Element/@Attribute	Occ.	Data Type	Description	Mandatory
OTA_HotelResNotifRQ	1	Root	Root node of the message.	Y
@EchoToken	1	AN	Unique id created by CRS. Will be used also for the response.	Y
@TimeStamp	1	DTF	Time stamp of the message.	Y
@Target	1	AN	Must be 'Production'.	Y
@Version	1	NUM	1.003.	Y
POS/Source	1		Point of Sale information.	Y
RequestorID	1	AN	Credentials to identify the sender.	Y
@Type	1	NUM	OTA_CodeType Unique Id Type. Always 13 = Internet Broker.	Y
@ID	1	AN	User name. Will be provided by the PMS.	Y
@MessagePassword	1	AN	Password. Will be provided by the PMS.	Y
@ID_Context	1	AN	Vendor id, used to identify correct CRS. Will be provided by the PMS i.e. Expedia.	Y
BookingChannel/ CompanyName	0..1			N
@Code		AN	Channel Code. Will be translated if sent. A default code can be setup.	
HotelReservations/ HotelReservation	1..n		A complete CRS reservation.	Y
@CreateDateTime	1	DTF	Creation date of the booking.	N

				If sent it will be stored in custom field of the booking.	
@ResStatus	0..1	AN		Indicates status of sent reservation. If sent only "Cancel" is allowed. Is used to indicate the complete cancellation of a CRS reservation. Not sent for partial cancellation of a room stay.	N
RoomStays/RoomStay	0..n	Root		Represents a complete room stay. Per room stay the interface will create a booking. It must be sent at least one element, besides a complete cancellation is sent.	N
@IndexNumber	1	AN		Identifier used to create unique CRS id in the PMS. The unique CRS id in PMS is the combination of the CRS id and this @IndexNumber. i.e. CRS id = AB12345. @IndexNumber = 1. The CRS id will be AB12345-1.	Y
@RoomStayStatus	1	AN		Indicates the status of the booking. Following values are allowed: Commit = New Booking Modify = Amendment Cancel = partial cancellation	Y
@MarketCode	0..1	AN		Market Code. Will be translated if sent. A default value can be setup.	N

@SourOfBusiness	0..1	AN	Source Code. Will be translated if sent. A default value can be setup.	N
RoomTypes/RoomType	1			Y
@RoomTypeCode	1	AN	Room Type / Bed Type. Will be translated. A default value can be setup. i.e. Double.	Y
@NumberOfUnits	1	NUM	Must be at least 1.	Y
@IsRoom	1	Bool	Indicates whether the code in @RoomTypeCode represents a room type or a bed type.	Y
@RoomID	0..1	NUM	Is a room number. Can only be set if @NumberOfUnits equal 1 and it corresponds with the sent @RoomTypeCode.	N
RoomRates/RoomRate	1..n		Description of the booked rate codes and rates.	Y
@ RatePlanCode	1	AN	Rate Code. Will be translated. A default value can be setup.	Y
@ EffectiveDate	1	DF	The start date of the rate code. If only one RoomRate is sent, this must be the arrival date of the booking.	Y
@ ExpireDate	1	DF	The end date of the rate code. If only one RoomRate is sent, this must be the departure date of the booking.	Y
RoomRates/RoomRate/ Rates/Rate	0..n		Price description. If not sent price is used from translated rate code.	N

@ EffectiveDate	1	DF	The start date of the price. If only one Rate is sent, this must be start date of the Rate Code.	Y
@ ExpireDate	1	DF	The end date of the price. If only one Rate is sent, this must be the end date of the Rate Code.	Y
RoomRates/RoomRate/ Rates/Rate/Base	1			Y
@CurrencyCode	1	AN	Currency of the rate. It will be translated. A default value can be setup.	Y
@AmountAfterTax	0..1	DEC	The gross rate. Either this or @AmountBeforeTax must be sent.	N
@AmountBeforeTax	0..1	DEC	The net rate.	N
GuestCounts/GuestCount	1..n		List of number and type of persons.	Y
@Count	1	NUM	Number of persons.	Y
@ AgeQualifyingCode	1	NUM	OTA_CodeType. Supported values are: 10 = Adults 9 = Teenager 8 = Children 7 = Infant	Y
TimeSpan	1		Describes the stay days.	Y
@Start	1	DF	Arrival date of the booking.	Y
@End	1	DF	Departure date of the booking.	Y
Guarantee	0..1		Guarantee description.	N
@GuaranteeType	0..1	AN	Guarantee type. Will be translated if sent. A default value can be setup.	N

GuaranteesAccepted/ GuaranteeAccepted/ PaymentCard	0..1		Credit Card description.	N
@CardCode	1	AN	Type of credit card. i.e. AX or MC.	Y
@CardNumber	1	NUM	Credit card number.	Y
@ExpireDate	1	NUM	Expiry date of the card. Format MMYYY. i.e. 0714 .	Y
@SeriesCode	1	NUM	Validation code of the card.	Y
@CardHolderName	1	AN	The name on the card.	Y
CancelPenalties/CancelPenalty	0..1		The policy code.	N
@PolicyCode	1	AN	The code like 4PM. Will be converted.	N
Deasline	1			N
@AbsoluteDeadline	1	DF	Date and time of latest cancellation without fee. i.e. 2015-10- 01T16:00:00.000.	N
BasicPropertyInfo	1			Y
@HotelCode	1	AN	Hotel Code. Will be verified against hotel code setup for the interface.	Y
ResGuestRPHs/ ResGuestRPH	1..n		Link to the guest profiles in ResGuest.	Y
@RPH	1	NUM	Id used to link the guest profiles from ResGuest to this booking.	Y
Comments/Comment	0..1		Comments stored as booking notes.	N
@GuestViewable	1	NUM	1 = viewable, 0 = not viewable.	Y
@CreatorID	0..1	AN	Internal table id of the comment record in Suite8.	N
Text	1	AN	Reservation comment.	Y
SpecialRequests/ SpecialRequest	0..n			N

@RequestCode	1	AN	Indicates the type of request. FEA = Feature, SPE = Special. Will be translated if sent. No default should be setup.	Y
@Text	1	AN	The code of the request. i.e. TOW = Extra Towels as special or NSM = non-smoking as feature.	Y
DepositPayments/ GuaranteePayment	0..1			N
AmountPercent	1			
@Amount	0..1	DEC	Is the amount of the deposit or of the payment Optional for deposit and mandatory for payment.	Y/N
@Percent	0..1	DEC	The percentage of the deposit. Not used for payments.	N
@CurrencyCode	0..1	AN	Currency code of the payment. Not needed for deposit.	N
Deadline	0..1			N
@AbsoluteDeadline	1		Due date of the deposit. If not sent reservation arrival date is used. Not used for payments.	Y
AcceptedPayments/ AcceptedPayment/ PaymentCard	0..1		Indicates, that the sent GuaranteePayment is a payment and not a deposit.	N
@CardCode	1	AN	Type of credit card. i.e. AX or MC.	Y
@CardNumber	1	NUM	Credit card number.	Y
@ExpireDate	1	NUM	Expiry date of the card. Format MMY. i.e. 0714.	Y

@SeriesCode	1	NUM	Validation code of the card.	Y
@CardHolderName	1	AN	Name on the card.	Y
ServiceRPHs/ServiceRPH	0..n		Link to service element.	N
@RPH	1	NUM	Id used to link service to the corresponding booking.	Y
TPA_Extensions	0..1			
TPA_Extensions/ CancellationDetail	1		Cancellation information for the room stay.	Y
@CancelDate	1	DTF	Time stamp of cancellation.	Y
@CancelReason	1	AN	Reason of cancellation. Will be translated if sent. Default value must be setup.	Y
@CancelID	0..1	AN	CRS cancellation id.	N
ResGuests/ResGuest	0..n	Root	List of guest profiles. Must be sent for new or modified bookings. Must not be sent for a complete cancellation.	N
@ResGuestRPH	1	NUM	Id which links the guest profile to the corresponding room stay.	Y
Profiles/ProfileInfo	1..n		Guest profile.	Y
Profiles/ProfileInfo/Profile	1		Guest data.	Y
@ProfileType	1	NUM	OTA_CodeType Profile Type. Allowed value is 1 = Guest Profile	Y
Profiles/ProfileInfo/ Profile/Customer	1		Customer data.	Y
@Language	0..1	AN	Language code. Will be translated if sent. A default value can be setup.	N



@Gender	0..1	AN	Gender of the guest. Only M or F is allowed.	N
@BirthDate	0..1	DF	Birth date of the guest.	N
Profiles/ProfileInfo/ Profile/Customer/ PersonName	1			Y
NamePrefix	0..1	AN	Salutation code. Will be translated if sent. No default value should be setup. i.e. Mr.	N
GivenName	1	AN	First name of the guest.	Y
Surname	1	AN	Last name of the guest.	Y
NameTitle	0..1	AN	Title of the guest like Dr. or Prof.	N
Profiles/ProfileInfo/ Profile/Customer/ Telephone	0..n		List of phone numbers.	N
@PhoneNumber	1	AN	Phone number of the guest.	Y
@PhoneTechType	1	NUM	OTA_CodeType. Phone Technology Type. Supported values are 1,3,5.	Y
@PhoneLocationType	1	NUM	OTA_CodeType. Phone Location Type. Supported values are 6,7.	Y
@ParentCompanyRef	0..1	AN	Internal table id of the phone record in Suite8.	N
@DefaultInd	0..1	BOO	Indicates whether the phone is the primary one.	N
Profiles/ProfileInfo/ Profile/Customer/ Email	0..n		Email address of the guest.	N
@EmailType	1	NUM	OTA_CodeType. Email Address Type. Supported values are 1,2.	Y

@DefaultInd	0..1	BOO	Indicates whether the email is the primary one.	N
@ParentCompanyRef	0..1	AN	Internal table id of the phone record in Suite8.	N
Profiles/ProfileInfo/Profile/Customer/ URL	0..n		Homepage of the guest.	N
@DefaultInd	0..1	BOO	Indicates whether the homepage is the primary one.	N
@ParentCompanyRef	0..1	AN	Internal table id of the homepage record in Suite8	N
Profiles/ProfileInfo/Profile/Customer/ Address	0..n		List of addresses.	N
@Type	0..1	NUM	If sent OTA_CodeTypes are used: 1 = Home 2 = Business 3 = Other If not sent we use profile type to determine the address type guest has always home all other profile types have Business.	N
@ParentCompanyRef	0..1	AN	Internal table id of the address record in Suite8.	N
@DefaultInd	0..1	BOO	Indicates whether the address is the primary one.	N
AddressLine	0..3	AN	Max 3 address line.	N
CityName	0..1	AN	City.	N
PostalCode	0..1	AN	Postal Code.	N
CountryName/@Code	0..1			N
@Code	1	AN	Country ISO3 Code. Will be translated. A default value should be setup.	Y

StateProv	0..1	AN	State code. Will be translated if sent. No default value should be setup.	N
Profiles/ProfileInfo/ Profile/Customer/ CustLoyalty	0..n		Customer (loyalty Card information.	N
@ProgramID	1	AN	Card type. Will be translated if sent. No default should be setup.	Y
@MembershipID	1	AN	Number on the card.	Y
@LoyalLevel	0..1	AN	Level of Card.	N
HotelReservations/ HotelReservation/Services/Service	0..n	Root	Bookable inventory item or packages of the hotel.	N
@ServiceRPH	1	NUM	Id linking the service to the corresponding booking.	Y
@ServiceInventoryCode	1	AN	Inventory/Package Code. Will be translated if sent. No default should be setup. i.e. for Inventory BC = Baby Cot, BEA = Beamer i.e for Package SPA = Spa package GO = Golf package	Y
@Quantity	1	NUM	Number of Inventory Items. Mandatory for Inventory Items.	Y/N
@Inclusive	1	BOO	Indicates whether the package is inclusive or not. Mandatory only for packages.	Y/N
HotelReservations/ HotelReservation/Services/Service/ ServiceDetails/TimeSpan	1		Date Range of the Inventory Item. Mandatory only for Inventory Items.	Y/N

@Start	0..1	DF	1 <sup>st</sup> day of the Inventory Item. If the timespan is not sent the Inventory Item will be booked for the whole stay.	N
@End	0..1	DF	Last day of the Inventory Item.	N
Services/Service/Price	0..n		Price element for packages.	Y/N
@EffectiveDate	1	DF	1 <sup>st</sup> day of the package.	Y
@ExpireDate	1	DF	Last day of the package.	Y
@NumberOfUnits	1	NUM	Quantity of the package.	Y
HotelReservations/ HotelReservation /Services/Service/Price/Base	1		Rate element of the package.	Y
@AmountAfterTax	0..1	DEC	The gross rate of the package. Either this or @AmountBeforeTax must be sent.	N
@AmountBeforeTax	0..1	DEC	The net rate of the package.	N
ResGlobalInfo	1	Root	Global information to the booking.	Y
HotelReservations/ HotelReservation/ Comments/Comment	0..n		Comments linked to all bookings.	N
@GuestViewable	1	NUM	1 = viewable, 0 = not viewable.	Y
@CreatorID	0..1	AN	Internal table id of the comment record in Suite8.	N
Text	1	AN	Comment.	Y
Profiles/ProfileInfo	0..2		Extra profiles like Company and/or Travel Agent linked to all bookings.	N
Profiles/ProfileInfo/ UniqueID	0..1			

@Type	1	NUM	OTA_CodeType. Unique Id type. Supported values are 4,5.	Y
@ID	1	AN	Unique CRS profile id or IATA id.	Y
Profiles/ProfileInfo/ Profile			Profile data.	
@ProfileType	1	NUM	OTA_CodeType Profile Type. Allowed values are: 3 = Company 4 = Travel Agent	Y
Profiles/ProfileInfo/ Profile/CompanyInfo	1			Y
CompanyName	1	AN	Name of company or Travel Agent.	Y
TelephoneInfo	0..n		Phone numbers of the company or Travel Agent.	N
@PhoneNumber	1	AN	Phone number of the company or Travel Agent.	Y
@PhoneTechType	1	NUM	OTA_CodeType. Phone Technology Type. Supported values are 1,3,5.	Y
@PhoneLocationType	1	NUM	OTA_CodeType. Phone Location Type. Supported values are 6,7.	Y
@DefaultInd	0..1	BOO	Indicates whether the phone is the primary one.	N
@ParentCompanyRef	0..1	AN	Internal table id of the phone record in Suite8.	N
Email	0..n		Email address of the guest.	N
@EmailType	1	NUM	OTA_CodeType. Email Address Type.	Y

			Supported values are 1,2.	
@DefaultInd	0..1	BOO	Indicates whether the email is the primary one.	N
@ParentCompanyRef	0..1	AN	Internal table id of the email record in Suite8.	N
URL	0..n		Homepage of the company.	N
@DefaultInd	0..1	BOO	Indicates whether the homepage is the primary one.	N
@ParentCompanyRef	0..1	AN	Internal table id of the homepage record in Suite8.	N
AddressInfo	0..1		Address information of the company or Travel Agent.	N
@DefaultInd	0..1	BOO	Indicates whether the address is the primary one.	N
@ParentCompanyRef	0..1	AN	Internal table id of the address record in Suite8.	N
AddressLine	0..3	AN	Max 3 address line.	N
CityName	0..1	AN	City.	N
PostalCode	0..1	AN	Postal Code.	N
CountryName/@Code	0..1			N
@Code	1	AN	Country ISO3 Code. Will be translated. A default value should be setup.	Y
StateProv	0..1	AN	State code. Will be translated if sent. No default value should be setup.	N
Profiles/ProfileInfo/Profile/Comments/Comment	0..n		Comments linked to the profile.	N
@GuestViewable	1	NUM	1 = viewable, 0 = not viewable.	Y

@CreatorID	0..1	AN	Internal table id of the comment record in Suite8.	N
Text	1	AN	Comment.	Y
HotelReservationIDs/ HotelReservationID	1			Y
@ResID_Type	1	NUM	OTA_CodeType. Unique Id Type. Allowed value is 14.	Y
@ResID_Value	1	AN	CRS id.	Y
@ ResID_Source	0..1	AN	Possible CRS Channel Number which become part of the CRS id in Suite8.	N
TPA_Extensions (only download)	1		Only necessary for complete cancellation.	N
TPA_Extensions/ BasicPropertyinfo	1			
@HotelCode	1	AN	Hotel Code. Will be verified against hotel code setup for the interface.	Y
TPA_Extensions/ CancellationDetail	0..1		Cancellation information.	N
@CancelDate	1	DTF	Time stamp of cancellation.	Y
@CancelReason	1	AN	Reason of cancellation. Will be translated if sent. Default value must be setup.	Y
@CancelID	0..1	AN	CRS cancellation id.	N
TPA_Extensions (only upload)	1			Y
TPA_Extensions/LockedRoom	1	BOO	Indicates whether the reservation can be moved or not.	Y

**Table 2 - OTA\_HotelResNotifRS**

Element/@Attribute	Occ.	Data Type	Description	Mandatory
OTA_HotelesNotifRS	1	Root	Root node of the message.	Y
@EchoToken	1	AN	In case this is a response on a CRS request, this is the echo token form the request.	Y
@TimeStamp	1	DTF	Time stamp of the response message.	Y
@Version	1	NUM	1.000.	Y
@ ResResponseType	1	AN	It represents the status of the reservation. Possible values are: Committed = Request were processed Unsuccessful = request denied	
Success	0..1		Empty element sent if the request were processed successfully.	N
Warnings/Warning	0..n	AN	Warning messages.	N
@Code	0..1	AN	Warning code.	N
Errors/Error	0..n	AN	Error messages.	N
@Code	0..1	AN	Error code.	N
HotelReservations/HotelReservation/ResGlobalInfo/ HotelReservationIDs/HotelReservationID	1..2		List of possible ids of the reservation.	Y
@ResID_Type	1	NUM	Indicates the type of Id. 10 = CRS Id, 14 = PMS Id.	Y
@ResID_Value	1	AN	Id of the reservation.	Y



## OTA\_HotelInvCountNotifRQ/OTA\_HotelInvCountNotifRS

This pair of OTA messages is used to send the Room Type availability to the Central Reservation System and to receive the response. The response is not validated automatically, but stored as backup.

**Table 3 - OTA\_HotelInvCountNotifRQ**

Element/@Attribute	Occ.	Data Type	Description	Mandatory
OTA_HotelInvCountNotifRQ	1	Root	Root node of the message.	Y
@TimeStamp	1	DTF	Time stamp of the request message.	Y
@Version	1	NUM	1.000.	Y
POS/Source	1	Root	Point of Sale information.	Y
@AgentSine	1	AN		Y
@AgentDutyCode	1	AN		Y
RequestorID	1	Root		Y
@URL	1	AN		N
@Type	1	AN		Y
@ID	1	Root		Y
	1			Y
Inventories/Inventory	1	Root		Y
@HotelCode	1	AN	Hotel code.	Y
Inventory	1..n	Root		
StatusApplicationControl	1	Root		Y
@Start	1	DF	First day of availability.	Y
@End	1	DF	Last day of availability.	Y
@IsRoom	1	BOOL	Indicates whether a room or bed type inventory is sent.	Y
@InvCode	1	AN	Room Type code. Will be translated. In case @IsRoom = False it represents the linked room type.	Y
@InvTypeCode	0..1	AN	In case the message has @CountType = 6 this represents the room number.	N

@InvType	0..1	AN	In case the message has @CountType = 0 this represents the housekeeping status. In case the @CountType = 2 and @IsRoom is false this represents the bed type. Housekeeping status for bed types is not supported at the moment.	N
InvCounts/InvCount	1	Root		Y
@Count	1	NUM	Number of rooms of room type available.	Y
@CountType	1	NUM	Indicates type of message according OTA Code Type INV: 0 = Housekeeping status 2 = Definitive availability 6 = Out of order	Y

**Table 4 - OTA\_HotelInvCountNotifRS**

Element/@Attribute	Occ.	Data Type	Description	Mandatory
OTA_HotelInvCountNotifRS	1	Root	Root node of the message.	Y
@TimeStamp	1	DTF	Time stamp of the response message.	Y
@Version	1	NUM	1.000.	Y
Success	0..1		Empty element must be sent, if request was successful.	N
Warnings/Warning	0..n	AN	Warning messages.	N
@Code	0..1	AN	Warning code.	N
Errors/Error	0..n	AN	Error messages.	N
@Code	0..1	AN	Error code.	N

## OTA\_HotelAvailNotifRQ/ OTA\_HotelAvailNotifRS

This pair of OTA messages is used to send the Rate Code or Rate Room Type availability to the Central Reservation System and to receive the response. The response is not

validated automatically, but stored as backup. It is also used as alternative XML Format for the Inventory Upload.

**Table 5 - OTA\_HotelAvailNotifRQ**

Element/@Attribute	Occ.	Data Type	Description	Mandatory
OTA_HotelAvailNotifRQ	1	Root	Root node of the message.	Y
@TimeStamp	1	DTF	Time stamp of the request message.	Y
@Version	1	NUM	1.002.	Y
POS/Source	1	Root	Point of Sale information.	Y
@AgentSine	1	AN		Y
@AgentDutyCode	1	AN		Y
RequestorID	1	Root		Y
@URL	1	AN		N
@Type	1	AN		Y
@ID	1	AN		Y
AvailStatusMessages	1	Root		Y
@HotelCode	1	AN	Hotel Code.	Y
AvailStatusMessage/ StatusApplicationControl	1..n	Root		Y
@Start	1	DF	First day of availability.	Y
@End	1	DF	Last day of availability.	Y
@RatePlanCode	1	AN	Rate Code. Will be translated. Not used if it is an inventory upload.	Y
@IsRoom	1	BOOL	Indicates whether a room type or bed type inventory/restriction is sent.	Y
@InvTypeCode	0..1	AN	Room Type. Will be translated. In case @IsRoom = false it represents the linked room type.	N
@InvCode	0..1	AN	In case the message has @BookingLimitMessageType = 6 this represents the room number.	N

@InvType	0..1	AN	In case the message has @CountType = 0 this represents the housekeeping status. In case the @CountType = 2 and @IsRoom is false this represents the bed type. Housekeeping status for bed types is not supported at the moment.	N
AvailStatusMessage	1	Root		Y
@BookingLimit	1	NUM	Number of Rooms available. Only used if availability upload.	Y
@BookingLimitMessageType	1	NUM	Indicates type of message according OTA Code Type INV: 0 = Housekeeping status 2 = Definitive availability 6 = Out of order	Y
AvailStatusMessage/ RestrictionStatus	1	Root	Restriction. Only used for rate availability.	Y
@Restriction	0..1	AN	If sent value is 'Arrival', the attribute Status must be 'Closed', which means 'ClosedToArrival'.	N
@Status	1	AN	Status of Rate Code Open = no restrictions Close = not sellable.	Y
AvailStatusMessage/ LengthsOfStay/ LengthOfStay	0..2	Root	Length of stay restriction. Only used for rate availability.	N
@Time	1	DF	Day of restriction.	Y
@ MinMaxMessageType	1	AN	Indicates type of restriction: SetMinLOS, SetMaxLos, SetForwardMinStay In case of MinLOS/MaxLOS a pair of LengthOfStay elements will be sent. One with SetMinLOS and one with SetMaxLOS. SetForwardMinStay indicates the PMS restriction 'Minimum Stay Through'.	Y

**Table 6 - OTA\_HotelAvailNotifRS**

Element/@Attribute	Occ.	Data Type	Description	Mandatory
OTA_HotelAvailNotifRS	1	Root	Root node of the message.	Y
@TimeStamp	1	DTF	Time stamp of the response message.	Y
@Version	1	NUM	1.001.	Y
Success	0..1		Empty element must be sent, if request was successful.	N
Warnings/Warning	0..n	AN	Warning messages.	N
@Code	0..1	AN	Warning code.	N
Errors/Error	0..n	AN	Error messages.	N
@Code	0..1	AN	Error code.	N

## OTA\_HotelBookingRuleNotifRQ/OTA\_HotelBookingRuleNotifRS

This pair of OTA messages is used as alternative XML format to upload Rate Restrictions.

**Table 7 - OTA\_HotelBookingRuleNotifRQ**

Element/@Attribute	Occ.	Data Type	Description	Mandatory
OTA_HotelBookingRuleNotifRQ	1	Root	Root node of the message.	Y
@TimeStamp	1	DTF	Time stamp of the request message.	Y
@Version	1	NUM	1.000.	Y
POS/Source	1	Root	Point of Sale information.	Y
@AgentSine	1	AN		Y
@AgentDutyCode	1	AN		Y
RequestorID	1	Root		Y
@URL	1	AN		N
@Type	1	AN		Y
@ID	1	Root		Y
RuleMessages	1	Root		Y
@HotelCode	1	AN	Hotel Code.	Y

RuleMessage/ StatusApplicationControl	1	Root		Y
@RatePlanCode	1	AN	Rate Code. Will be translated.	Y
@IsRoom	1	BOO L	Indicates whether a room type or bed type caused the message.	N
@InvTypeCode	1	AN	Room Type. Will be translated if used. In case @IsRoom = false it represents the linked room type.	N
@InvCode	1	AN	Bed Type if @IsRoom = false. Will be translated.	N
RuleMessage/BookingRules/ BookingRule	1	Root		Y
@Start	1	DF	Start date of restriction.	Y
@End	1	DF	End date of restriction.	Y
RuleMessage/BookingRules/ BookingRule/RestrictionStatus				
@Restriction	0..1	AN	If sent value is 'Arrival', the attribute Status must be 'Closed', which means 'ClosedToArrival'.	N
@Status	1	AN	Status of Rate Code Open = no restrictions Close = not sellable.	Y
RuleMessage/BookingRules/ BookingRule/LengthsOfStay/ LengthOfStay	0..2	Root	Length of stay restriction.	N
@Time	1	DF	Day of restriction.	Y

@ MinMaxMessageType	1	AN	Indicates type of restriction: SetMinLOS, SetMaxLos, SetForwardMinStay. In case of MinLOS/MaxLOS a pair of LengthOfStay elements will be sent. One with SetMinLOS and one with SetMaxLOS. SetForwardMinStay indicates the PMS restriction 'Minimum Stay Through'.	Y
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**Table 8 - OTA\_HotelBookingRuleNotifRS**

Element/@Attribute	Occ.	Data Type	Description	Mandatory
OTA_HotelBookingRuleNotifRS	1	Root	Root node of the message.	Y
@TimeStamp	1	DTF	Time stamp of the response message.	Y
@Version	1	NUM	1.000.	Y
Success	0..1		Empty element must be sent, if request was successful.	N
Warnings/Warning	0..n	AN	Warning messages.	N
@Code	0..1	AN	Warning code.	N
Errors/Error	0..n	AN	Error messages.	N
@Code	0..1	AN	Error code.	N

## OTA\_HotelRatePlanNotifRQ/OTA\_HotelRatePlanNotifRS

This pair of OTA messages is used to send the Rate Code and the rates to the Central Reservation System and to receive the response. The response is not validated automatically, but only stored as backup.

**Table 9 - OTA\_HotelRatePlanNotifRQ**

<b>Element/@Attribute</b>	<b>Occ.</b>	<b>Data Type</b>	<b>Description</b>	<b>Mandatory</b>
OTA_HotelRatePlanNotifRQ	1	Root	Root node of the message.	Y
@TimeStamp	1	DTF	Time stamp of the request message.	Y
@Version	1	NUM	2.001.	Y
POS/Source	1	Root	Point of Sale information.	Y
@AgentSine	1	AN		Y
@AgentDutyCode	1	AN		Y
RequestorID	1	Root		Y
@URL	1	AN		N
@Type	1	AN		Y
@ID	1	Root		Y
RatePlans	1	Root		Y
@HotelCode	1	AN	Hotel Code.	Y
RatePlan	1	Root		Y
@RatePlanCode	1	AN	Rate Code. Will be translated.	Y
@RatePlanType	1	NUM	OTA_CodeType Always 13 = Regular/Rack.	Y
@RatePlanCategory	1	AN	Rate category of the rate code. Will be translated.	Y
@RatePlanCode	1	AN	Rate Code. Will be translated.	Y
@Start	1	DF	Start sell date of rate code.	Y
@End	1	DF	End sell date of rate code.	Y
@CurrencyCode	1	AN	Currency of rate code.	Y
BookingRules/ BookingRule	0..1	Root	Basic booking rule for the rate code.	N
@MinAdvancedBookingOffset	1	NUM	Days in advanced to book the rate code.	Y
LengthsOfStay/ LengthOfStay	0..2	Root	Length of stay restriction.	N
@Time	1	DF	Day of restriction.	Y
@TimeUnit	1	AN	Always 'Day'.	Y



@ MinMaxMessageType	1	AN	Indicates type of restriction: SetMinLOS, SetMaxLos, In case of MinLOS/MaxLOS a pair of LengthOfStay elements will be sent. One with SetMinLOS and one with SetMaxLOS.	Y
Rate	1..n	Root	Rate detail information.	Y
@Start	1	DF	Start date of the rate detail.	Y
@End	1	DF	End date of the rate detail.	Y
@Mon, @Tue, @Weds, @Thur, @Fri, @Sat, @Sun	1	BOOL	false or true is used. In case of simple rate codes, it indicates the valid days within date range. Can be used to handle weekend rates. In case of day type rate, it is not used.	Y
@CurrencyCode	1	AN	Currency code of the rate detail. Will be translated.	Y
@IsRoom	1	BOOL	Indicates whether a room type or a bed type caused the message.	Y
@InvTypeCode	1	AN	Room Type of the rate detail. Will be translated. In case of @IsRoom = false it represents the linked room type.	Y
@InvCode	1	AN	Bed Type of the rate detail. Will be translated. Only sent if @IsRoom = false.	N
BaseByGuestAmts/ BaseByGuestAmt	1..n	Root	Price information per adult, no children prices.	Y
@NumberOfGuests	1	NUM	Number of persons.	
@AgeQualifyingCode	1	NUM	OTA_CodeType. Supported values are: 10 = Adults	Y
@AmountAfterTax	1	DEC	The gross rate.	Y
AdditionalGuestAmounts/ AdditionalGuestAmount	0..1	Root	Extra Adult price and children prices.	N

@AgeQualifyingCode	1	NUM	OTA_CodeType. Supported values are: 10 = Adults 9 = Teenager 8 = Children 7 = Infant	Y
@Amount	1	DEC	The net or gross rate.	Y
@Currency		AN	Currency Code. Will be translated.	Y
@TaxInclusive	1	BOO	Indicates net or gross rate.	Y

**Table 10 - OTA\_HotelRatePlanNotifRS**

Element/@Attribute	Occ	Data Type	Description	Mandatory
OTA_HotelRatePlanNotifRS	1	Root	Root node of the message.	Y
@TimeStamp	1	DTF	Time stamp of the response message.	Y
@Version	1	NUM	3.14.	Y
Success	0..1		Empty element must be sent, if request was successful.	N
Warnings/Warning	0..n	AN	Warning messages.	N
@Code	0..1	AN	Warning code.	N
Errors/Error	0..n	AN	Error messages.	N
@Code	0..1	AN	Error code.	N

## OTA\_HotelRateAmountNotifRQ/OTA\_HotelRateAmountNotifRS

This pair of OTA messages is used as alternative to send the Rate Code and the rates to the Central Reservation System and to receive the response. The response is not validated automatically, but only stored as backup.

**Table 11 - OTA\_HotelRateAmountNotifRQ**

Element/@Attribute	Occ	Data Type	Description	Mandatory
OTA_HotelAmountNotifRQ	1	Root	Root node of the message.	Y

@TimeStamp	1	DTF	Time stamp of the request message.	Y
@Version	1	NUM	1.002.	Y
POS/Source	1	Root	Point of Sale information.	Y
@AgentSine	1	AN		Y
@AgentDutyCode	1	AN		Y
RequestorID	1	Root		Y
@URL	1	AN		N
@Type	1	AN		Y
@ID	1	Root		Y
RateAmountMessages	1	Root		Y
@HotelCode	1	AN	Hotel Code.	Y
RateAmountMessages/ RateAmountMessage/ StatusApplicationControl	1..n	Root	Per room type one entry.	Y
@RatePlanCode	1	AN	Rate Code. Will be translated.	Y
@IsRoom	1	BOOL	Indicates whether a room type or a bed type caused the message.	Y
@InvTypeCode	1	AN	Room Type. Will be translated. In case of @IsRoom = false, it represents the linked room type.	Y
@InvCode	1	AN	Bed Type of the rate detail. Will be translated. Only sent, if @IsRoom = false.	N
@Start	1	DF	Start sell date of rate code.	Y
@End	1	DF	End sell date of rate code.	Y
RateAmountMessages/ RateAmountMessage/ Rates/Rate	1..n	Root	Rate detail information.	Y
@Start	1	DF	Start date of the rate detail.	Y
@End	1	DF	End date of the rate detail.	Y

@Mon, @Tue, @Weds, @Thur, @Fri, @Sat, @Sun	1	NUM	false or true is used. In case of simple rate codes, it indicates the valid days within date range. Can be used to handle weekend rates. In case of day type rates, it is not used.	Y
RateAmountMessages/ RateAmountMessage/ Rates/Rate/ BaseByGuestAmts/ BaseByGuestAmt	1.n	Root	Price information per adult, no children prices.	Y
@NumberOfGuests	1	NUM	Number of persons.	
@AgeQualifyingCode	1	NUM	OTA_CodeType. Supported values are: 10 = Adults	Y
@AmountAfterTax	0..1	DEC	The gross rate. If option 'Use Net Rates' is Off.	N
@AmountBeforeTax	0..1	DEC	The net rate. If option 'Use Net Rates' is ON.	N
@CurrencyCode	1	AN	Currency Code. Will be translated.	Y
AdditionalGuestAmounts/ AdditionalGuestAmount	0..1	Root	Extra Adult price and children prices.	N
@AgeQualifyingCode	1	NUM	OTA_CodeType. Supported values are: 10 = Adults 9 = Teenager 8 = Children 7 = Infant	Y
@Amount	1	DEC	Net or gross rate.	Y
@CurrencyCode	1	AN	Currency Code. Will be translated.	Y
@TaxInclusive	1	BOO	Indicates Net or gross rate.	Y

**Table 12 - OTA\_HotelRateAmountNotifRS**

Element/@Attribute	Occ.	Data Type	Description	Mandatory
OTA_HotelRateAmountNotifRS	1	Root	Root node of the message.	Y

@TimeStamp	1	DTF	Time stamp of the response message.	Y
@Version	1	NUM	1.000.	Y
Success	0..1		Empty element must be sent, if request was successful.	N
Warnings/Warning	0..n	AN	Warning messages.	N
@Code	0..1	AN	Warning code.	N
Errors/Error	0..n	AN	Error messages.	N
@Code	0..1	AN	Error code.	N

## OTA\_HotelResModifyNotifRQ/OTA\_HotelResModifyNotifRS

This pair of OTA messages is an alternative to OTA\_HotelResNotifRQ/OTA\_HotelResNotifRS to upload reservation to CRS. This is an old format which covers much less data of reservation than OTA\_HotelResNotifRQ and it is only mentioned for compatibility to older versions here. It is recommend, to use OTA\_HotelResNotifRQ.

**Table 13 - OTA\_HotelResModifyNotifRQ**

Element/@Attribute	Occ.	Data Type	Description	Mandatory
OTA_HotelResModifyNotifRQ	1	Root	Root node of the message.	Y
@TimeStamp	1	DTF	Time stamp of the message.	Y
@Version	1	NUM	1.000.	Y
POS/Source	1	Root	Point of Sale information.	Y
@AgentSine	1	AN		Y
@AgentDutyCode	1	AN		Y
RequestorID	1	Root		Y
@URL	1	AN		N
@Type	1	AN		Y
@ID	1	AN		Y
HotelResModifies/HotelResModifie	1	Root	A complete reservation.	Y
@CreateDateTime	1	DTF	Creation date of the booking.	Y

@LastModifyDateTime	1	DTF	Time stamp of modification.	Y
UniqueID	1	Root		
@Type	1	NUM	OTA_CodeType value = 10 for Hotel.	Y
@ID	1	NUM	PMS Id.	
RoomStays/RoomStay	1..n	Root	Represents a complete room stay.	Y
RoomTypes/RoomType	1	Root		Y
@IsRoom	1	AN	Indicates whether @RoomTypeCode represents a room type or bed type.	Y
@RoomTypeCode	1	AN	Room Type / Bed Type. Will be translated. A default value can be setup. i.e. Double.	Y
RoomDescription	1	Root		Y
@Text	1	AN	Short description of room type.	Y
RatePlans/RatePlan	1	Root		Y
@ BookingCode	1	AN	Rate Code. Will be translated.	Y
GuestCounts/GuestCount	1..n		List of number and type of persons.	Y
@Count	1	NUM	Number of persons.	Y
@ AgeQualifyingCode	1	NUM	OTA_CodeType. Supported values are: 10 = Adults 9 = Teenager 8 = Children 7 = Infant	Y
TimeSpan	1		Describes the stay days.	Y
@Start	1	DF	Arrival date of the booking.	Y
@End	1	DF	Departure date of the booking.	Y

**Table 14 - OTA\_HotelResModifyNotifRS**

Element/@Attribute	Occ.	Data Type	Description	Mandatory
OTA_HotelResModifyNotifRS	1	Root	Root node of the message.	Y
@TimeStamp	1	DTF	Time stamp of the response message.	Y
@Version	1	NUM	1.001.	Y
Success	0..1		Empty element must be sent, if request was successful.	N
Warnings/Warning	0..n	AN	Warning messages.	N
@Code	0..1	AN	Warning code.	N
Errors/Error	0..n	AN	Error messages.	N
@Code	0..1	AN	Error code.	N

## OTA\_CreateProfileRQ/OTA\_CreateProfileRS

This pair of OTA messages is used to send a new profile or a profile modification to the Central Reservation System and to receive the response. The response is not validated automatically, but stored as backup.

**Table 15 - OTA\_ProfileCreateRQ**

Element/@Attribute	Occ.	Data Type	Description	Mandatory
OTA_ProfileCreateRQ	1	Root	Root node of the message.	Y
@TimeStamp	1	DTF	Time stamp of the message.	Y
@Version	1	NUM	1.002.	Y
@Type	1	NUM	OTA_CodeType. Unique Id type. Supported values are: 1 = Guest Profile Id 4 = Company Profile Id 5 = Travel Agent Profile Id 40 = CRS Profile Id	Y
@ID	1	AN	Unique CRS profile id or IATA id.	Y
@ID_Context	1	An	If it is a PMS profile id the value is 'PMS' otherwise It is the unique vendor Id of the CRS.	Y

Profile	1		Profile Data.	Y
@StatusCode	1	AN		Y
@ProfileType	1	NUM	OTA_CodeType. Unique Id type. Supported values are: 1 = Guest Profile 3 = Company Profile 4 = Travel Agent Profile	Y
Profile/Customer	0..1		Only sent if the profile is a Guest.	N
@Language	0..1	AN	Language code. Will be translated if sent. A default value can be setup.	N
@Gender	0..1	AN	Gender of the guest. Only M or F is allowed.	N
@BirthDate	0..1	DF	Birth date of the guest.	N
Profile/Customer/PersonName	1			Y
NamePrefix	0..1	AN	Salutation code. Will be translated if sent. No default value should be setup. i.e. Mr.	N
GivenName	1	AN	First name of the guest.	Y
Surname	1	AN	Last name of the guest.	Y
NameTitle	0..1	AN	Title of the guest like Dr. or Prof.	N
Telephone	0..n		List of phone numbers.	N
@PhoneNumber	1	AN	Phone number of the guest.	Y
@PhoneTechType	1	NUM	OTA_CodeType. Phone Technology Type. Supported values are 1,3,5.	Y
@PhoneLocationType	1	NUM	OTA_CodeType. Phone Location Type. Supported values are 6,7.	Y
@DefaultInd	0..1	BOO	Indicates whether the phone number is the primary one.	N
@ParentCompanyRef	0..1	AN	Internal table id of the phone record in Suite8.	N
Email	0..n		Email address of the guest.	N
@EmailType	1	NUM	OTA_CodeType. Email Address Type. Supported values are 1,2.	Y
@DefaultInd	0..1	BOO	Indicates whether the email is the primary one.	N



@ParentCompanyRef	0..1	AN	Internal table id of the email record in Suite8.	N
URL	0..n		Homepage of the guest.	N
@DefaultInd	0..1	BOO	Indicates whether the homepage is the primary one.	N
@ParentCompanyRef	0..1	AN	Internal table id of the homepage record in Suite8.	N
Address	0..n		List of addresses.	N
@Type	0..1	NUM	If sent OTA_CodeTypes are used: 1 = Home 2 = Business 3 = Other	Y
@DefaultInd	0..1	BOO	Indicates whether the address is the primary one.	N
@ParentCompanyRef	0..1	AN	Internal table id of the address record in Suite8.	N
AddressLine	0..3	AN	Max 3 address line.	N
CityName	0..1	AN	City.	N
PostalCode	0..1	AN	Postal Code.	N
CountryName/@Code	0..1			N
@Code	1	AN	Country ISO3 Code. Will be translated. A default value should be setup.	Y
StateProv	0..1	AN	State code. Will be translated if sent. No default value should be setup.	N
CustLoyalty	0..n		Customer (loyalty Card) information.	N
@ProgramID	1	AN	Card type. Will be translated if sent. No default should be setup.	Y
@MembershipID	1	AN	Number on the card.	Y
@LoyalLevel	0..1	AN	Level of Card.	N
Profile/CompanyInfo	0..1		Only send if the profile is a Company or Travel Agent.	N
CompanyName	1	AN	Name of company or Travel Agent.	Y
TelephoneInfo	0..n		Phone numbers of the company or Travel Agent.	N

@PhoneNumber	1	AN	Phone number of the company or Travel Agent.	Y
@PhoneTechType	1	NUM	OTA_CodeType. Phone Technology Type. Supported values are 1,3,5.	Y
@PhoneLocationType	1	NUM	OTA_CodeType. Phone Location Type. Supported values are 6,7.	Y
@DefaultInd	0..1	BOO	Indicates whether the address is the primary one.	N
@ParentCompanyRef	0..1	AN	Internal table id of the phone record in Suite8.	N
Email	0..n		Email address of the guest.	N
@EmailType	1	NUM	OTA_CodeType. Email Address Type. Supported values are 1,2.	Y
@DefaultInd	0..1	BOO	Indicates whether the email is the primary one.	N
@ParentCompanyRef	0..1	AN	Internal table id of the email record in Suite8.	N
URL	0..n		Homepage of the company.	N
@DefaultInd	0..1	BOO	Indicates whether the homepage is the primary one.	N
@ParentCompanyRef	0..1	AN	Internal table id of the homepage record in Suite8.	N
AddressInfo	0..1		Address information of the company or Travel Agent.	N
@Type	0..1	NUM	If sent OTA_CodeTypes are used: 1 = Home 2 = Business 3 = Other	Y
@DefaultInd	0..1	BOO	Indicates whether the address is the primary one.	N
@ParentCompanyRef	0..1	AN	Internal table id of the address record in Suite8.	N
AddressLine	0..3	AN	Max 3 address line.	N
CityName	0..1	AN	City.	N
PostalCode	0..1	AN	Postal Code.	N
CountryName/@Code	0..1			N
@Code	1	AN	Country ISO3 Code. Will be translated. A default value should be setup.	Y

StateProv	0..1	AN	State code. Will be translated if sent. No default value should be setup.	N
LoyaltyProgram	0..n		Customer Card Id or IATA Id.	N
@ProgramCode	1	AN	Card type. Will be translated if sent. No default should be setup.	Y
@LoyalLevel	0..1	AN	Level of Card.	N
Comments/Comment	0..n		Comments linked to the profile.	N
@GuestViewable	1	NUM	1 = viewable, 0 = not viewable.	Y
@CreatorID	0..1	AN	Internal table id of the comment record in Suite8.	N
Text	1	AN	Comment.	Y

**Table 16 - OTA\_ProfileCreateRS**

Element/@Attribute	Occ.	Data Type	Description	Mandatory
OTA_ProfileCreateRS	1	Root	Root node of the message.	Y
@TimeStamp	1	DTF	Time stamp of the response message.	Y
@Version	1	NUM	1.001.	Y
Success	0..1		Empty element must be sent, if request was successful.	N
Warnings/Warning	0..n	AN	Warning messages.	N
@Code	0..1	AN	Warning code.	N
Errors/Error	0..n	AN	Error messages.	N
@Code	0..1	AN	Error code.	N

## OTA\_HotellnvBlockNotifRQ/OTA\_HotellnvBlockNotifRS

This pair of OTA messages is used to send block inventory updates to the Central Reservation System and to receive the response. The response is not validated automatically, but stored as backup.

**Table 17 - OTA\_HotellnvBlockNotifRQ**

<b>Element/@Attribute</b>	<b>Occ.</b>	<b>Data Type</b>	<b>Description</b>	<b>Mandatory</b>
OTA_HotelInvBlockNotifRQ	1	Root	Root node of the message.	Y
@TimeStamp	1	DTF	Time stamp of the request message.	Y
@Version	1	NUM	2.000.	Y
POS/Source/RequestorID	1	Root	Point of Sale information.	Y
@Type	1	AN		Y
@ID	1	AN		Y
InvBlocks/HotelRef	1	Root		Y
@HotelCode	1	AN	Hotel Code.	Y
InvBlocks/InvBlock	1	Root		Y
@InvBlockStatusCode	1	AN	Status of the block. Will be translated. i.e. tentative, definite etc.	Y
@ InvBlockTypeCode	1	AN	Always 16.	Y
@ InvBlockCode	1	AN	PMS Block Code.	Y
@ InvBlockLongName	1	AN	Long description of the block.	Y
@ PMS_InvBlockID	1	NUM	Internal PMS Block Id.	Y
@RestrictedBookingCodeList	1	NUM	Always 10.	
@TransactionAction	1	AN	Action Code: Commit = New Block Modify = Update Block Cancel = Cancel Block	Y
InvBlocks/InvBlock/ InvBlockDates	1	Root	Range of the block.	Y
@Start	1	DF	Start date of the block.	Y
@End	1	DF	End date of the block.	Y
@OffsetDuration	0..1	AN	Sent if the block has a cut off days setting. Format is P0Y0M4DT0H0M0S.	Y
@OffsetCalculationMode	0..1	AN	Sent if the block has a cut off date setting. Always BeforeBlockStartDate.	Y
@AbsoluteCutoff	0..1	DF	Sent, if the block has a cutoff date.	Y

InvBlocks/InvBlock/ RoomTypes/RoomType	1.n	Root	Inventory and Price information per Room type.	Y
@RoomTypeCode	1	AN	Room Type / Bed Type. Will be translated As OTA does not provide @IsRoom for this message format, the CRS itself must identify the type. In Suite8 it is recommend not setup blocks with mixed types.	Y
InvBlocks/InvBlock/ RoomTypes/RoomType/ RoomTypeAllocations	1	Root	Inventory of the corresponding room type.	Y
@RoomTypePickUpStatus	1	NUM	Indicates the type of allocation information: 16 = Assigned Allocations 17 = Picked Up values 18 = 16 - 18	Y
InvBlocks/InvBlock/ RoomTypes/RoomType/ RoomTypeAllocations/ RoomTypeAllocation	1	Root	Allocation Information.	Y
@Start	1	DF	Start Date of the allocation.	Y
@End	1	DF	End Date of the allocation.	Y
@NumberOfUnits	1	NUM	Value depending on @RoomTypePickUpStatus.	Y
@SellLimit	1	NUM	Always 0.	Y

**Table 18 - OTA\_HotelInvBlockNotifRS**

Element/@Attribute	Occ.	Data Type	Description	Mandatory
OTA_HotelInvBlockNotifRS	1	Root	Root node of the message.	Y
@TimeStamp	1	DTF	Time stamp of the response message.	Y
@Version	1	NUM	2.000.	Y
Success	0..1		Empty element must be sent, if request was successful.	N
Warnings/Warning	0..n	AN	Warning messages.	N

@Code	0..1	AN	Warning code.	N
Errors/Error	0..n	AN	Error messages.	N
@Code	0..1	AN	Error code.	N

## OTA\_HotelStatsNotifRQ/OTA\_HotelStatsNotifRS

This pair of OTA messages is used to upload statistics running right after the night audit process. These data are the fundament of the corresponding download of hurdle (decision) messages data and to receive response. The response is not validated automatically, but stored as backup.

**Table 19 - OTA\_HotelStatsNotifRQ**

Element/@Attribute	Occ.	Data Type	Description	Mandatory
OTA_HotelStatsNotifRQ	1	Root	Root node of the message.	Y
@TimeStamp	1	DTF	Time stamp of the request message.	Y
@Version	1	NUM	1.002.	Y
POS/Source/RequestorID	1	Root	Point of Sale information.	Y
@Type	1	AN		Y
@ID	1	AN		Y
Statistics/Statistic	1	Root		Y
@HotelCode	1	AN	Hotel Code.	Y
@FiscalDate	1	DF	It is always the hotel date -1.	Y
@ReportCode	1	AN	Following names are used: CurrentDailyPropertyStatistics (1) CurrentDailyRoomTypeStatistics (2) CurrentDailySegmentRoomTypeStatistics (3) PastDailyPropertyStatistics (4) PastDailyRoomTypeStatistics (5) PastDailySegmentRoomTypeStatistics (6)	Y
StatisticApplicationSets/StatisticApplicationSet	1..n	Root	List of statistic date elements.	Y
@Start	1	DF	Start date of the statistic data element.	Y

@End	1	AN	End date of the statistic data element.	Y
StatisticApplicationSets/ StatisticApplicationSet/ StatisticCodes/StatisticCode	0.2	AN	The list of statistic codes. Depending on the type of report it contains the room type and segment (market) code.	N
@StatCode	1	AN	Room type / Segment Code. Will be translated.	Y
@StatCategoryCode	1	NUM	1 = Segment Code 3 = Room Type	Y
StatisticApplicationSets/ StatisticApplicationSet/ RevenueCategorySummaries/RevenueCategorySummary	1	Root	List of revenue category summaries. It is always present.	Y
@RevenueCategoryCode	1	NUM	Revenue Category. Possible values are: 3 = Food revenue 9 = Room revenue 17 = Total Revenue Hint: Total revenue is not necessarily the sum of type 3 and 9.	Y
@Amount	1	DEC	Summary amount.	Y
StatisticApplicationSets/ StatisticApplicationSet/ CountCategorySummaries/ CountCategorySummary	0..1	AN	Sent if the block has a cut off days setting. Format is P0Y0M4DT0H0M0S.	Y

@CountCategoryCode	1	NUM	8 = Room Capacity 9 = Rooms not available as of maintenance 10 = Room not available as of other reasons 11 = Rooms sold 12 = Rooms arrival 13 = Room departure 14 = Rooms cancelled 15 = Rooms No Show 8 – 10 are only present for report types 1,2,4,5 11 -13 are present for all report types 14 -15 are only present for report types 4,5,6	Y
@SummaryCount	1	NUM	Is the summary count of the corresponding count category.	Y

**Table 20 - OTA\_HotelStatsNotifRS**

Element/@Attribute	Occ.	Data Type	Description	Mandatory
OTA_HotelStatsNotifRS	1	Root	Root node of the message.	Y
@TimeStamp	1	DTF	Time stamp of the response message.	Y
@Version	1	NUM	1.002.	Y
Success	0..1		Empty element must be sent, if request was successful.	N
Warnings/Warning	0..n	AN	Warning messages.	N
@Code	0..1	AN	Warning code.	N
Errors/Error	0..n	AN	Error messages.	N
@Code	0..1	AN	Error code.	N

## OTA\_HotelAvailNotifRQ/OTA\_HotelAvailNotifRS

This pair of OTA messages is used to download house /room type overbooking, hurdle (decision) data and to send the response. The attribute @MessageContentCode indicates the type of data. The RequestorID element and its attributes provides the login data and vendor id, which are all necessary to process the request.



**Table 21 - OTA\_HotelAvailNotifRQ**

<b>Element/@Attribute</b>	<b>Occ.</b>	<b>Data Type</b>	<b>Description</b>	<b>Mandatory</b>
OTA_HotelAvailNotifRQ	1	Root	Root node of the message.	Y
@MessageContentCode	1	NUM	Indicates the type of the message: 1 = Room Type Overbooking 2 = House Overbooking 7 = Last Room Value (LRV) 11 = Bar by LOS	Y
@TimeStamp	1	DTF	Time stamp of the request message.	Y
@Version	1	NUM	1.002.	Y
@Target	1	AN	Must be Production.	Y
POS/Source/RequestorID	1	Root	Point of Sale information.	Y
@MessagePassword	1	AN	Suite8 interface user password.	Y
@ID	1	AN	Suite8 interface user.	Y
@ID_Context	1	AN	Vendor Id.	Y
AvailStatusMessages	1	Root		Y
@HotelCode	1	AN	Hotel Code.	Y
AvailStatusMessages/ AvailStatusMessage	1..n	Root		Y
@BookingThreshold	1	NUM	Overbooking value for the corresponding room type.	Y
AvailStatusMessages/ AvailStatusMessage/ StatusApplicationControl	1..n	Root		Y
@Start	1	DF	First day of availability.	Y
@End	1	DF	Last day of availability.	Y
@InvTypeCode	0..1	AN	Room Type. Will be translated. Mandatory for all message types, besides House Overbooking.	N
AvailStatusMessages/ AvailStatusMessage/ HurdleRate	1	Root	Only for message type LRV.	Y

@Amount	1	DEC	Rate for the room.	Y
@CurrencyCode	1	AN	Currency of the sent amount. Will be translated. 6 = Out of order	Y
AvailStatusMessages/ AvailStatusMessage/ BestAvailableRates/ BestAvailableRate	1..n	Root		Y
@LengthOfStayTime	1	NUM	Length of Stay value.	Y
@RatePlanCode	1	AN	Code of the corresponding BAR Availability Level. No translation. Must be the same code like in Suite8	Y

**Table 22 - OTA\_HotelAvailNotifRS**

Element/@Attribute	Occ.	Data Type	Description	Mandatory
OTA_HotelAvailNotifRS	1	Root	Root node of the message.	Y
@TimeStamp	1	DTF	Time stamp of the response message.	Y
@Version	1	NUM	1.001.	Y
Success	0..1		Empty element must be sent, if request was successful.	N
Warnings/Warning	0..n	AN	Warning messages.	N
@Code	0..1	AN	Warning code.	N
Errors/Error	0..n	AN	Error messages.	N
@Code	0..1	AN	Error code.	N

## OTA\_HotelRatePlanNotifRQ/OTA\_HotelRatePlanNotifRS

This pair of OTA messages is used to download basic rate plans and to send the response. Packages are not considered. Such rate plans will have always calculation method "HTNG" and will we CRS enabled if a new rate plan is sent, the conversion table will be updated with the short description of the rate plan as CRS code and the new PMS id as PMS code. Basically, only new rate codes accepted. This interface checks, whether the send rate code already exists in Suite8. If yes request will be rejected. There is an option to accept also updates. However, it is difficult to update a rate code in Suite8. The

update will remove all details and created new one from the sent message. This can have impact on existing reservations.

**Table 23 - OTA\_HotelRatePlanNotifRQ**

Element/@Attribute	Occ.	Data Type	Description	Mandatory
OTA_HotelRatePlanNotifRQ	1	Root	Root node of the message.	Y
@TimeStamp	1	DTF	Time stamp of the request message.	Y
@Version	1	NUM	2.001.	Y
POS/Source/RequestorID	1	Root	Point of Sale information.	Y
@MessagePassword	1	AN	Suite8 interface user password.	Y
@ID	1	AN	Suite8 interface user.	Y
@ID_Context	1	AN	Vendor Id.	Y
RatePlans	1	Root		Y
@HotelCode	1	AN	Hotel Code.	Y
RatePlans/RatePlan	1	Root		Y
@RatePlanCode	1	AN	Rate Plan Code will be used as short description in the rate header and as CRS code in the conversion table. Max length is 10 characters.	Y
@RatePlanCategory	1	AN	Rate Category. Will be translated and should already exist in Suite8.	Y
@Start	1	DF	Start Date of the rate plan. Will be adjusted if it is in past.	Y
@End	1	DF	End date of the rate plan. Request will be rejected if the end date is in the past.	Y
@CurrencyCode	1	AN	Currency of the rate plan. Will be translated. If translation fails request will be rejected.	Y

@MarketCode	0..1	AN	Will be translated. If successfully it will be linked to the rate plan.	N
RatePlans/RatePlan/BookingRules/BookingRule	0..1	Root	Possible booking rule settings linked to the rate plan header.	N
@MinAdvancedBookingOffset	0..1	NUM	Min advanced booking days.	N
@MaxAdvancedBookingOffset	0..1	NUM	Max advanced booking days.	N
RatePlans/RatePlan/BookingRules/BookingRule/LengthsOfStay/LengthOfStay	0..2	Root	List of length of stay settings.	N
@Time	1	NUM	Number of days.	N
@TimeUnit	1	AN	Always "Day".	N
@MinMaxMessageType	1	AN	Either SetMinLOS or SetMaxLOS.	N
RatePlans/RatePlan/Description	1	Root		N
Text	1	AN	Long description of the rate plan. Maximum length is 30 characters.	N
RatePlans/RatePlan/Rates/Rate	1..n	Root	Rate details holding price data.	Y
@Start	1	DF	Start date of the rate detail. Will be adjusted if necessary.	Y
@End	1	DF	End date of the rate detail. Will be adjusted if necessary.	Y
@Mon, @Tue, @Weds, @Thur, @Fri, @Sat, @Sun	1	BOOL	false or true is used. It is used to determine the weekend days. Days marked with true are weekend days.	Y
@InvTypeCode	1	AN	Room type linked to the detail. Will be translated and must exist in Suite8 otherwise the detail will be ignored.	Y

RatePlans/RatePlan/ Rates/Rate/ BaseByGuestAmts/ BaseByGuestAmt	1..n		Price information per adult, no children prices.	Y
@NumberOfGuests			Number of persons.	Y
@AgeQualifyingCode	1	NUM	OTA_CodeType. Supported values are: 10 = Adults	Y
@AmountAfterTax	0..1	DEC	Represents Gross price.	N
@AmountBeforeTax	0..1	DEC	Represents Net price. Only one of the two attributes may be sent.	N
RatePlans/RatePlan/ Rates/Rate/ AdditionalGuestAmounts/ AdditionalGuestAmounts	1	Root	If sent used for default settings of the rate detail.	N
@AgeQualifyingCode	1	NUM	Indicates the type of person: 7 = Infant 8 = Child 9 = Teenager 10 = Adult	Y
@Amount	1	DEC	Gross / net price depending on the setting in Suite8.	Y

**Table 24 - OTA\_HotelRatePlanNotifRS**

Element/@Attribute	Occ.	Data Type	Description	Mandatory
OTA_HotelRatePlanNotifRS	1	Root	Root node of the message.	Y
@TimeStamp	1	DTF	Time stamp of the response message.	Y
@Version	1	NUM	3.14.	Y
Success	0..1		Empty element must be sent, if request was successful.	N
Warnings/Warning	0..n	AN	Warning messages.	N
@Code	0..1	AN	Warning code.	N

Errors/Error	0..n	AN	Error messages.	N
@Code	0..1	AN	Error code.	N

## OTA\_HotelAvailNotifRQ/ OTA\_HotelAvailNotifRS

This pair of messages is used to download house or room type overbooking values, Bar by Length of Stay, LRV by Room Type.

**Table 25 - OTA\_HotelAvailNotifRQ**

Element/@Attribute	Occ.	Data Type	Description	Mandatory
OTA_HotelAvailNotifRQ	1	Root	Root node of the message.	Y
@EchoToken	1	AN	Unique id of the request. Will add also to response.	Y
@TimeStamp	1	DTF	Time stamp of the request message.	Y
@Version	1	NUM	1.002.	Y
@MessageContentCode	1	NUM	Indicates the type of message: 1 = Room Type overbooking 6 = House overbooking 7 = Last Room Value (LRV) by Room Type 11 = Bar By Length of Stay.	Y
AvailStatusMessages	1	Root		Y
@HotelCode	1	AN	Hotel Code.	Y
AvailStatusMessage	1	Root		Y
@BookingThreshold	0..1	NUM	Number of overbooking if @MessageContentCode = 1 or 6.	Y
AvailStatusMessage/ StatusApplicationControl	1..n	Root		Y
@Start	1	DF	First day of overbooking.	Y
@End	1	DF	Last day of overbooking.	Y
@InvTypeCode	0..1	AN	Room Type / Bed Type. Will be translated. Only for @MessageContentCode = 1,7,11.	N

AvailStatusMessage/ BestAvailableRates/ BestAvailableRate	0..n	Root	Only for @MessageContentCode = 11.	N
@LengthOfStayTime	1	NUM	Length of Stay value.	Y
@RatePlanRateCode	1	AN	Bar rate plan, which applies.	Y
AvailStatusMessage/ HurdleRate	0..1	Root	Hurdle rate element. Only for @MessageContentCode = 7.	N
@Amount	1	DEC	Hurdle amount.	Y
@Currency	1	AN	Currency Code. Will be translated.	Y
AvailStatusMessage/ Delta	0..1	Root	Delta values. Only for @MessageContentCode = 11.	N
@Amount	1	DEC	Delta Amount.	Y
@Ceiling	1	AN	Ceiling value.	Y
@MaxSold	1	NUM	Maximum sold value.	Y

**Table 26 - OTA\_HotelAvailNotifRS**

Element/@Attribute	Occ.	Data Type	Description	Mandatory
OTA_HotelAvailNotifRS	1	Root	Root node of the message.	Y
@TimeStamp	1	DTF	Time stamp of the response message.	Y
@Version	1	NUM	1.001.	Y
Success	0..1		Empty element must be sent, if request was successful.	N
Warnings/Warning	0..n	AN	Warning messages.	N
@Code	0..1	AN	Warning code.	N
Errors/Error	0..n	AN	Error messages.	N
@Code	0..1	AN	Error code.	N

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## **3 XML and OTA XML Interface**

Should you require extra programming based on the XML Interface or OTA XML Interface then the local office needs to fill out the NDA (non-disclosure agreement) info sheet and each company needs to sign the non-disclosure agreement. Please contact your local Oracle contact person to get more information about the topic.