

Documentation

PMS Omnibees

V. 3.3.3.7

Connectors



OMNIBEES™
INTELLIGENT HOTEL DISTRIBUTION

49^e Edition

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Revisions

Date	Version	Description	Author
03-08-2015	3.0.0.0	Beginning of first version of documentation	António Baião
21-08-2015	3.0.0.5	Added documentation about included extras and it board types.	António Baião
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06/11/2017	3.2.8.0	Add information regarding the request of inventory (PUSH mode) using OTA_HotelInvCountRQ	António Baião
07/11/2017	3.2.8.1	Data table with description of our available services	António Baião
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28/05/2018	3.3.1.0	Addition of payment methods information on the reservation message	António Baião

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18/01/2022	3.3.2.8	Added new webservice message to get reservation payment gateway details	Nuno Freitas
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06/06/23	3.3.3.1	Added new attributes and notes to payment gateway details	Nuno Freitas
20/06/23	3.3.3.2	Fix Birthday attribute, added GatewayDetails Status descriptions	Nuno Freitas
06/07/23	3.3.3.3	Update CreditCard Number / seriesCode PCI compliance mask	Nuno Freitas
24/07/23	3.3.3.4	Update information about PaymentGatewayDetails RS	Nuno Freitas
15/09/23	3.3.3.5	Update ChainCode Information / Update MinMaxMessageType information in OTA_HotelAvailNotifRQ – LengthsOfStay / Add Notes to Documentation /	Nuno Freitas

		Added field CardCode to PaymentGatewayDetails RS	
20/10/23	3.3.3.6	Added field IsVCN to TPA_Extensions in PaymentCardType	Bruno Brás
09/11/23	3.3.3.7	Added new notes in OTA_HotelInvCountNotifRQ and OTA_HotelResNotifRQ	Bruno Brás

Introduction

This document have an objective to teach you, how implement PMS Omnibeas specification. This specification is divided in Introduction, that expose the objective of this document; Synopsis, that gave you some handicap which allow to better understand the documentation; Message Structure, that show how all messages are built; Authentication, that speaks about how authentication method is and lastly the messages Pull and Push Chapters. All messages are based in OTA 2014B and all messages specification is mostly OTA (near 100%).



NOTE: If you find some wrong information during the reading of this documentation, please let us know.

Synopsis

Informations and Notices

During the reading of this document you will find some information and notices signals that will give you extra information about the way of work of the message you are reading about. The signals are:

-  - For informations
-  - For notices

Examples

In this document you will found some examples. The examples are structured and appear in groups, for a more easy understanding.

The examples have three crucial differences that will be needed to understand all process and can build your own message correctly formatted.

1. If appear an example with `<RoomStays>...</RoomStays>` the suspension points meaning, that this element have one or more sons. The suspension points have a hyperlink that forward you directly to the sons example
2. If appear an example with `<Email></Email>` with no suspension points and when you visit its son you found more `<Email></Email>`, that's meaning which if there are more than one occurrence of `<Email>` element, it will appear, not as a son inside a parent, but as a siblings that following each other. That way is normally found in the example a same element equal what we have above, repeated for best understanding. The element have a hyperlink to the detailed example.
3. If appear an example with `<TelephoneInfo ... />` with suspension points instead of attributes this meaning that this element have one or more attributes that are detailed in example. Suspension points have a hyperlink to the example.



You can find full examples of all messages in
<http://pmscert.omnibeas.com/OTA2014B/>

Number of Occurrences

Along the document you will found a lot of tables that have an indication number of occurrences allowed of one type of element in the message.

There are two cases:

1. In the second column are referenced the number of occurrences this respective element
2. In its type there are an allusion to number of occurrences if the element in question is of type of a collection. That way will be showed "Collection of RoomStay (1..*)" that meaning which RoomStays can have one or more RoomStay element inside it.

Enumerations

The enumerations of OTA in some cases cannot suppress our needs and we had a need to add new or use custom enums. All enumerations used are described in detail in [glossary](#).

Custom Elements/Attributes

Sometimes we have business issues that OTA could not suppress and we need to develop our own elements. Every custom elements are marked with Violet colour.

OTA2014B Use

This implementation is using the version 2014B of OTA. Feel free to build your own OTA structure based on OTA's schemas, get OTA's schemas from Open Travel web site or use our WSDL.

Pay attention to the things that we have altered or added in OTA to suppress our needs, and make sure that your OTA's schemas follow our specifications and have our modifications.

Message Structure

We will use SOAP to build messages. In **head** of message there are a custom credential for authentication and in **body** there are OTA message.

Example – Message structure

```
<soapenv:Envelope
xmlns:soapenv=\"http://schemas.xmlsoap.org/soap/envelope/\">
  <soapenv:Header>OMNIBEES CREDENTIALS</soapenv:Header>
  <soapenv:Body>OTA MESSAGE</soapenv:Body>
</soapenv:Envelope>
```

Authentication

All messages need a credential to communicate with PMS Omnibees Web Services. Push messages will have also a credential that need to be read by PMS.

Example – Authentication structure

```
<OmnibeesCredentials xmlns=\"http://connectors.omnibees.com/\">
  <UserCode>PMSNAME</UserCode>
  <UserName>USERNAME</UserName>
  <UserPassword>PASSWORD</UserPassword>
</OmnibeesCredentials>
```

UserCode will be the name of PMS in Omnibees.

Password and Username will be given to you by Omnibees.

Messages Available

Here you can find a data table with the detailed information about our available messages. The prefixes (Ex: **Receive** Inventory) are wrote in the logic that Omnibeas is the central system. So, in that example the **Omnibeas** will **receive inventory** from **PMS**



Message	PULL	PUSH
Receive Inventory	Yes	Yes
Send Reservations	Yes	Yes
Receive Rate Creation	Yes	No
Receive Prices	Yes	No
Receive Restrictions	Yes	No
Receive Allotment	Yes	No
Receive Reservations Confirmation	Yes	No
Send Channels	Yes	No
Receive Profiles	Yes	No
Receive Ping	Yes	No
Receive Payment Gateway Detail	Yes	No

Messages acronyms used in the documentation

During the read of this documentation you could see some acronyms regarding the messages listed above.

- **SBRQ** – Send Reservations from Omnibeas to PMS (**Push Message**)
 - *Send Booking Request*
- **GBRQ** – Send Reservations from Omnibeas to PMS, requested by the PMS (**Pull Message**)
 - *Get Booking Request*
- **NIRQ** – Receive Inventory from PMS to Omnibeas (**Pull Message**)
 - *Notify Inventory Request*
- **GIRQ** – Receive Inventory from PMS to Omnibeas, requested by Omnibeas (**Push Message**)
 - *Get Inventory Request*
- **NRATERQ** – Receive Rate for Creation from PMS to Omnibeas (**Pull Message**)
 - *Notify Rate Request*
- **NRATEDTLRQ** – Receive Prices from PMS to Omnibeas (**Pull Message**)

- *Notify Rate Detail Request*
- **NAVAILRQ** – Receive Restrictions from PMS to Omnibees **(Pull Message)**
 - *Notify Availability Request*
- **NALLOTRQ** – Receive Allotment from PMS to Omnibees **(Pull Message)**
 - *Notify Allotment Request*
- **NPRQ** – Receive Profiles from PMS to Omnibees **(Pull Message)**
 - *Notify Profiles Request*
- **NRCRQ** – Receive Reservation Confirmation from PMS to Omnibees **(Pull Message)**
 - *Notify Reservation Confirmation Request*
- **CRQ** – Send Channels from Omnibees to PMS **(Pull Message)**
 - *Channels Request*
- **PING** – Receive Ping from PMS to Omnibees **(Pull Message)**
- **PGDTLRQ** – Send Payment Gateway Detail from Omnibees to PMS **(Pull Message)**
 - *Payment Gateway Details Request*

Messages combinations

Here you can see all combinations allowed to integrate with Omnibeas system. That table was built to show when a message from the available ones, can coexist with other ones in your integration with Omnibeas. The **green cells** are the valid combinations, the **red cells** are the invalid combinations for a message type. For example, the **SBRQ** messages and **GBRQ** messages **cannot be available for the same hotel at the same time**, however you **can use all other ones**.

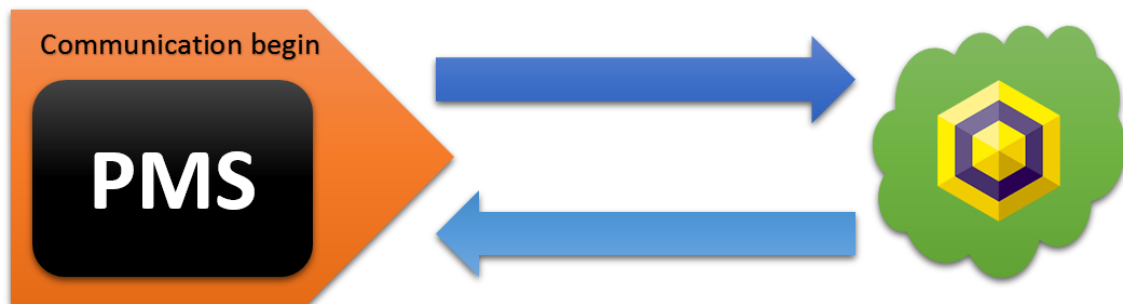


You need to check for each message whether it can coexist or not with other ones you want implement.

	SBRQ	GBRQ	NIRQ	GIRQ	NRATERQ	NRATEDTL RQ	NAVAILRQ	NALLOTTRQ	NRCRQ	NPRQ	CRQ	PING	PGDT LRQ
SBRQ													
GBRQ													
NIRQ													
GIRQ													
NRATERQ													
NRATEDTL RQ													
NAVAILRQ													
NALLOTTRQ													
NRCRQ													
NPRQ													
CRQ													
PING													
PGDTLRQ													

Pull Messages

PMS Omnibees allow you to send us, Inventory, Prices, Allotment, Rate Plans, Profiles, Reservations, Restrictions and fetch Reservations. All messages need to have credentials to be able to perform a communication with our service.



General Notes

- All dates found in the documentation work in UTC

Ping– OTA_PingRQ - Request→

Ping message is used to know if the webservice is working properly. If everything is working an **handshake** message will be returned in response message. The return **message (EchoData)** must be always equal to the request **message (EchoData)**.

Currently the version of Inventory request is **3.0**

Element	#	Description	Type	IsRequired?
@Version	1	Version of implementation	Decimal	Required
@TimeStamp	1	DateTime in what the request was processed by our service.	DateTime	Required
@EchoToken	1	A reference for additional message identification, assigned by the requesting host system.	String	Required
EchoData	1	The free-text data that is expected to be echoed back in the response message.	String	Required



There are **other scenario** which you must have in mind, if you want verify if your **hotel and their credentials are all right**, you need to use also the **OmnibeasCredentials in soap Header**.



If anything (credentials or hotel) were **wrong an error message** will be returned.

Example – OTA_PingRQ with its attributes and structure

```
<OTA_PingRQ Version="3.0" EchoToken="f47c7fa6-01d3-4f92-8d84-e73d5a2c6227"
TimeStamp="2015-08-07T06:29:59.9970796+01:00">
  <EchoData>A test message</EchoData>
</OTA_PingRQ>
```

Ping – OTA_PingRS - *Response*←

Currently the version of Inventory request is 3.0

Element	#	Description	Type	IsRequired?
@Version	1	Version of implementation	Decimal	Required
@TimeStamp	1	DateTime in what the response was processed by our service.	DateTime	Required
@EchoToken	1	A reference for additional message identification, assigned by the requesting host system.	String	Required
Success	0..1	The existence of this tag give the information of a successful request.	SuccessType	Optional/ Required
Errors	0..1	Indicates that an error occurred in the processing of the incoming request message.	ErrorsType	Optional/ Required
Warnings	0..1	Optionally used in conjunction with the Success element to indicate that the recipient of the request message identified one or more business-level warnings.	WarningsType	Optional/ Required
EchoData	1	The free-text data that is to be echoed back that indicates the ping request was accepted and processed	String	Required



Notice that EchoData returned will always be equal to EchoData sent in ping request.

Example – OTA_HotelInvCountNotifRQ with its attributes and structure

```
<OTA_PingRS Version="3.0" EchoToken="f47c7fa6-01d3-4f92-8d84-e73d5a2c6227"
TimeStamp="2015-08-07T06:29:59.9970796+01:00">
  <Success/>
  <EchoData>A test message</EchoData>
</OTA_HotelInvCountNotifRQ>
```

PaymentGatewayDetail– PaymentGatewayDetailRQ-

Request→

PaymentGatewayDetail message is used to get a list or single reservation payment gateway detail existent in Omnibees.

Currently the version of PaymentGatewayDetail request is **3.0**

Pay attention that this message is custom and not exist in OTA Schema.

Element	#	Description	Type	IsRequired?
@Version	1	Version of implementation	Decimal	Required
@TimeStamp	1	DateTime in what the request was processed by our service.	DateTime	Required
@EchoToken	1	A reference for additional message identification, assigned by the requesting host system.	String	Required
@HotelCode	1	The code that uniquely identifies a single hotel property.	String	Required
ReservationIds	0..*	A collection of ReservationIds.	Collection of longs	Optional/Required
ReservationNumbers	0..*	A collection of ReservationNumbers.	Collection of strings	Optional/Required



Only one of the two collections (ReservationIds, ReservationNumbers) is mandatory, if both are filled, **by default only the collection of ReservationIds** will be counted for the search.



If anything (credentials or hotel) were **wrong an error message** will be returned.

Example – PaymentGatewayDetailRQ with its attributes and structure

```
<PaymentGatewayDetailRQ Version="3.0" EchoToken="f47c7fa6-01d3-4f92-8d84-
e73d5a2c6227" TimeStamp="2015-08-07T06:29:59.9970796+01:00" HotelCode="ABC">
  <ReservationIds>
    <ReservationId>100000</ReservationId>
    <ReservationId>200000</ReservationId>
  </ReservationIds>
  <ReservationNumbers>
    <ReservationNumber>RES10000-100</ReservationNumber>
    <ReservationNumber>RES20000-200</ReservationNumber>
  </ReservationNumbers>
</PaymentGatewayDetailRQ>
```

PaymentGatewayDetail – PaymentGatewayDetailRS -

Response←

Currently the version of Inventory request is 3.0

Element	#	Description	Type	IsRequired?
@Version	1	Version of implementation	Decimal	Required
@TimeStamp	1	DateTime in what the response was processed by our service.	DateTime	Required
@EchoToken	1	A reference for additional message identification, assigned by the requesting host system.	String	Required
Success	0..1	The existence of this tag give the information of a successful request.	SuccessType	Optional/ Required
Errors	0..1	Indicates that an error occurred in the processing of the incoming request message.	ErrorsType	Optional/ Required
Warnings	0..1	Optionally used in conjunction with the Success element to indicate that the recipient of the request message identified one or more business-level warnings.	WarningsType	Optional/ Required
Reservations	0..*	A collection of Reservation with GatewayDetails inside.	Reservation	Optional

Reservations

» [PaymentGatewayDetailRS](#)

Element	#	Description	Type	IsRequired?
@Id	0..1	Reservation unique identifier	String	Optional/ Required
@Number	0..1	Reservation unique identifier in channel	String	Optional/ Required
GatewayDetails	0..*	A collection of GatewayDetail results.	GatewayDetail	Optional

GatewayDetails

» Reservations » PaymentGatewayDetailRS

Element	#	Description	Type	IsRequired?
@XID	1	Unique transaction reference	String	Optional
Id	1	Id of this transaction	String	Optional
Installments	1	Installment number of this transaction	String	Optional
AuthorizationCode	1	Transaction's Authorization Code	String	Optional
Nsu	1	Unique sequence number is the identification number of a sales transaction	String	Optional
Tid	1	Transaction ID is an identification number of the transaction	String	Optional
Authentication3DS	1	3D Secure Authentication	Boolean	Optional
@Authentication3DS	1	3D Secure Authentication	Boolean	Deprecated
ProviderReturnMessage	1	Message returned by the provider about transaction status	String	Optional
CaptureDate	1	When was the capture done	Time	Optional
@CaptureDate	1	When was the capture done	Time	Deprecated
PayDate	1	Date of the payment	Time	Optional
CancellationDate	1	When was the chargeback	Time	Optional
@CancellationDate	1	When was the chargeback	Time	Deprecated
Amount	1	Value	Decimal	Optional
TotalAmountNSU	1	Total amount for the particular NSU transaction	Decimal	Optional
Currency	1	Currency	String	Optional
Provider	1	Payment Processor	String	Optional
CardCode	1	Issuer code	String Credit Card Flags	Optional
Status	1	Status of the transaction	Enumeration	Optional
@Status	1	Status of the transaction	Enumeration	Deprecated

⁴³ See [GatewayDetailsStatus](#) enumeration in Glossary

Example – *PaymentGatewayDetailRS* with its attributes and structure

```
<PaymentGatewayDetailRS Version="3.0" EchoToken="f47c7fa6-01d3-4f92-8d84-e73d5a2c6227"
TimeStamp="2023-06-06T06:29:59.9970796+01:00">
  <Reservations>
    <Reservation Id="100000" Number="RES100000-1000">
      <GatewayDetails>
        <GatewayDetail Authentication3DS="true" CaptureDate="2021-12-31T03:08:53.508036Z"
CancellationDate="2021-12-31T04:08:53.508036Z" Status="Confirmed">
          <Id>XXX</Id>
          <AuthorizationCode>34543534</AuthorizationCode>
          <Installments>100</Installments>
          <Nsu>3750442342347071</Nsu>
          <Tid>2423432</Tid>
          <Authentication3DS>true</Authentication3DS>
          <CaptureDate>2021-12-31T03:08:53.508036Z</CaptureDate>
          <PayDate>2023-12-31T04:08:53.508036Z</PayDate>
          <CancellationDate>2021-12-31T04:08:53.508036Z</CancellationDate>
          <Amount>4000.0</Amount>
          <TotalAmountNSU>358.0</TotalAmountNSU>
          <Currency>EURO</Currency>
          <Provider>REDE</Provider>
          <CardCode>VISA<CardCode>
          <ProviderReturnMessage>Successful</ProviderReturnMessage>
          <Status>Confirmed</Status>
        </GatewayDetail>
      </GatewayDetails>
    </Reservation>
  </Reservations>
</Success/>
</PaymentGatewayDetailRS>
```



The following attributes marked with **yellow mark** are **deprecated**, omnibees recommends to change the mapping from attributes to elements as soon as possible.



The capturedDate element will be in UTC -3 format

Inventory – OTA_HotelInvCountNotifRQ - Request→

You must be sure that room codes you are trying update, is already mapped in Omnibeas.
Currently the version of Inventory request is 3.0



Omnibeas **will not accept** a request that contains items with more than **3 years** from the nowdate.



We **recommend** that you send **120 days of inventory updates**, but we can accept **more than that**.



The ChainCode is only mandatory when configured in Omnibeas



Omnibeas will not guarantee the order of the messages. For the correct processing of the operation please do not send in the same request two inventory updates with the same date and room code

Element	#	Description	Type	IsRequired?
@Version	1	Version of implementation	Decimal	Required
@TimeStamp	1	DateTime in what the request was processed by our service.	DateTime	Required
@EchoToken	1	A reference for additional message identification, assigned by the requesting host system.	String	Required
Inventories	1	A collection of Inventory. Hotel identification information are the attributes of this element.	InvCountType	Required

Example – OTA_HotelInvCountNotifRQ with its attributes and structure

```
<OTA_HotelInvCountNotifRQ Version="3.0" EchoToken="f47c7fa6-01d3-4f92-8d84-e73d5a2c6227" TimeStamp="2015-08-07T06:29:59.9970796+01:00">  
  <Inventories ...>...</Inventories>  
</OTA_HotelInvCountNotifRQ>
```

InvCountType

» [OTA_HotelInvCountNotifRQ](#)

Element	#	Description	Type	IsRequired?
Inventory	1..*	This is the inventory information for a given rate plan, room type, date, etc.	BaseInvCountType	Required
@ChainCode	1	The code that identifies a hotel chain or management group.	String	Required
@HotelCode	1	The code that uniquely identifies a single hotel property.	String	Required

Example – InvCountType with its attributes and structure

```
<Inventories ChainCode="CHA" HotelCode="PALGARD">
  <Inventory>...</Inventory>
</Inventories>
```

BaseInvCountType

» [InvCountType](#) » [OTA_HotelInvCountNotifRQ](#)

Element	#	Description	Type	IsRequired?
StatusApplicationControl	1	Information on what the InvCountNotif Message applies to and the period of application	StatusApplicationControlType	Required
InvCounts	1	A collection of inventory counts.	Collection of InvCount (1)	Required
UniqueID	1	The unique identifier element	UniqueID_Type	Required

Example – BaseInvCountType with its attributes and structure

```
<StatusApplicationControl InvCode="VV0A" Start="2015-08-07" End="2015-08-07" />
<InvCounts>...</InvCounts>
<UniqueID ...>
```

StatusApplicationControlType

» [BaseInvCountType](#) » [InvCountType](#) » [OTA_HotelInvCountNotifRQ](#)

Element	#	Description	Type	IsRequired?
@Start	1	Information on what the InvCountNotif Message applies to and the period of application	Date	Required
@End	1	Information on what the InvCountNotif Message applies to and the period of application	Date	Required

@InvCode	1	Code that identifies an inventory item.	String	Required
----------	---	---	--------	----------

Example – OTA_HotelInvCountNotifRQ with its attributes and structure

```
<StatusApplicationControl InvCode="VV0A" Start="2015-08-07" End="2015-08-07" />
```

InvCount

» [BaseInvCountType](#) » [InvCountType](#) » [OTA_HotelInvCountNotifRQ](#)

Element	#	Description	Type	IsRequired?
ActionType	1	An enumerated type.	Enumeration ¹ (InvCountActionType)	Required
Count	1	A collection of inventory counts.	Integer	Required

Example – InvCount with its attributes and structure

```
<InvCount ActionType="Allocation" Count="1" />
```

UniqueID

Most of the times, the UniqueID element is available in all OTA messages. When it is not available, it will be used one attribute - "LocatorID" - that has the same functionality of UniqueID.

» [BaseInvCountType](#) » [InvCountType](#) » [OTA_HotelInvCountNotifRQ](#)

Element	#	Description	Type	IsRequired?
Type	1	A reference to the type of object defined by the UniqueID element	Enumeration ² (UniqueIDType)	Required
ID	1	A unique identifying value assigned by the creating system.	Integer	Required

Example – UniqueID with its attributes and structure

```
<UniqueID Type="Other" ID="1" />
```

¹ See [InvCountActionType](#) enumeration in Glossary

² See [UniqueIDType](#) enumeration in Glossary

Inventory – OTA_HotelInvCountNotifRS - *Response*←

Currently, the version of Inventory request is 3.0

Element	#	Description	Type	IsRequired?
@Version	1	Version of implementation	Decimal	Required
@TimeStamp	1	DateTime in what the response was processed by our service.	DateTime	Required
@EchoToken	1	A reference for additional message identification, assigned by the requesting host system.	String	Required
Success	0..1	The existence of this tag give the information of a successful request.	SuccessType	Optional/ Required
Errors	0..1	Indicates that an error occurred in the processing of the incoming request message.	ErrorsType	Optional/ Required
Warnings	0..1	Optionally used in conjunction with the Success element to indicate that the recipient of the request message identified one or more business-level warnings.	WarningsType	Optional/ Required

Example – OTA_HotelInvCountNotifRQ with its attributes and structure

```
<OTA_HotelInvCountNotifRS Version="3.0" EchoToken="f47c7fa6-01d3-4f92-8d84-
e73d5a2c6227" TimeStamp="2015-08-07T06:29:59.9970796+01:00">
  <Success/>
</OTA_HotelInvCountNotifRQ>
```

Reservations – OTA_Read – Request→

This message is used to retrieve reservations from Omnibees. To do that please follow the schema below.

Currently the version of Booking retrieve request is 3.0



The ChainCode is only mandatory when configured in Omnibees

Element	#	Description	Type	IsRequired?
@Version	1	Version of implementation	Decimal	Required
@TimeStamp	1	DateTime in what the request was processed by our service.	DateTime	Required
@EchoToken	1	A reference for additional message identification, assigned by the requesting host system.	String	Required
ReadRequests	1	A grouping of Read Requests by travel vertical.	ReadRequests	Required

Example – OTA_Read with its attributes and structure

```
<OTA_Read Version="3.0" EchoToken="94b5620f-2888-4c3c-a042-7f475917f08c"
TimeStamp="2015-08-07T06:29:59.9970796+01:00">
  <ReadRequest>...</ReadRequest>
</OTA_Read>
```

ReadRequests

» OTA_Read

Element	#	Description	Type	IsRequired?
HotelReadRequest	1	To retrieve a hotel reservation when the booking reference is not known.	HotelReadRequest	Required

Example – HotelReservation with its attributes.

```
<HotelReadRequests>...</HotelReadRequests>
```

HotelReadRequests

» ReadRequests » OTA_Read

Element	#	Description	Type	IsRequired?
SelectionCriteria	1	A group of conditions to retrieve reservations	SelectionCriteria	Required

@HotelCode	1	The code that uniquely identifies a single hotel property.	String	Required
@ChainCode	1	The code that identifies a hotel chain or management group.	String	Required

Example – HotelReadRequests with its attributes and structure.

```
<HotelReadRequests ChainCode="CHA" HotelCode="PALGARD">
  <SelectionCriteria ... />
</HotelReadRequests>
```

SelectionCriteria

HotelReadRequests » ReadRequests » OTA_Read

Element	#	Description	Type	IsRequired?
@Start	1	The starting value of the time span.	DateTime	Required
@End	1	The ending value of the time span.	DateTime	Required
@SelectionType	1	Indicates which reservations should be selected based on delivery status.	Enumeration SelectionType ³	Optional



The dates in the SelectionCriteria element must **be based on the date of introduction of the reservation in Omnibees** and **not in the check-in date** and the **Start date cannot be older than 5 days**.

Example – HotelReadRequests with its attributes and structure.

```
<SelectionCriteria Start="2015-08-07" End="2015-09-07" SelectionType="AllUndelivered" />
```

Selection Type

There are 2 selection types Omnibees will use:

- **Undelivered* (NOT RECOMMENDED)**
 - Only will be returned the undelivered reservations in their last status. **It's considered undelivered a reservation which is not confirmed yet.**
- **AllUndelivered (Recommended)**
 - Will be returned all undelivered reservations. If there more than one status of one reservation, all of that status will be informed.



***By default the value applied is Undelivered**
Undelivered WILL BE DEPRECATED SOON.

³ Enumeration of Selection Type - See enumeration in Glossary

Reservations – OTA_ResRetrieveRS – *Response*←

Currently the version of Reservation response is 3.0

Element	#	Description	Type	IsRequired?
@Version	1	Version of implementation	Decimal	Required
@TimeStamp	1	DateTime in what the request was processed by our service.	DateTime	Required
@EchoToken	1	A reference for additional message identification, assigned by the requesting host system.	String	Required
ReservationsList	1	A container for multiple reservations.	ReservationsList	Required
Success	0..1	The existence of this tag give the information of a successful request.	SuccessType	Optional/ Required
Errors	0..1	Indicates that an error occurred in the processing of the incoming request message.	ErrorsType	Optional/ Required
Warnings	0..1	Optionally used in conjunction with the Success element to indicate that the recipient of the request message identified one or more business-level warnings.	WarningsType	Optional/ Required

Example – OTA_ResRetrieveRS with its attributes and structure

```
<OTA_ResRetrieveRS EchoToken=" f47c7fa6-01d3-4f92-8d84-e73d5a2c6227"
TimeStamp="2015-09-30T17:09:37.2645302Z" Version="3.0"
xmlns="http://www.opentravel.org/OTA/2003/05">
  <ReservationsList>...</ReservationsList>
  </Success>
</ OTA_ResRetrieveRS>
```

ReservationList

» OTA_ResRetrieveRS

Element	#	Description	Type	IsRequired?
HotelReservation	0..*	Retrieve one HotelReservation for each existing reservation for passed property. HotelReservation	HotelReservation	Required

		element is built in the same way of OTA_HotelResNotifRQ.		
--	--	---	--	--

Example – HotelReservation with its attributes.

```
<HotelReservation>...</HotelReservation>
<HotelReservation>...</HotelReservation>
<HotelReservation>...</HotelReservation>
<HotelReservation>...</HotelReservation>
```

Reservation Confirmation – OTA_NotifReportRQ – Request→

Currently the version of reservation confirmation request is 3.0. This message is used to acknowledge the above message of retrieving reservations.



You have **a maximum of 5 days** to **acknowledge** the reservations you retrieve before. **Those 5 days starts count from the introduction date of the reservation in Omnibees system.**



If you **not acknowledge** the reservations you retrieve before, it will **be always available** for all searches made with OTA_Read message.



The confirmation message **allow** you to send **errors** and **warnings** that occurred in your system at time of processing the reservations retrieved before.



The **errors** and **warnings** in the confirmation message **must be associated always** to one reservation number.



The reservation number **should be** the number of reservation in **the Omnibees System**.



Keep in mind that **error** only can be related **to technical problems** and **never to business problems**.



Keep in mind that **warning** is **always related to business problems** and indicate that the reservation was processed with warnings and **exist** a PMS Number **available** in the request to save.



Notice that you **never can reject** a reservation **because business issues**.



Notice that if a reservation which you try to confirm is followed of an **error**, it will be **not marked** as processed and PMS Number will **not be saved**. You have **6 retries** to **confirm a reservation** that had a **technical issues**.



Every time a reservation is **followed of an error**, the retries number **will be incremented**.



When the number of **retries reach to 6**, the reservation will be **marked as processed**, with **status failed**.

Element	#	Description	Type	IsRequired?
@Version	1	Version of implementation	Decimal	Required
@TimeStamp	1	DateTime in what the request was processed by our service.	DateTime	Required
@EchoToken	1	A reference for additional message identification, assigned by the requesting host system.	String	Required
NotifDetails	1	A container used to specify a certain set of previous messages.	NotifDetails	Required
UniqueID	1	The code that identifies a hotel.	UniqueID_Type	Required
Success	0..1	The existence of this tag give the information of a successful request.	SuccessType	Optional/ Required
Errors	0..1	Indicates that an error occurred in the processing of the incoming request message.	ErrorsType	Optional/ Required
Warnings	0..1	Optionally used in conjunction with the Success element to indicate that the recipient of the request message identified one or more business-level warnings.	WarningsType	Optional/ Required

Example – OTA_NoitfReportRQ with its attributes and structure

```
<OTA_NoitfReportRQ EchoToken=" f47c7fa6-01d3-4f92-8d84-e73d5a2c6227"
TimeStamp="2015-09-30T17:09:37.2645302Z" Version="3.0"
xmlns="http://www.opentravel.org/OTA/2003/05">
  <UniqueID Type="Hotel" ID="1872" />
  <NotifDetails>...</NotifDetails>
  </Success>
</ OTA_NoitfReportRQ>
```



The **errors** and **warnings** present in request must contain in the **RecordID** attribute the reservation number in Omnibeas system.



The **errors** and **warnings** can be built with the **minimum** information required (RecordID and Value)

Example – OTA_NoitifReportRQ with its attributes, structure and Errors

```
<OTA_NoitifReportRQ EchoToken=" f47c7fa6-01d3-4f92-8d84-e73d5a2c6227"
TimeStamp="2015-09-30T17:09:37.2645302Z" Version="3.0"
xmlns="http://www.opentravel.org/OTA/2003/05">
  <NotifDetails>...</NotifDetails>
  <Errors>
    <Error RecordID="569423635" >An error occur<Error>
  </Errors>
</ OTA_NoitifReportRQ>
```

NotifDetails

» OTA_NoitifReportRQ

Element	#	Description	Type	IsRequired?
HotelNotifReport	1	Used to provide business details regarding processing of a previous hotel message	HotelNotifReport	Required

Example – NotifDetails structure

```
<NotifDetails>
  <HotelNotifReport>...</HotelNotifReport>
</NotifDetails>
```

HotelNotifReport

» NotifDetails » OTA_NoitifReportRQ

Element	#	Description	Type	IsRequired?
HotelReservations	1	Collection of hotel reservations	HotelReservations	Required

Example – HotelNotifReport structure

```
<HotelNotifReport>
  <HotelReservations>...</ HotelReservations>
</HotelNotifReport>
```

HotelReservations (OTA_NoitifReport)

» HotelNotifReport » NotifDetails » OTA_NoitifReportRQ

Element	#	Description	Type	IsRequired?
HotelReservation	1..*	A hotel reservation	HotelReservation	Required

Example – HotelReservations with HotelReservation elements

```
<HotelReservations>
  <HotelReservation>...</HotelReservation>
  <HotelReservation>...</HotelReservation>
  <HotelReservation>...</HotelReservation>
</HotelReservations>
```

HotelReservation (OTA_NotifReport)

» HotelReservations » HotelNotifReport » NotifDetails » OTA_NotifReportRQ

Element	#	Description	Type	IsRequired?
ResGlobalInfo	1	ResGlobalInfo is a container for various information that affects the Reservation as a whole.	ResGlobalInfo	Required
UniqueID	1	Used to identify the index of HotelReservation.	UniqueID_Type	Required



The UniqueID must be used as index of HotelReservation and **should be incremented** for each HotelReservation in the request.



The UniqueID type **must be 'Other'**

Example – HotelReservation structure

```
<HotelReservation>
  <UniqueID Type="Other" ID="1">
  <ResGlobalInfo>...</ResGlobalInfo>
</HotelReservation>
```

ResGlobalInfo (OTA_NotifReport)

» HotelReservation » HotelReservations » HotelNotifReport » NotifDetails » OTA_NotifReportRQ

Element	#	Description	Type	IsRequired?
HotelReservationIDs	1	A Collection of HotelReservationID objects for a given reservation.	Collection of HotelReservationID (2)	Required

Example – ResGlobalInfo structure

```
<_ResGlobalInfo >
  <HotelReservationIDs>
    <HotelReservationID ResID_Type="14" ResID_Value="PMS001"
ResID_Source="PMS" />
    <HotelReservationID ResID_Type="14" ResID_Value="125698643322"
ResID_Source="Omnibees" />
    <HotelReservationID ResID_Type="16" ResID_Value="79786760-3154-4666-9237-
2a9bb453e1a8" ResID_Source="Omnibees" />
  </ HotelReservationIDs >
</_ResGlobalInfo >
```



The [HotelReservationID](#) element is equal to the element present in HotelReservationIDs in reservation message (**Push and Pull**).



Is required that **exist at least two HotelReservationID** elements, one for PMS Number and other for Reservation Number of Omnibees.



If the **Selection Type** used in OTA_Read message is **AllUndelivered** it's recommended indicate **one HotelReservationID element**, which indicate what is the **message token should be confirmed. Otherwise will be confirmed the last status of the reservation (NOT RECOMMENDED)**.
MESSAGES WITHOUT TOKEN WILL BE MARKED AS FAIL SOON

The **Token** used to confirm the reservations is present in **UniqueID** with Type **"Reference"**(16) inside **HotelReservation** element in the **OTA_ResRetrieveRS** message (**RECOMMENDED**)



Even send only errors for one reservation and you have not a PMS Number, you **need to create** these two elements, where the element **regarding to PMS Number** would have it **value empty**.



Is **always needed** the HotelReservationID with **reservation number of Omnibees**, retrieve before.

Example – HotelReservationID elements of one reservation with errors

```
<HotelReservationID ResID_Type="14" ResID_Value="" ResID_Source="PMS" />
<HotelReservationID ResID_Type="14" ResID_Value="12391872"
ResID_Source="Omnibees" />
<HotelReservationID ResID_Type="16" ResID_Value="79786760-3154-4666-9237-
2a9bb453e1a8" ResID_Source="Omnibees" />
```

Reservation Confirmation – OTA_NotifReportRS – Response←

Currently the version of reservation confirmation response is 3.0.

Element	#	Description	Type	IsRequired?
@Version	1	Version of implementation	Decimal	Required
@TimeStamp	1	DateTime in what the request was processed by our service.	DateTime	Required
@EchoToken	1	A reference for additional message identification, assigned by the requesting host system.	String	Required
Success	0..1	The existence of this tag give the information of a successful request.	SuccessType	Optional/ Required
Errors	0..1	Indicates that an error occurred in the processing of the incoming request message.	ErrorsType	Optional/ Required
Warnings	0..1	Optionally used in conjunction with the Success element to indicate that the recipient of the request message identified one or more business-level warnings.	WarningsType	Optional/ Required

Example – OTA_NoitfReportRS with its attributes and structure

```
<OTA_NotifReportRS EchoToken=" f47c7fa6-01d3-4f92-8d84-e73d5a2c6227"
TimeStamp="2015-09-30T17:09:37.2645302Z" Version="3.0"
xmlns="http://www.opentravel.org/OTA/2003/05">
  </Success>
</ OTA_NotifReportRS >
```

1st Rate Plan – OTA_HotelRatePlanNotifRQ – Request→

Rate Plans message is used to insert or update rate plans. This message will be the first message of a group of 4 possible messages. Currently the version of Rate Plan message request is 3.0.



It's only allowed to insert or update a rate plan at a time.



Is **required** that you already know the **codes of rooms mapped in Omnibees**, before insert or update a rate plan.



When a rate plan is created **with success**, an **automated mapping** will be made to **rooms** that you associate to **this** rate plan.



You can only **modify rate plans** that **were inserted** via **PMS**.



If the **rate plan**, that you are trying to insert, was **already inserted** manually in Omnibees, an **error** message will be returned.



Always you need update a **rate plan** you need to indicate a **RatePlanCode** that **already exist** in Omnibees.



When you do an **update to a rate plan already** created and you **don't send rooms** which it was sent **before, in insertion or updated of rate plan**, the **rooms** that **already exist** and **you don't sent**, will be joined to the request.



It's **not possible remove or deactivate rooms from rate plan**.
It's **not possible delete or deactivate a rate plan**.



If the **Rate Plan Availability Type is not informed** in the request the integration will **try to set the default value**. The Default value can only be defined if the **property doesn't allow a mix of availabilities**. The default value will **be equalized to the property availability type**.



The **Rate Plan Availability Type** should be equal to the availability type **allowed in the property**. If the Property **allow a mix of availability types** it's allowed implement **every rate plan availability type**.

Element	#	Description	Type	IsRequired?
@Version	1	Version of implementation	Decimal	Required
@TimeStamp	1	DateTime in what the request was processed by our service.	DateTime	Required
@EchoToken	1	A reference for additional message identification, assigned by the requesting host system.	Guid	Required
RatePlans	1	A collection of rate plans for a given hotel.	RatePlans	Required

Example – OTA_HotelRatePlanNotifRQ with its attributes and structure

```
< OTA_HotelRatePlanNotifRQ Version="3.0" EchoToken="94b5620f-2888-4c3c-a042-7f475917f08c" TimeStamp="2015-08-07T06:29:59.9970796+01:00">
  <RatePlans ...>...</ RatePlans>
</ OTA_HotelRatePlanNotifRQ >
```

RatePlans

» OTA_HotelRatePlanNotifRQ

Element	#	Description	Type	IsRequired?
@HotelCode	1	The code that uniquely identifies a single hotel property.	String	Required
RatePlan	1	Collection of RatePlan	RatePlan	Required

Example – RatePlans with its attributes.

```
< RatePlans HotelCode="OMNI123" >...</ RatePlans >
```

RatePlan

» RatePlans » OTA_HotelRatePlanNotifRQ

Element	#	Description	Type	IsRequired?
@Start	1	The starting value of the time span.	DateTime	Required
@End	1	The ending value of the time span.	DateTime	Required
@IsCommissionable	1	This Boolean identify the price model of rate plan. It tell us if the rate is Retail (true) or Net (false)	Boolean	Required
@CurrencyCode	1	An ISO 4217 (3) alpha character code that specifies a monetary unit.	String	Required

@RatePlanType	1	An enumerated type that allows the query to specify a rate category type, and provides major categories for comparison across brands.	Enumeration (Rate Plan Type) ⁴	Required
@RatePlanAvailabilityType	0..1	The availability type of rate plan	Enumeration (Rate Plan Availability Type) ⁵	Optional
@RatePlanCode	1	Indicates a Code of RatePlan, already mapped on Omnibees	String	Required
Rates	1	A collection of Rate.	A collection of Rate.	Required
SellableProducts	1	A collection of Sellable Products	A collection of SellableProduct.	Required
Description	1	Description of the RatePlan being Uploaded	A collection of ParagraphType	Required
UniqueID	1	Used to identify the index of the RatePlan	UniqueID Type	Required

Example – RatePlan with its attributes and structure.

```
<RatePlan Start="2015-10-10" End="2015-10-30" CurrencyCode="EUR" RatePlanType="12"
RatePlanCode="BAR_A" IsCommissionable="true" >
  <Rates>...</Rates>
  <SellableProducts>...</ SellableProducts>
  <Description ... >...</Rates>
  <UniqueID ID="1" Type="Other" />
</ AvailStatusMessage >
```

Rate

» [RatePlan](#) » [RatePlans](#) » [OTA HotelRatePlanNotifRQ](#)

Element	#	Description	Type	IsRequired?
MealsIncluded	1	Defines which meals are included with this rate program.	MealsIncluded	Required

⁴ Enumeration of Rate Plan Type - See enumeration in Glossary

⁵ Enumeration of Rate Plan Availability Type – See enumeration in Glossary

Example –Rate with its attributes and structure.

```
<Rate>
  <MealsIncluded .../>
</Rate>
```

MealsIncluded

» [Rate](#) » [RatePlan](#) » [RatePlans](#) » [OTA HotelRatePlanNotifRQ](#)

Element	#	Description	Type	IsRequired?
@MealPlanIndicator	1	When true, a meal plan is included in this rate plan. When false, a meal plan is not included in this rate plan.	Bool	Required
@MealPlanCodes	1	Used to identify the types of meals included with a rate plan.	Enumeration (Meal Plan Type) ⁶	Required



If you send a wrong Meal Plan Type, the rate will not be inserted.

Example –MealsIncluded with its attributes and structure.

```
<MealsIncluded MealPlanIndicator="true" MealPlanCodes="1" />
```

SellableProduct

» [RatePlan](#) » [RatePlans](#) » [OTA HotelRatePlanNotifRQ](#)

Element	#	Description	Type	IsRequired?
UniqueID	1	Used to identify the index of the SellableProduct (Room)	UniqueID_Type	Required
GuestRoom	1	GuestRoomType is used to contain all the information on a guest room.	GuestRoomType	Required



Will exist one SellableProduct element for each room you will associate to this rate plan.

Example –SellableProducts with its attributes and structure.

```
<SellableProduct>
  <UniqueID ID="1" Type="Other" />
  <GuestRoom>...</GuestRoom>
</SellableProduct>
```

⁶ Enumeration of [Meal Plan Type](#) - See enumeration in Glossary

GuestRoom

» [SellableProducts](#) » [RatePlan](#) » [RatePlans](#) » [OTA_HotelRatePlanNotifRQ](#)

Element	#	Description	Type	IsRequired?
Room	1	Attributes to describe the room from room category to location to view to bed type.	String	Required

Example –GuestRoom with its attributes and structure

```
<GuestRoom>
  <Room ... />
</GuestRoom>
```

Room

» [GuestRoom](#) » [SellableProducts](#) » [RatePlan](#) » [RatePlans](#) » [OTA_HotelRatePlanNotifRQ](#)

Element	#	Description	Type	IsRequired?
@RoomTypeCode	1	Specific system room type code	String	Required

Example –Room with its attributes and structure

```
<Room RoomTypeCode="BROOM"/>
```

Description

» [RatePlan](#) » [RatePlans](#) » [OTA_HotelRatePlanNotifRQ](#)

Element	#	Description	Type	IsRequired?
@Name	1	The name of rate plan	String	Required
Text	1	The description of rate plan	String	Required

Example –Description with its attributes and structure

```
<Description Name="BAR BEST">
  <Text>This is the best rate plan</Text>
</Description>
```

RatePlan – OTA_HotelRatePlanNotifRS – *Response*←

Currently the version of Rate Plan response message is 3.0

Element	#	Description	Type	IsRequired?
@Version	1	Version of implementation	Decimal	Required
@TimeStamp	1	DateTime in what the response was processed by our service.	DateTime	Required
@EchoToken	1	A reference for additional message identification, assigned by the response host system.	Guid	Required
Success	0..1	The existence of this tag give the information of a successful request.	SuccessType	Optional/ Required
Errors	0..1	Indicates that an error occurred in the processing of the incoming request message.	ErrorsType	Optional/ Required
Warnings	0..1	Optionally used in conjunction with the Success element to indicate that the recipient of the request message identified one or more business-level warnings.	WarningsType	Optional/ Required

Example – OTA_HotelRateAmountNotifRS with its attributes and structure

```
<OTA_HotelRatePlanNotifRS EchoToken="94b5620f-2888-4c3c-a042-7f475917f08c"
TimeStamp="2015-10-19T09:56:04.2035644Z" Version="3.0"
xmlns="http://www.opentravel.org/OTA/2003/05">
  <Success/>
</OTA_HotelRatePlanNotifRS >
```

2nd Prices – OTA_HotelRateAmountNotifRQ – Request→

Prices message is used to insert or update prices of one relation rate/room. This message need to be send after creation of rate plan and before allotment or restrictions messages. Currently the version of Prices message request is **3.0**

Element	#	Description	Type	IsRequired?
@Version	1	Version of implementation	Decimal	Required
@TimeStamp	1	DateTime in what the request was processed by our service.	DateTime	Required
@EchoToken	1	A reference for additional message identification, assigned by the requesting host system.	Guid	Required
RateAmountMessages	1	A collection of RateAmountMessages that define the rate changes to be made.	RateAmountMessages	Required

Example – OTA_HotelRateAmountNotifRQ with its attributes and structure

```
<OTA_HotelRateAmountNotifRQ Version="3.0" EchoToken="94b5620f-2888-4c3c-a042-7f475917f08c" TimeStamp="2015-08-07T06:29:59.9970796+01:00">
  <RateAmountMessages ... >...</ RateAmountMessages>
</ OTA_HotelAvailNotifRQ >
```

RateAmountMessages

» [OTA_HotelRateAmountNotifRQ](#)

Element	#	Description	Type	IsRequired?
@HotelCode	1	The code that uniquely identifies a single hotel property.	String	Required
RateAmountMessage	1..*	Collection of RateAmountMessage	RateAmountMessage geType	Required

Example – RateAmountMessages with its attributes.

```
< RateAmountMessages HotelCode="OMNI123" >...</ RateAmountMessages >
```

RateAmountMessageType

» [RateAmountMessages](#) » [OTA_HotelRateAmountNotifRQ](#)

Element	#	Description	Type	IsRequired?
@LocatorID	1	Can be used to communicate back to the sender exactly which transaction may have had a problem	Integer	Required

StatusApplicationControl	1	Information on what the RateAmount Message applies to (i.e. the combination of inventory and rate codes) and the period of application.	StatusApplicationControlType	Required
Rates	1	A collection of rate changes to be synchronized between systems	Collection of Rate	Required



Keep in mind that each RateAmountMessage should **not have** a range of time **bigger than 184 days (6 months)**

Example – RateAmountMessageType with its attributes and structure.

```
<RateAmountMessageType LocatorID="1">
  <StatusApplicationControl ... />
  <Rates>...</Rates>
</ AvailStatusMessage >
```

StatusApplicationControlType

» [RateAmountMessage](#) » [RateAmountMessages](#) » [OTA_HotelRateAmountNotifRQ](#)

Element	#	Description	Type	IsRequired?
@Start	1	The starting value of the time span.	Date	Required
@End	1	The ending value of the time span.	Date	Required
@RatePlanCode	1	Indicates a Code of RatePlan, already mapped on Omnibees	String	Required
@InvTypeCode	1	Indicates a code of Room, already mapped on Omnibees	String	Required

Example –StatusApplicationControlType with its attributes and structure.

```
<StatusApplicationControlType Start="2015-08-02" End="2015-08-07"
RatePlanCode="BAR_TESTE" InvTypeCode="BROOM"/>
```

Rate

» [RateAmountMessage](#) » [RateAmountMessages](#) » [OTA_HotelRateAmountNotifRQ](#)

Element	#	Description	Type	IsRequired?
@CurrencyCode	1	An ISO 4217 (3) alpha character code that specifies a monetary unit.	String	Required

@NumberOfUnits	1	Number of allotment for this rate/room	Integer	Optional/Required
BaseByGuestAmts	1..*	A collection of Base charges by number of guests.	Collection of BaseByGuestAmt	Required

Example of update prices for a period (1 at 4):

1 1 pax 50,00€ Allotment: 10	2 1 pax 50,00€ Allotment: 10	3	4	5
---------------------------------------	---------------------------------------	---	---	---

If you try update prices without send allotment (@NumberOfUnits):

- If the date range intersect already created days and dates with no days created, the created days will be updated and the other ones will be created without allotment.
 - Update Prices of 50€ for 55€ for period of 1 at 4, without allotment defined.

1 1 pax 55,00€ Allotment: 10	2 1 pax 55,00€ Allotment: 10	3 1 pax 55,00€ Allotment: --	4 1 pax 55,00€ Allotment: --	5
---------------------------------------	---------------------------------------	---------------------------------------	---------------------------------------	---

The days 3 and 4 was created and the days 1 and 2 was updated.



Attention - To create a day you need to inform us about **all occupancy** of the room. It is possible to **update** a day **with child occupancy without inform it**. But **it's not allowed** to create a day **without child occupancy** if the room have child occupancy defined.

Example –Rate with its attributes and structure.

```
<Rate CurrencyCode="EUR" >...</Rate>
```

BaseByGuestAmt

» [Rate](#) » [RateAmountMessage](#) » [RateAmountMessages](#) » [OTA_HotelRateAmountNotifRQ](#)

Element	#	Description	Type	IsRequired?
@AgeQualifyingCode	1	Defines an age range or age category of a guest	Enumeration (Age Qualifying Code) ⁷	Required
@NumberOfGuests	1	The number of guests associated with base charge.	Integer	Required
@AmountAfterTax	1	The total amount not including any associated tax	Decimal	Required

⁷ Enumeration of AgeQualifyingCode - See enumeration in Glossary

Example –BaseByGuestAmt with its attributes and structure.

```
<BaseByGuestAmt AgeQualifyingCode="10" NumberOfGuests="1"  
AmountAfterTax="50"/>
```



Extra Bed – If the room has extra bed price occupancy defined, it is possible to send us extra bed prices, however this is **optional**. If you want to inform about extra bed price you need to send the “**AgeQualifyingCode**” equal to “**AdicionalOccupantWithAdult (12)**”, and “**NumberOfGuests**” equal to **0**.

Example –BaseByGuestAmt with its attributes and structure – Extra bed example

```
<BaseByGuestAmt AgeQualifyingCode="12" NumberOfGuests="0"  
AmountAfterTax="30"/>
```

Prices – OTA_HotelRateAmountNotifRS – *Response*←

Currently the version of Prices response message is 3.0

Element	#	Description	Type	IsRequired?
@Version	1	Version of implementation	Decimal	Required
@TimeStamp	1	DateTime in what the response was processed by our service.	DateTime	Required
@EchoToken	1	A reference for additional message identification, assigned by the response host system.	Guid	Required
Success	0..1	The existence of this tag give the information of a successful request.	SuccessType	Optional/ Required
Errors	0..1	Indicates that an error occurred in the processing of the incoming request message.	ErrorsType	Optional/ Required
Warnings	0..1	Optionally used in conjunction with the Success element to indicate that the recipient of the request message identified one or more business-level warnings.	WarningsType	Optional/ Required

Example – OTA_HotelRateAmountNotifRS with its attributes and structure

```
<OTA_HotelRateAmountNotifRS EchoToken="94b5620f-2888-4c3c-a042-7f475917f08c"
TimeStamp="2015-10-19T09:56:04.2035644Z" Version="3.0"
xmlns="http://www.opentravel.org/OTA/2003/05">
  <Success/>
</OTA_HotelRateAmountNotifRS >
```

Allotment – OTA_HotelAvailNotifRQ – Request→

Allotment message is used to update allotment in a rate/room relation. Should be sent after price message.

Currently the version of Allotment request is **3.0**

Element	#	Description	Type	IsRequired?
@Version	1	Version of implementation	Decimal	Required
@TimeStamp	1	DateTime in what the request was processed by our service.	DateTime	Required
@EchoToken	1	A reference for additional message identification, assigned by the requesting host system.	Guid	Required
MessageContentCode	1	Defines specific content of the message being sent. For this allotment message is 3	String	Required
AvailStatusMessages	1	An OTA_HotelAvailNotifRQ contains the availability statuses for a single hotel	AvailStatusMessages	Required

Example – OTA_HotelAvailNotifRQ with its attributes and structure

```
<OTA_HotelAvailNotifRQ Version="3.0" EchoToken="94b5620f-2888-4c3c-a042-7f475917f08c" TimeStamp="2015-08-07T06:29:59.9970796+01:00"
MessageContentCode="3">
  <AvailStatusMessages ... >...</ AvailStatusMessages>
</ OTA_HotelAvailNotifRQ >
```

AvailStatusMessages

» [OTA_HotelAvailNotifRQ](#)

Element	#	Description	Type	IsRequired?
@HotelCode	1	The code that uniquely identifies a single hotel property.	String	Required
AvailStatusMessage	1..*	Collection of AvailStatusMessage	AvailStatusMessage	Required

Example – AvailStatusMessages with its attributes.

```
< AvailStatusMessages HotelCode="OMNI123" >...</ AvailStatusMessages >
```

AvailStatusMessageType

» [AvailStatusMessages](#) » [OTA HotelAvailNotifRQ](#)

Element	#	Description	Type	IsRequired?
@BookingLimit	1	Number of units of inventory that can be sold.	Integer	Required
StatusApplicationControl	1	Information on what the AvailStatus Message applies to (i.e. the combination of inventory and rate codes) and the period of application.	StatusApplicationControlType	Required
UniqueID	1	Used to identify each AvailStatusMessage.	UniqueID_Type	Required



Keep in mind that each AvailStatusMessageType should **not have** a range of time **bigger than 184 days (6 months)**

Example – HotelReadRequests with its attributes and structure.

```
<AvailStatusMessage BookingLimit="20">
  <StatusApplicationControl ... />
  <UniqueID ID="1" Type="Other" />
</AvailStatusMessage >
```

StatusApplicationControlType

» [AvailStatusMessage](#) » [AvailStatusMessages](#) » [OTA HotelAvailNotifRQ](#)

Element	#	Description	Type	IsRequired?
@Start	1	The starting value of the time span.	Date	Required
@End	1	The ending value of the time span.	Date	Required
@RatePlanCode	1	Indicates a Code of RatePlan, already mapped on Omnibeas	String	Required
@InvTypeCode	1	Indicates a code of Room, already mapped on Omnibeas	String	Required

Example –StatusApplicationControlType with its attributes and structure.

```
<SelectionCriteria Start="2015-08-06" End="2015-08-07" RatePlanCode="BAR_TESTE"
  InvTypeCode="BROOM"/>
```

Allotment – OTA_HotelAvailNotifRS – *Response*←

Currently the version of Allotment response is 3.0

Element	#	Description	Type	IsRequired?
@Version	1	Version of implementation	Decimal	Required
@TimeStamp	1	DateTime in what the response was processed by our service.	DateTime	Required
@EchoToken	1	A reference for additional message identification, assigned by the response host system.	Guid	Required
Success	0..1	The existence of this tag give the information of a successful request.	SuccessType	Optional/ Required
Errors	0..1	Indicates that an error occurred in the processing of the incoming request message.	ErrorsType	Optional/ Required
Warnings	0..1	Optionally used in conjunction with the Success element to indicate that the recipient of the request message identified one or more business-level warnings.	WarningsType	Optional/ Required

Example – OTA_HotelAvailNotifRS with its attributes and structure

```
<OTA_HotelAvailNotifRS EchoToken="94b5620f-2888-4c3c-a042-7f475917f08c"
TimeStamp="2015-10-19T09:56:04.2035644Z" Version="3.0"
xmlns="http://www.opentravel.org/OTA/2003/05">
  <Success/>
</OTA_HotelAvailNotifRS>
```

Restrictions – OTA_HotelAvailNotifRQ – Request→

Restrictions message is used to update restrictions in a rate/room relation. Should be sent after prices message.

Currently the version of Restriction request is **3.0**

Element	#	Description	Type	IsRequired?
@Version	1	Version of implementation	Decimal	Required
@TimeStamp	1	DateTime in what the request was processed by our service.	DateTime	Required
@EchoToken	1	A reference for additional message identification, assigned by the requesting host system.	Guid	Required
MessageContentCode	1	Defines specific content of the message being sent. For this restrictions message is 99	String	Required
AvailStatusMessages	1	An OTA_HotelAvailNotifRQ contains the availability statuses for a single hotel	AvailStatusMessages	Required

Example – OTA_HotelAvailNotifRQ with its attributes and structure

```
<OTA_HotelAvailNotifRQ Version="3.0" EchoToken="94b5620f-2888-4c3c-a042-7f475917f08c" TimeStamp="2015-08-07T06:29:59.9970796+01:00"
MessageContentCode="99">
  <AvailStatusMessages ... >...</ AvailStatusMessages>
</ OTA_HotelAvailNotifRQ >
```

AvailStatusMessages

» **OTA_HotelAvailNotifRQ**

Element	#	Description	Type	IsRequired?
@HotelCode	1	The code that uniquely identifies a single hotel property.	String	Required
AvailStatusMessage	1..*	Collection of AvailStatusMessage	AvailStatusMessage eType	Required

Example – AvailStatusMessages with its attributes.

```
< AvailStatusMessages HotelCode="OMNI123" >...</ AvailStatusMessages >
```

AvailStatusMessageType

» [AvailStatusMessages](#) » [OTA HotelAvailNotifRQ](#)

Element	#	Description	Type	IsRequired?
LengthsOfStay	0..1	Collection of Length of Stay elements	LengthsOfStayType	Optional/Required
RestrictionStatus	0..1	Availability status assigned to the room rate combination.	RestrictionStatus	Optional/Required
StatusApplicationControl	1	Information on what the AvailStatus Message applies to (i.e. the combination of inventory and rate codes) and the period of application.	StatusApplicationControlType	Required
UniqueID	1	Used to identify each AvailStatusMessage.	UniqueID_Type	Required



Must exist **at least one** element of **LengthsOfStay** or **RestrictionStatus**



Keep in mind that each AvailStatusMessageType should **not have** a range of time **bigger than 184 days (6 months)**

Example – HotelReadRequests with its attributes and structure.

```
<AvailStatusMessage>
  <RestrictionStatus .../>
  <LengthOfStay/>
  <StatusApplicationControl ... />
  <UniqueID ID="1" Type="Other" />
</AvailStatusMessage>
```

StatusApplicationControlType

» [AvailStatusMessage](#) » [AvailStatusMessages](#) » [OTA HotelAvailNotifRQ](#)

Element	#	Description	Type	IsRequired?
@Start	1	The starting value of the time span.	DateTime	Required
@End	1	The ending value of the time span.	DateTime	Required
@RatePlanCode	1	Indicates a Code of RatePlan, already mapped on Omnibeas	String	Required
@InvTypeCode	1	Indicates a code of Room, already mapped on Omnibeas	String	Required

Example –StatusApplicationControlType with its attributes and structure.

```
<StatusApplicationControlType Start="2015-08-06" End="2015-08-07"
RatePlanCode="BAR_TESTE" InvTypeCode="BROOM"/>
```

LengthsOfStay

» AvailStatusMessage » AvailStatusMessages » OTA_HotelAvailNotifRQ

Element	#	Description	Type	IsRequired?
LengthOfStay	1..3	A collection of patterns defining allowable lengths of stay (LOS).	LengthOfStay	Required

Example –LengthsOfStay structure.

```
<LengthsOfStay>
  <LengthOfStay ... />
</LengthsOfStay>
```

LengthOfStay

» LengthsOfStay » AvailStatusMessage » AvailStatusMessages » OTA_HotelAvailNotifRQ

Element	#	Description	Type	IsRequired?
@TimeUnit	1	A time unit used to apply this status message (Always 'Day')	Enumeration (TimeUnitType) ⁸	Required
@Time	1	Used in conjunction with the MinMaxMessageType and the TimeUnit to define the length of stay requirements.	Integer	Required
@MinMaxMessageType	1	An enumerated type used to define how the minimum and maximum LOS is applied.	Enumeration (MinMaxMessageType) ⁹	Required



The **MinAdvancedBookingOffset** is an **independent restriction** and could be used **without the attributes, Restriction and Status**. The attributes, **Restriction and Status** must be used **together**.

⁸ Enumeration of Time Unit Type – See enumeration in Glossary

⁹ Enumeration of Max Min Message Type – See enumeration in Glossary

Example –LengthOfStay structure and it attributes.

```
<LengthOfStay TimeUnit="Day" Time="2" MinMaxMessageType="MinLOS"/>
```

RestrictionStatus

» [AvailStatusMessage](#) » [AvailStatusMessages](#) » [OTA HotelAvailNotifRQ](#)

Element	#	Description	Type	IsRequired?
@Restriction	0..1	The type of restriction	Enumeration (Restriction) ¹⁰	Optional/Required
@Status	0..1	Identifies the availability status of an item.	Enumeration (RestrictionStatus) ¹¹	Optional/Required
@MinAdvancedBookingOffset	0..1	Minimum days before the arrival date for which this rate plan may be booked.	Integer	Optional/Required



The **MinAdvanceBookingOffset** is not used as an **enumerator**, it is only used as an attribute in the **RestrictionStatus** element.

Example –RestrictionStatus with its attributes and structure.

```
<RestrictionStatus Restriction="Arrival" Status="Close" MinAdvancedBookingOffset="5"/>
```

¹⁰ Enumeration of Restriction – See enumeration in Glossary

¹¹ Enumeration of RestrictionStatus – See enumeration in Glossary

Restrictions – OTA_HotelAvailNotifRS – *Response*←

Currently the version of Allotment response is 3.0

Element	#	Description	Type	IsRequired?
@Version	1	Version of implementation	Decimal	Required
@TimeStamp	1	DateTime in what the response was processed by our service.	DateTime	Required
@EchoToken	1	A reference for additional message identification, assigned by the response host system.	Guid	Required
Success	0..1	The existence of this tag give the information of a successful request.	SuccessType	Optional/ Required
Errors	0..1	Indicates that an error occurred in the processing of the incoming request message.	ErrorsType	Optional/ Required
Warnings	0..1	Optionally used in conjunction with the Success element to indicate that the recipient of the request message identified one or more business-level warnings.	WarningsType	Optional/ Required

Example – OTA_HotelAvailNotifRS with its attributes and structure

```
<OTA_HotelAvailNotifRS EchoToken="94b5620f-2888-4c3c-a042-7f475917f08c"
TimeStamp="2015-10-19T09:56:04.2035644Z" Version="3.0"
xmlns="http://www.opentravel.org/OTA/2003/05">
  <Success/>
</OTA_HotelAvailNotifRS>
```

Profiles – OTA_ProfileCreateRQ – Request→

Profile's message is used to create or update **guest profiles, travel agencies and companies**.
Currently the version of Profiles request is **3.0**

Element	#	Description	Type	IsRequired?
@Version	1	Version of implementation	Decimal	Required
@TimeStamp	1	DateTime in what the request was processed by our service.	DateTime	Required
@EchoToken	1	A reference for additional message identification, assigned by the requesting host system.	Guid	Required
POS	1	Point of Sale. OTA array that have a collection of (SourceType)	Collection of SourceType (1)	Required
UniqueID	1	A unique ID that indicate the code of Profile (must be Unique)	UniqueID Type	Required
Profile	1	Details of the profile. Root element for profile content.	Profile	Required

Example – OTA_ProfileCreateRQ with its attributes and structure

```
<OTA_ProfileCreateRQ Version="3.0" EchoToken="94b5620f-2888-4c3c-a042-7f475917f08c" TimeStamp="2015-08-07T06:29:59.9970796+01:00" >
  <POS>...</POS>
  <UniqueID Type="Customer" ID="GUEST123" />
  <Profile ...>...</ Profile>
</ OTA_ProfileCreateRQ >
```

SourceType

» [OTA_ProfileCreateRQ](#)

Element	#	Description	Type	IsRequired?
RequestorID	1	An identifier of the hotel that make the request.	RequestorID	Required

Example – SourceType structure

```
<Source>
  <RequestorID ... />
</Source>
```

RequestorID

» SourceType » OTA_ProfileCreateRQ

@ID	1	A unique identifying value assigned by the creating system.	String	Required
@Type	1	A reference to the type of object defined by the UniqueID element	Enumeration UIT ¹²	Required

Example – RequestorID structure and its attributes

```
<RequestorID Type="Hotel" ID="OMNI123" />
```

Guest profile

There are a specific local to create a guest profile. The creation of guest differ from creations of travel agencies and companies.



Be careful when you try to update a profile, please keep in mind that you need to use always the same profile code (UserID) and the same e-mail used into the creation of the profile.



The e-mail cannot be updated. In case of guest profile keep in mind that you cannot update credentials.

ProfileType

» OTA_ProfileCreateRQ

Element	#	Description	Type	IsRequired?
@ProfileType	1	Code to specify a profile such as Customer, Tour Operator, Corporation, etc. In this case will be Customer.	Enumeration PRT ¹³	Required
@CreateDateTime	1	Time stamp of the creation.	DateTime	Required
@ShareAllMarketInd	0..1	Permission for sharing all data in profile for marketing purposes.	YesNoType	Optional
@StatusCode	1	Status of the profile.	Enumeration PST ¹⁴	Required
Customer	1	Detailed customer information for this profile.	CustomerType	Required

¹² Unique ID Type – UIT - See enumeration's Unique ID Type in Glossary

¹³ Profile Type – PRT – See enumeration's Profile Type in Glossary

¹⁴ Profile Status Code – PST – See enumeration's Profile Status Code in Glossary

UserID	1	The user ids and pin numbers of the profile.	UserID	Required
TPA_Extensions	0..1	A placeholder in the schema to allow for additional elements and attributes to be included per Trading Partner Agreement (TPA)	TPA_ExtensionsType (1)	Optional

Example – Profile with its attributes and structure.

```
<Profile ProfileType="Customer" CreateDateTime="2015-10-10" ShareAllMarketInd="Yes"
  StatusCode="Active" >
  <Customer ... >...</Customer>
  <UserID ... ></UserID>
  <TPA_Extensions>...</TPA_Extensions>
</ Profile >
```

UserID

» **ProfileType** » **OTA_ProfileCreateRQ**

Element	#	Description	Type	IsRequired?
@ID	1	A unique identifying value assigned by the creating system. Notice that this username must be unique and can't be changed	String	Required
@PinNumber	1	The personal identification number (password) for this user ID.	String	Required

Example – UserID with its attributes and structure

```
<UserID ID="user_teste" PinNumber="xptopassword1234" />
```



The UserID is for exclusive use of creation of guest profile, not for agency or company creation.

CustomerType

» **ProfileType** » **OTA_ProfileCreateRQ**

Element	#	Description	Type	IsRequired?
@Birthday	0..1	Indicates the date of birth	Date	Optional
@Gender	0..1	Identifies the gender.	String	Optional

@Language	1	Language identification. ISO 639 code for a language	String	Required
@CurrencyCode	1	An ISO 4217 (3) alpha character code that specifies a monetary unit.	String	Required
PersonName	1	Detailed name information for the customer.	PersonNameType	Required
Telephone	0..3	Information on a telephone number for the customer.	TelephoneType	Optional
Email	0..2	Information on an email address for the customer.	EmailType	Optional
Address	0..2	Detailed information on an address for the customer.	AddressType	Optional
CustLoyalty	0..1	Loyalty program information for the customer.	Collection of CustLoyalty	Optional
Document	0..1	Detailed document information for the customer	Collection of DocumentType	Optional

Example – CustomerType with its attributes and structure

```

<Customer Birthday="10-05-1989" >
  <PersonName>...</PersonName>
  <Telephone ... />
  <Email ...></Email>
  <Address>...</Address>
  <CustLoyalty>...</CustLoyalty>
  <Document ... />
</Customer>

```

PersonNameType

» [CustomerType](#) » [ProfileType](#) » [ProfileInfo](#) » [ResGuestType](#) » [HotelReservation](#)

Element	#	Description	Type	IsRequired?
GivenName	1	Detailed name information for the customer.	Collection of String	Required
Surname	0..1	Family name, last name.	String	Optional
NamePrefix	0..1	Salutation of honorific (e.g. Mr., Mrs., Ms., Miss, Dr.)	Salutation of honorific (e.g. Mr., Mrs., Ms., Miss, Dr.)	Optional
@NameType	0..1	Type of name of the individual	Enumeration List Name Type (NAM)	Optional



NameType attribute is used in case that need to have another name to billing.

Example – *PersonNameType* with its attributes and structure

```
<PersonName NameType="99">
  <NamePrefix>Mr</NamePrefix>
  <GivenName>Afonso</GivenName>
  <Surname>Silva</Surname>
</PersonName>
```

TelephoneType

» CustomerType » ProfileType » ProfileInfo » ResGuestType » HotelReservation

Element	#	Description	Type	IsRequired?
@PhoneNumber	1	Telephone number assigned to a single location.	String	Required
@CountryAccessCode	0..1	Code assigned by telecommunications authorities for international country access identifier.	String	Optional
@PhoneTechType	1	Indicates type of technology associated with this telephone number	Enumeration Phone Technology Type (PTT).	Required
@PhoneUseType	1	Describes the type of telephone number	Enumeration Phone Use Type (PUT).	Required



If **PhoneTechType** attribute is **null** or **empty**, by default it will be considered type **Phone**.

Example – *TelephoneType* with its attributes and structure

```
<Telephone CountryAccessCode="+351" PhoneNumber="5455454545"
PhoneTechType="1" PhoneUseType="5">
```

EmailType

» CustomerType » ProfileType » ProfileInfo » ResGuestType » HotelReservation

Element	#	Description	Type	IsRequired?
Value	1	Email Addresss	String	Required
EmailType	0..1	Defines the purpose of the e-mail address	Enumeration Email Address Type (EAT).	Optional

Example – EmailType with its attributes and structure

```
<Email EmailType="1">Omnibeas.xpto@visualforma.pt</Email>
```

AddressType

» [CustomerType](#) » [ProfileType](#) » [ProfileInfo](#) » [ResGuestType](#) » [HotelReservation](#)

Element	#	Description	Type	IsRequired?
@UseType	1	Describes the use of the address	Enumeration Address Use Type (AUT).	Required
AddressLine	0..2	These lines will contain free form address details	Collection of String	Optional
CityName	0..1	City (e.g., Faro)	String	Optional
StateProv	0..1	State or Province name (e.g., Faro)	StateProvType	Optional
PostalCode	0..1	Post Office Code number.	String	Optional
CountryName	0..1	Country name (e.g., Portugal).	CountryNameType	Optional

Example – AddressType with its attributes and structure

```
<Address UseType="6" >
  <AddressLine>Sítio das Figuras</AddressLine>
  <AddressLine>Lote 2</AddressLine>
  <CityName>Faro</CityName>
  <PostalCode>9899-598</PostalCode>
  <StateProv ... />
  <CountryName ... />
</Address>
```

StateProvType

» [AddressType](#) » [CustomerType](#) » [ProfileType](#) » [ProfileInfo](#) » [ResGuestType](#) » [HotelReservation](#)

Element	#	Description	Type	IsRequired?
@StateCode	1	The standard code or abbreviation for the state, province, or region.	String	Required

Example – StateProvType with its attributes and structure

```
<StateProv StateCode="Faro" />
```

CountryNameType

» [AddressType](#) » [CustomerType](#) » [ProfileType](#) » [ProfileInfo](#) » [ResGuestType](#) » [HotelReservation](#)

Element	#	Description	Type	IsRequired?
@Code	1	ISO 3166 code for a country.	String	Required

Example – CountryNameType with its attributes and structure

```
<CountryName Code="PT" />
```

CustLoyalty

» [CustomerType](#) » [ProfileType](#) » [ProfileInfo](#) » [ResGuestType](#) » [HotelReservation](#)

Element	#	Description	Type	IsRequired?
@LoyalLevel	0..1	Indicates special privileges in program assigned to individual.	String	Required/Optional

Example – CustLoyalty with its attribute

```
<CustLoyalty LoyalLevel="1235HG" />
```



To associate a **loyalty level existent** in Omnibees to one profile, it's **needed** that the respective loyalty level exist mapped in Omnibees.



The profile **will be created** even the loyal level information will be not sent in the message or is invalid (case in which the code is not recognized).

DocumentType

» [CustomerType](#) » [ProfileType](#) » [ProfileInfo](#) » [ResGuestType](#) » [HotelReservation](#)

Element	#	Description	Type	IsRequired?
@DocID	1	The country code of the nationality of the document holder.	String	Required

Example – DocumentType with its attribute

```
<Document DocID="123456789" />
```

TPA_ExtensionsType – VATNumber

» [Profile](#) » [OTA_ProfileCreateRQ](#)

Element	#	Description	Type	IsRequired?
VATNumber	1	VAT Number of company	String	Required



VATNumber will be placed as element of **Any** list inside TPA_ExtensionsType.

Travel Agency profile & Company profile

There are a specific local to create a travel agency profile and company profile. The creation of travel agency differ from creations of guests.

ProfileType

» [OTA_ProfileCreateRQ](#)

Element	#	Description	Type	IsRequired?
@ProfileType	1	Code to specify a profile such as Customer, Tour Operator, Corporation, etc. In this case will be TravelAgency or Company.	Enumeration PRT ¹⁵	Required
@CreateDateTime	1	Time stamp of the creation.	DateTime	Required
@StatusCode	1	Status of the profile.	Enumeration PST ¹⁶	Required
CompanyInfo	1	Company information related to the profile	CompanyInfoType	Required
TPA_Extensions	0..1	A placeholder in the schema to allow for additional elements and attributes to be included per Trading Partner Agreement (TPA). Will be used to VATNumber.	Collection of TPA_ExtensionsType (1)	Optional

Example – Profile with its attributes and structure.

```
<Profile ProfileType="Customer" CreateDateTime="2015-10-10" StatusCode="Active" >
  <CompanyInfo ...>...</CompanyInfo>
  <TPA_Extensions>...</TPA_Extensions>
</Profile>
```

CompanyInfoType

» ProfileType » [OTA_ProfileCreateRQ](#)

Element	#	Description	Type	IsRequired?
@CurrencyCode	1	An ISO 4217 (3) alpha character code that specifies a monetary unit.	String	Required
CompanyName	1	Detailed name information for the customer.	CompanyNameType	Required

¹⁵ Profile Type – PRT – See enumeration's Profile Type in Glossary

¹⁶ Profile Status Code – PST – See enumeration's Profile Status Code in Glossary

AddressInfo	1	Information on a telephone number for the customer.	AddressInfoType	Required
BusinessLocale	1	A jurisdiction in which a company is authorized to do business.	AddressType	Required
TelephoneInfo	1..2	Information on an email address for the customer.	TelephoneInfoType	Required
Email	0..1	Detailed information on an address for the customer.	Email	Optional

Example – CustomerType with its attributes and structure

```
<CompanyInfo CurrencyCode="EUR" >
  <CompanyName>Agency Omnibeas</CompanyName>
  <TelephoneInfo ... />
  <Email ...></Email>
  <AddressInfo>...</AddressInfo>
  <BusinessLocale ... />
</CompanyInfo>
```

TelephoneInfoType

» [CompanyInfoType](#) » [ProfileType](#) » [ProfileInfo](#) » [ResGuestType](#) » [HotelReservation](#)

Element	#	Description	Type	IsRequired?
@PhoneNumber	1	Telephone number assigned to a single location.	String	Required
@CountryAccessCode	0..1	Code assigned by telecommunications authorities for international country access identifier.	String	Optional
@PhoneTechType	1	Indicates type of technology associated with this telephone number	Enumeration Phone Technology Type (PTT).	Required

Example – TelephoneInfoType with its attributes and structure

```
<Telephone CountryAccessCode="+351" PhoneNumber="5455454545"
PhoneTechType="1" >
```

Email

» [CompanyInfoType](#) » [ProfileType](#) » [ProfileInfo](#) » [ResGuestType](#) » [HotelReservation](#)

Element	#	Description	Type	IsRequired?
Value	1	Email Addresss	String	Required

Example – Email with its attributes and structure

```
<Email>Omnibees.xpto@visualforma.pt</Email>
```

AddressInfoType

» [CompanyInfoType](#) » [ProfileType](#) » [OTA_ProfileCreateRQ](#)

Element	#	Description	Type	IsRequired?
AddressLine	1..2	These lines will contain free form address details	Collection of String	Required
CityName	1	City (e.g., Faro)	String	Required
StateProv	0..1	State or Province name (e.g., Faro)	StateProvType	Optional
PostalCode	1	Post Office Code number.	String	Required
CountryName	1	Country name (e.g., Portugal).	CountryNameType	Required

Example – AddressInfoType with its attributes and structure

```
<Address UseType="6">
  <AddressLine>Sítio das Figuras</AddressLine>
  <AddressLine>Lote 2</AddressLine>
  <CityName>Faro</CityName>
  <PostalCode>9899-598</PostalCode>
  <StateProv ... />
  <CountryName ... />
</Address>
```

StateProvType

» [AddressInfoType](#) » [CompanyInfoType](#) » [ProfileType](#) » [OTA_ProfileCreateRQ](#)

Element	#	Description	Type	IsRequired?
@StateCode	1	The standard code or abbreviation for the state, province, or region.	String	Required

Example – StateProvType with its attributes and structure

```
<StateProv StateCode="Faro" />
```

CountryNameType

» [AddressInfoType](#) » [CompanyInfoType](#) » [ProfileType](#) » [OTA_ProfileCreateRQ](#)

Element	#	Description	Type	IsRequired?
@Code	1	ISO 3166 code for a country.	String	Required

Example – CountryNameType with its attributes and structure

```
<CountryName Code="PT" />
```

(AddressType) BusinessLocale

» CompanyInfoType » ProfileType » OTA_ProfileCreateRQ

Element	#	Description	Type	IsRequired?
@Language	1	Language identification. ISO 639 code for a language	String	Required

Example – BusinessLocale with its attribute

```
<BusinessLocale Language="PT" />
```

TPA_ExtensionsType – VATNumber

» Profile » OTA_ProfileCreateRQ

Element	#	Description	Type	IsRequired?
VATNumber	1	VAT Number of company	String	Required



VATNumber will be placed as element of **Any** list inside TPA_ExtensionsType.

Profiles – OTA_ProfileCreateRS – Response←

Currently the version of Allotment response is 3.0

Element	#	Description	Type	IsRequired?
@Version	1	Version of implementation	Decimal	Required
@TimeStamp	1	DateTime in what the response was processed by our service.	DateTime	Required
@EchoToken	1	A reference for additional message identification, assigned by the response host system.	Guid	Required
Success	0..1	The existence of this tag give the information of a successful request.	SuccessType	Optional/ Required
Errors	0..1	Indicates that an error occurred in the processing of the incoming request message.	ErrorsType	Optional/ Required
Warnings	0..1	Optionally used in conjunction with the Success element to indicate that the recipient of the request message identified one or more business-level warnings.	WarningsType	Optional/ Required

Example – OTA_ProfileCreateRS with its attributes and structure

```
<OTA_ProfileCreateRS EchoToken="94b5620f-2888-4c3c-a042-7f475917f08c"
TimeStamp="2015-10-19T09:56:04.2035644Z" Version="3.0"
xmlns="http://www.opentravel.org/OTA/2003/05">
  <Success/>
</OTA_ProfileCreateRS >
```

Channels – ChannelsRQ – Request→

Channel's message is used to get a list of all channels existent in Omnibeas.

Currently the version of Channel request is **3.0**

Pay attention that this message is custom and not exist in OTA Schema.

Element	#	Description	Type	IsRequired?
@Version	1	Version of implementation	Decimal	Required
@TimeStamp	1	DateTime in what the request was processed by our service.	DateTime	Required
@EchoToken	1	A reference for additional message identification, assigned by the requesting host system.	Guid	Required
@HotelCode	1	The Code of hotel defined in Omnibeas	String	Required

Example – ChannelsRQ with its attributes and structure

```
<ChannelsRQ Version="3.0" EchoToken="94b5620f-2888-4c3c-a042-7f475917f08c"  
TimeStamp="2015-08-07T06:29:59.9970796+01:00" HotelCode="OMNI123" />
```

Channels – ChannelsRS – *Response*←

This message is used to retrieve all channels existent in Omnibees system

Currently the version of Channels response is 3.0

Element	#	Description	Type	IsRequired?
@Version	1	Version of implementation	Decimal	Required
@TimeStamp	1	DateTime in what the response was processed by our service.	DateTime	Required
@EchoToken	1	A reference for additional message identification, assigned by the response host system.	Guid	Required
Success	0..1	The existence of this tag give the information of a successful request.	SuccessType	Optional/ Required
Errors	0..1	Indicates that an error occurred in the processing of the incoming request message.	ErrorsType	Optional/ Required
Warnings	0..1	Optionally used in conjunction with the Success element to indicate that the recipient of the request message identified one or more business-level warnings.	WarningsType	Optional/ Required
Channels	1	List of channels obtained from the request	Collection of Channel	Required

Example – ChannelsRS with its attributes and structure

```
<ChannelsRS EchoToken="94b5620f-2888-4c3c-a042-7f475917f08c" TimeStamp="2015-10-19T09:56:04.2035644Z" Version="3.0"
xmlns="http://www.opentravel.org/OTA/2003/05">
  <Channels>...</Channels>
  <Success/>
</ChannelsRS >
```

Channel

» Channels » ChannelsRS

Element	#	Description	Type	IsRequired?
UID	1	The UID of channel in Omnibeas System	Integer	Required
Name	1	The Name of Channel in Omnibeas system	String	Required
ChannelDetail	1	Extra information about the channel as VATNumber for example	ChannelDetail	Required /Optional

Example – Channel with its attributes and structure

```
<Channel >
  <UID>1</UID>
  <Name>Canal de Teste</Name>
  <ChannelDetail>...</ChannelDetail>
</Channel>
```

ChannelDetail

» Channel » Channels » ChannelsRS

Element	#	Description	Type	IsRequired?
Email	1	The email of channel	String	Required
Address	1	The address of channel	Address	Required

Example – ChannelDetail with its attributes and structure

```
<ChannelDetail>
  <Email>teste@teste.py</UID>
  <Address>...</Address>
</ChannelDetail >
```

Address (ChannelDetail)

» ChannelDetail » Channel » Channels » ChannelsRS

Element	#	Description	Type	IsRequired?
AddressLine	0..2	These lines will contain free form address details	Collection of String	Optional
CityName	0..1	City (e.g., Faro)	String	Optional
PostalCode	0..1	Post Office Code number.	String	Optional
StateProv	0..1	State or Province name (e.g., Faro)	String	Optional
CountryName	0..1	Country name (e.g., Portugal).	CountryNameType	Optional
VATNumber	0..1	The Vat number of the channel	String	Optional

Example – Address with its attributes and structure

```
<Address>
  <AddressLine>teste@teste.py</AddressLine>
  <CityName>Faro</CityName>
  <PostalCode>8005-056</PostalCode>
  <StateProv>Faro</StateProv>
  <CountryName ...>...</CountryName>
  <VATNumber>568656854</VATNumber>
</ChannelDetail >
```

CountryNameType (ChannelDetail)

» **ChannelDetail** » **Channel** » **Channels** » **ChannelsRS**

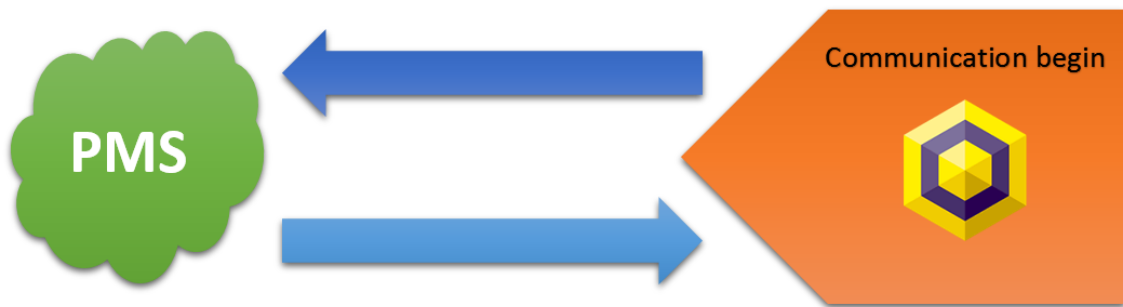
Element	#	Description	Type	IsRequired?
@Code	1	ISO 3166 code for a country.	String	Required
Value	1	The Name of Country	String	Required

Example – CountryNameType with its attributes and structure

```
<CountryName Code="PT" > Portugal</>
```

Push Messages

PMS Generic allow you to receive Reservations and requests of Inventory. All messages sent to your system will have a credentials that identify the request.



Reservations – OTA_HotelResNotifRQ

This message is used to send reservations from Omnibeas to the PMS system

Currently the version of Reservations request is **3.0**

Element	#	Description	Type	IsRequired?
@Version	1	Version of implementation	Decimal	Required
@TimeStamp	1	DateTime in what the request was processed by our service.	DateTime	Required
@EchoToken	1	A reference for additional message identification, assigned by the requesting host system.	String	Required
HotelReservations	1	OTA Array that have a collection of HotelReservation. We only sent one reservation (HotelReservation) by request.	Collection of HotelReservation (1)	Required

HotelReservation

» [OTA_HotelResNotifRQ](#)

Element	#	Description	Type	IsRequired?
@ResStatus	1	Status of reservation	Enumeration¹⁷ (ReservationStatus)	Required
@CreateDateTime	1	DateTime of creation of reservation	DateTime	Required
POS	1	Point of Sale. OTA array that have a collection of (SourceType)	Collection of SourceType (1..10)	Required
UniqueID	2	Used to provide Omnibeas identifiers of reservation	UniqueID Type	Required
RoomStays	1	OTA Array that have a collection of (RoomStay)	Collection of RoomStay (1..*)	Required
Services	0..1	Collection of services	Collection of ServiceType	Optional
ResGuests	0..1	Collection of guests associated with the reservation	Collection of ResGuestType (1..*)	Optional
ResGlobalInfo	0..1	ResGlobalInfo is a container for various information that affects the Reservation as a whole.	ResGlobalInfo	Optional

¹⁷ See enumeration's status of reservation in Glossary

TPA_Extensions	1	TPA_Extensions gave us more information about the reservation	TPA_ExtensionsType	Optional
----------------	---	---	------------------------------------	----------

Example – HotelReservation with its attributes.

```
<HotelReservation CreateDateTime="2015-07-28T11:58:52.23+01:00"
ResStatus="Booked">
  <POS>...</POS>
  <UniqueID>
  <UniqueID>
  <RoomStays>...</RoomStays>
  <Services>...</Services>
  <ResGuests>...</ResGuests>
  <ResGlobalInfo>...</ResGlobalInfo>
  <TPA_Extensions >...</TPA_Extensions>
</HotelReservation>
```

SourceType

» [HotelReservation](#)

Element	#	Description	Type	IsRequired?
BookingChannel	1	Specifies de BookingChannel	BookingChannel	Required
@PseudoCityCode	0..1	An identification code assigned to an office/agency by reservation system.	String	Optional
@ISOCountry	0..1	The country code of the market source in ISO 3166-3 encoding.	String	Optional



If a reservation have an Agency, **PseudoCityCode** can be filled
If a reservation have information about the market source, **ISOCountry** attribute will be filled.

Example – SourceType with PseudoCityCode and ISOCountry attribute

```
< Source PseudoCityCode ="LKFS" ISOCountry ="POR" >...</ Source>
```

BookingChannel

» [SourceType](#) » [HotelReservation](#)

CompanyName	1	Identifies the company that is associated with the booking channel	CompanyNameType	Required
-----------------------------	---	--	---------------------------------	----------

Example – BookingChannel structure

```
<BookingChannel>...</BookingChannel>
```

CompanyNameType

» [BookingChannel](#) » [SourceType](#) » [HotelReservation](#)

Element	#	Description	Type	IsRequired?
Code	1	Company code in Omnibeas	String	Required
CodeContext	1	Identifies the context of the identifying code	String	Required
Value	1	Channel Name	String	Required



CodeContext can be:

- Omnibeas
- BookingChannel
- PMS

Example – CompanyNameType with its attributes

```
<CompanyName Code="1" CodeContext="Omnibeas">Booking Engine</CompanyName>
```

UniqueID_Type (Hotelreservation)

» [HotelReservation](#)

Element	#	Description	Type	IsRequired?
ID	1	Reservation ID in Omnibeas	String	Required
ID_Context	0..1	Identifies the context of the identifying code	String	Optional
Type	1	A reference to the type of object defined by the UniqueID Used – 14 – Reservation Used -16 - Token	Enumeration UIT ¹⁸	Required



Should have 2 elements, one for the reservation UID in Omnibeas and the other one for the token that identifies the reservation

The **Type for Reservation UID is 14** and for the **Token is 16** (See more about that [Types on UIT enumeration](#)).

Example – UniqueID_Type

```
<UniqueID Type="14" ID="140578" ID_Context="Omnibeas" />
<UniqueID Type="16" ID="79786760-3154-4666-9237-2a9bb453e1a8"
ID_Context="Omnibeas" />
```

¹⁸ Unique ID Type – UIT - See enumeration's Unique ID Type in Glossary

RoomStay

» HotelReservation

Element	#	Description	Type	IsRequired?
@IndexNumber	1	A unique number to identify the room. Essential to inform where are errors	string	Required
@PromotionCode ¹⁹	0..1	An alphanumeric field used to identify the promotion code applied to the reservation	string	Optional
RoomTypes	1	OTA Array that have a collection of RoomType	Collection of RoomTypeType (1)	Required
RatePlans	1	OTA Array that have a collection of RatePlanType	Collection of RatePlanType (1)	Required
RoomRates	1	OTA Array that have a collection of RoomRate	Collection of RoomRate (1)	Required
GuestCounts	1	A collection of Guest Counts associated with the room rate.	Collection of GuestCount (1..*)	Required
TimeSpan	1	The Time Span which covers the Room Stay	DateTypeSpanType	Required
CancelPenalties	1	A collection of Cancellation Penalties objects for the Room Stay	Collection of CancelPenalty (1)	Optional
Total	1	The total amount charged for the Room Stay	TotalType	Required
ResGuestRPHs	0..1	A collection of unsigned integers serving as reference placeholders. Will be referenced one or more guests per room	Collection of strings ResGuestRPH	Optional
ServiceRPHs	0..1	A collection of unsigned integers that reference the RPH attribute in the Service object.	Collection of ServiceRPH (1..*)	Optional
Discount	1	Discount percentage and/or Amount, code and textual reason for discount. Identifies and provides details about the discount.	DiscountType	Optional

¹⁹ **PromotionCode attribute will be deprecated in this place. (New place RoomRate element)**



IndexNumber is used to help identifying the errors or warnings in message request. Must be different in all rooms.



ResGuestRPHs show all guests defined in ResGuests that belong to this RoomStay, using its RPHs

Example – RoomStay with IndexNumber attribute and its structure

```
<RoomStay IndexNumber="0" PromotionCode="12389656" >
  <RoomTypes>...</RoomTypes>
  <RatePlans>...</ RatePlans>
  <RoomRates>...</RoomRates>
  <GuestCounts>...</ GuestCounts>
  <TimeSpan ... />
  <CancelPenalties>...</CancelPenalties>
  <Total>...</Total>
  <ResGuestRPHs>0</ ResGuestRPHs>
  <ServiceRPHs>...</ ServiceRPHs>
</RoomStay>
```

RoomTypeType

» **RoomStay** » **HotelReservation**

Element	#	Description	Type	IsRequired?
@RoomTypeCode	1	Specific system room type code	string	Required

Example – RoomTypeType with its attributes.

```
<RoomType RoomTypeCode="BROOM" />
```

RatePlanType

» **RoomStay** » **HotelReservation**

Element	#	Description	Type	IsRequired?
@RatePlanCode	1	Specific system rate plan code	string	Required
Guarantee	1	Guarantee information that applies to the rate plan.	GuaranteeType	Optional
MealsIncluded	1	Defines which meals are included with this rate.	MealsIncluded	Required

Example – RatePlanType with its attributes and structure

```
<RatePlan RatePlanCode="BRATE">
  <Guarantee>...</Guarantee>
  <MealsIncluded>...</MealsIncluded>
</RatePlan>
```



Attention – We will not send **RatePlanCode** when the reservation has multiple reservation rates

GuaranteeType

» [RatePlanType](#) » [RoomStay](#) » [HotelReservation](#)

Element	#	Description	Type	IsRequired?
@GuaranteeType	1	An enumerated type defining the guarantee to be applied to reservation	Enumeration (GuaranteeType) ²⁰	Required
GuaranteesAccepted	0..1	OTA Array that have a collection of GuaranteeAccepted	Collection of GuaranteeAccepted	Optional
Deadline	0..1	Guarantee deadline	Deadline	Optional
GuaranteeDescription	0..1	Description of Guarantee	ParagraphType	Optional
AmountPercent	0..1	Payment expressed as a fixed amount, or a percentage of/or room nights.	AmountPercent	Optional

Example – Guarantee with its attributes

```
<Guarantee GuaranteeType="DepositRequired">
  <Deadline ... />
  <GuaranteeAccepted>...</GuaranteeAccepted>
  <GuaranteeDescription>...</GuaranteeDescription>
  <AmountPercent ... />
</Guarantee>
```

GuaranteeAccepted

» [GuaranteeType](#) » [RatePlanType](#) » [RoomStay](#) » [HotelReservation](#)

@GuaranteeTypeCode	1	Used to specify the method of guarantee. Refer to OpenTravel Code List Payment Type (PMT).	Enumeration (PaymentType ²¹)	Required
@GuaranteeID	1	Guarantee information	String	Required

²⁰ Enumeration of Guarantee Types - See enumeration in Glossary

²¹ Enumeration of Payment Types used to specify GuaranteeTypeCode– See enumeration in Glossary

Example – GuaranteeAccepted with its attributes

```
<GuaranteeAccepted GuaranteeTypeCode="5" GuaranteeID="Credit Card" />
```

Deadline

» [GuaranteeType](#) » [RatePlanType](#) » [RoomStay](#) » [HotelReservation](#)

Element	#	Description	Type	IsRequired?
@OffsetTimeUnit	1	Time unit is always "Day"	Enumeration (TimeUnitType) ²²	Required
@OffsetUnitMultiplier	1	The number of days of Deadline limit	string	Required
OffsetDropTime	1	Drop time is always "BeforeArrival"	Enumeration ²³ (OffsetDropTime)	Required

Example – Deadline with its attributes

```
<Deadline OffsetTimeUnit="Day" OffsetUnitMultiplier="2"  
OffsetDropTime="BeforeArrival" />
```

GuaranteeDescription

» [GuaranteeType](#) » [RatePlanType](#) » [RoomStay](#) » [HotelReservation](#)

The description of guarantee is building using **ParagraphType**

```
<GuaranteeDescription>  
  <Text Value="This is an example of description" />  
</GuaranteeDescription>
```

AmountPercent

» [GuaranteeType](#) » [RatePlanType](#) » [RoomStay](#) » [HotelReservation](#)

Element	#	Description	Type	IsRequired?
@Percent	0..1	The percentage used to calculate the amount.	Decimal	Optional
@Amount	0..1	A monetary amount	Decimal	Optional
@NmbrOfNights	0..1	The number of nights of the hotel stay that are used to calculate the fee amount.	Integer	Optional



If there are **AmountPercent** element it is need to fill one of the attributes listed above.

Example – AmountPercent with Percent attribute

```
<AmountPercent Percent="25.00" />
```

²² Enumeration of Time Unit Type – See enumeration in Glossary

²³ Enumeration of Offset Drop Time – See enumeration in Glossary

Example – AmountPercent with Amount attribute

```
<AmountPercent NmbrOfNights="3" />
```

Example – AmountPercent with NmbrOfNights attribute

```
<AmountPercent Amount="15.00" />
```

MealsIncluded

» [RatePlanType](#) » [RoomStay](#) » [HotelReservation](#)

Element	#	Description	Type	IsRequired?
@MealPlanIndicator	1	When true, a meal plan is included in this rate plan. When false, a meal plan is not included in this rate plan.	Boolean	Required
@MealPlanCodes	1	Used to identify the types of meals included with a rate plan.	Enumeration (Meal Plan Type)	Required

Example – MealsIncluded with its attributes

```
<MealsIncluded MealPlanIndicator="True" MealPlanCodes="1" />
```

RoomRate

» [RoomStay](#) » [HotelReservation](#)

Element	#	Description	Type	IsRequired?
@RoomTypeCode	1	Specific system room type code	String	Required
@NumberOfUnits	1	The number of rooms. Is always "1"	String	Required
@RatePlanCode	1	Specific system rate plan code	String	Required
@PromotionCode	0..1	An alphanumeric field used to identify the promotion code applied to the reservation	string	Optional
@GroupCode	0..1	An alphanumeric field used to identify the group code applied to the reservation.	String	Optional
Rates	0..1	Individual rate amount. OTA Array that have a collection of RateTypeRate	Collection of RateTypeRate (1..*)	Optional

Example – RoomRate with its attributes (GroupCode)

```
<RoomRate RoomTypeCode="BROOM" NumberOfUnits="1" RatePlanCode="BRATE"
GroupCode="123896774">
  <Rates>...</Rates>
</RoomRate>
```



Attention: A reservation only can have **one of the next** -> PromotionCode or GroupCode

Example – RoomRate with its attributes (PromotionCode)

```
<RoomRate RoomTypeCode="BROOM" NumberOfUnits="1" RatePlanCode="BRATE"
PromotionCode="12342774">
  <Rates>...</Rates>
</RoomRate>
```



Please notice that you need to add GroupCode extra field if you not use our schema.



Will exist **more than one element** of RoomRate if the days **have different rate plans**

RateTypeRate

» [RoomRate](#) » [RoomStay](#) » [HotelReservation](#)

Element	#	Description	Type	IsRequired?
@EffectiveDate	1	Indicates the starting date.	Date	Required
Total	1	The total amount charged for this rate	TotalType	Required



It's possible to have more than **one RateTypeRate** if the room have a rate detailed **by day**. That way we have information of date in "**@EffectiveDate**" attribute.



In the total we have the price of rate in this day.

Example – RateTypeRate with EffectiveDate attribute

```
<Rate EffectiveDate="2015-07-29">...</Rate>
```

TotalType (RateTypeRate)

» [RateTypeRate](#) » [RoomRate](#) » [RoomStay](#) » [HotelReservation](#)

Element	#	Description	Type	IsRequired?
@AmountAfterTax	1	The total amount including all associated taxes	Decimal	Required
@AmountBeforeTax		The total amount without taxes	Decimal	Required
@CurrencyCode	1	An ISO 4217 (3) alpha character code that specifies a monetary unit.	String	Required

Example – TotalType with its attributes

```
<Total AmountBeforeTax="60.0000" AmountAfterTax="60.0000" CurrencyCode="EUR" />
```

GuestCounts

» [RoomStay](#) » [HotelReservation](#)

Element	#	Description	Type	IsRequired?
@IsPerRoom	1	Means that the guests defined is per room	Boolean	Required
GuestCount	1..*	A recurring element that identifies the number of guests and ages of the guests.	GuestCount	Required

Example – GuestsCounts structure and its attributes

```
<GuestCounts IsPerRoom="true">...</GuestCounts>
```

GuestCount

» [GuestCounts](#) » [RoomStay](#) » [HotelReservation](#)

Element	#	Description	Type	IsRequired?
@Age	0..1	Defines the age of a guest.	Integer	Optional
@AgeQualifyingCode	1	Refer to OpenTravel Code List Age Qualifying Code (AQC).	Enumeration (Age Qualifying Code) ²⁴	Required
@Count	1	The number of guests in one AgeQualifyingCode or Count.	Integer	Required

Example – GuestCount with its attributes

```
<GuestCount AgeQualifyingCode="10" Count="1" />
```

DateTypeSpanType

» [RoomStay](#) » [HotelReservation](#)

Element	#	Description	Type	IsRequired?
@Start	1	The starting value of the time span.	Date	Required
@End	1	The ending value of the time span.	Date	Required



TimeSpan is used to show the range of days what room was reserved.

Example – DateTypeSpanType with its attributes

```
<TimeSpan Start="2015-07-30T00:00:00+01:00" End="2015-07-31T00:00:00+01:00" />
```

²⁴ Enumeration of AgeQualifyingCode - See enumeration in Glossary

CancelPenalty

» [RoomStay](#) » [HotelReservation](#)

Element	#	Description	Type	IsRequired?
@NonRefundable	1	Indicates that any prepayment for the reservation is non refundable, therefore a 100% penalty on the prepayment is applied, irrespective of deadline.	Boolean	Required
Deadline	1	Cancellation deadline, absolute or relative.	CancelPenaltyTypeDeadline	Required
AmountPercent	1	Cancellation fee expressed as a fixed amount, or percentage of/or room nights. Defines the percentage basis for calculating the fee amount or the amount.	AmountPercentType	Required
PenaltyDescription	0..1	Text description of the Penalty	ParagraphType	Optional



If **NonRefundable** is **True**, meaning that if you want cancel a reservation, you will need to pay full value of it.

Example – CancelPenalty with its attributes and structure

```
<CancelPenalty NonRefundable="true">
  <Deadline ... />
  <AmountPercent .../>
  <PanaltyDescription>
    <Text Value="Example" />
  </PanaltyDescription>
</CancelPenalty>
```

CancelPenaltyTypeDeadline

» [CancelPenalty](#) » [RoomStay](#) » [HotelReservation](#)

Element	#	Description	Type	IsRequired?
@OffsetTimeUnit	1	Time unit is always "Day"	Enumeration (TimeUnitType) ²⁵	Required
@OffsetUnitMultiplier	1	The number of days of Deadline limit	String	Required
@OffsetDropTime	1	Drop time is always "BeforeArrival"	Enumeration ²⁶ (OffsetDropTime)	Required

Example – CancelPeanltyTypeDeadline with its attributes

```
<Deadline OffsetTimeUnit="Day" OffsetUnitMultiplier="0"
OffsetDropTime="BeforeArrival" />
```

AmountPercentType (CancelPenaltyTypeDeadLine)

» [CancelPenalty](#) » [RoomStay](#) » [HotelReservation](#)

Element	#	Description	Type	IsRequired?
@Percent	0..1	The percentage used to calculate the amount.	Decimal	Optional
@Amount	0..1	A monetary amount	Decimal	Optional
@NmbrOfNights	0..1	The number of nights of the hotel stay that are used to calculate the fee amount.	Integer	Optional



If there are **AmountPercent** element you need to fill one of the attributes listed above.

Example – AmountPercent with Percent attribute

```
<AmountPercent Percent="25.00" />
```

Example – AmountPercent with Amount attribute

```
<AmountPercent Amount="15.00" />
```

Example – AmountPercent with NmbrOfNights attribute

```
<AmountPercent NmbrOfNights="3" />
```

²⁵ Enumeration of Time Unit Type – See enumeration in Glossary

²⁶ Enumeration of Offset Drop Time – See enumeration in Glossary

TotalType (RoomStay)

» [RoomStay](#) » [HotelReservation](#)

Element	#	Description	Type	IsRequired?
@AmountAfterTax	1	The total amount including all associated taxes	Decimal	Required
@BeforeAfterTax	1	The total amount not including any associated tax	Decimal	Required
@CurrencyCode	1	An ISO 4217 (3) alpha character code that specifies a monetary unit.	String	Required
Taxes	0..1	A collection of taxes. A collection of taxes.	Collection of TaxType	Optional



Total ammount (**AfterTax** and **BeforeTax**) of RoomStay

Example – TotalType with its attributes

```
<Total AmountBeforeTax="75.0000" AmountAfterTax="85.9900" CurrencyCode="EUR">
  <Taxes>...</Taxes>
</Total>
```

TaxType

» [TotalType](#) » [RoomStay](#) » [HotelReservation](#)

Element	#	Description	Type	IsRequired?
@Amount	1	A monetary amount.	Decimal	Required
@CurrencyCode	1	An ISO 4217 (3) alpha character code that specifies a monetary unit.	String	Required
TaxDescription	0..1	Text description of the taxes	ParagraphType	Optional

Example – TaxType with its attributes and TaxDescription

```
<Tax Amount="10.9900" CurrencyCode="EUR">
  <TaxDescription>
    <Text Value="Taxa Internacional" />
  </TaxDescription>
</Tax>
```

ResGuestRPH

» [RoomStay](#) » [HotelReservation](#)

Element	#	Description	Type	IsRequired?
ResGuestRPHs	1	A collection of unsigned integers serving as reference placeholders. Will be referenced one or more guests per room	Collection of strings	Optional



When there are multiple ResGuests per room they will be separated by “,”



When the room does not have an associated guest, the main guest is associated by default.

Example – ResGuestRPH with one guest

```
<ResGuestRPHs> 0 <ResGuestRPHs/>
```

Example – ResGuestRPH with multiple guests

```
<ResGuestRPHs> 0,1,2,3 <ResGuestRPHs/>
```

ServiceRPH

» [RoomStay](#) » [HotelReservation](#)

Element	#	Description	Type	IsRequired?
@RPH	1	Provides a unique reference to the service.	Integer	Required
@IsPerRoom	1	Defines whether this is for each room of a RoomStay	Boolean	Required



Used to do a reference to Service belonging one room.

Example – ServiceRPH with its attributes

```
<ServiceRPH RPH="1" IsPerRoom="true" />
```

DiscountType

» [RoomStay](#) » [HotelReservation](#)

Element	#	Description	Type	IsRequired?
@Percent	0..1	Indicates the percentage of the discount.	Decimal	Required/Optional
@AmountBeforeTax	0..1	The amount of the discount.	Decimal	Required/Optional

@DiscountCode	1	Specifies the code of discount. Typically is the code of Loyalty Level previously mapped in Omnibees	String	Required
@CurrencyCode	0..1	An ISO 4217 (3) alpha character code that specifies a monetary unit.	String	Required/Optional
DiscountReason	0..1	Indicate the detail information about the discount	<u>ParagraphType</u>	Optional



The **currency code** only will be filled if the **amount of discount** is indicated. If the **percent of attribute** is filled, the **amount of the discount will not be** and vice-versa.



The **ParagraphType** is composed by a **TextType...** For further information look at PilotFish Technology web site - https://www.pilotfishtechology.com/modelviewers/OTA/model/Format.OTA_AirAvailRQ.Offer.Priced.LongDescription.SubSection.Paragraph.Text.html



Attention – The discount represented in DiscountType is only indicative. Every amounts in the reservation already take into account the value of discount.

Example – DiscountType with its attributes and sub-elements

```
<Discount AmountBeforeTax="20.00" DiscountCode="GOD">
  <DiscountReason Name="Gold Level" />
</Discount>
```

DiscountReason

» **DiscountType** » **RoomStay** » **HotelReservation**

The **name** of discount is building using **ParagraphType**, and will be used the **Name** attribute.

```
<DiscountReason Name="Gold Level" />
```

ServiceType

» HotelReservation

Element	#	Description	Type	IsRequired?
@ServicePricingType	1	An enumerated type that defines how a service is priced.	Enumeration (PricingType) ²⁷	Required
@ServiceRPH	1	A unique ID for a service that may be referenced elsewhere in the schema.	Integer	Required
@Inclusive	1	Whether the price for this service is included in the room rate.	Boolean	Required
@Quantity	0..1	The number of services	Integer	Optional
@ID	1	A unique identifying value assigned by the creating system.	String	Optional
@Type	0..1	A reference to the type of object defined by the UniqueID element.	Enumeration (UIT)	Optional
@ID_Context	0..1	Used to identify the source of the identifier	String	Optional
Price	1	The selling price of this Service	Collection of AmountType (1)	Required
ServiceDetails	0..1	Details on the Service	ServiceDetails	Optional



Attention – If there are no service code mapped in Omnibees, the reservation will be send anyway and also the service information.

Example – ServiceType with its attributes and structure

```
<Service ServiceRPH="1" Inclusive="false" Quantity="1" Type="34" ID="CHP"
  ID_Context="Omnibees">
  <Price>...</Price>
  <ServiceDetails>...</ServiceDetails>
</Service>
```

AmountType

» ServiceType » HotelReservation

Element	#	Description	Type	IsRequired?
Total	1	The total amount charged for the service	TotalType	Required

²⁷ Enumeration of [Pricing Type](#) of service – See enumeration in Glossary



Total is used to show the price of Service

TotalType (ServiceType)

» AmountType » ServiceType » HotelReservation

Element	#	Description	Type	IsRequired?
@AmountAfterTax	1	The total amount including all associated taxes	Decimal	Required
@BeforeAfterTax	0..1	The total amount not including any associated tax	Decimal	Optional
@CurrencyCode	1	An ISO 4217 (3) alpha character code that specifies a monetary unit.	String	Required

Example – TotalType with attributes

```
<Total AmountBeforeTax="15" AmountAfterTax="15" CurrencyCode="EUR" />
```

ServiceDetails

» ServiceType » HotelReservation

Element	#	Description	Type	IsRequired?
ServiceDescription	0..1	Description of the service	ParagraphType	Optional

Example – ServiceDetails structure and details

```
<ServiceDetails>  
  <ServiceDescription>  
    <Text>Champagne</Text>  
  </ServiceDescription>  
</ServiceDetails>
```

ResGuestType

» HotelReservation

Element	#	Description	Type	IsRequired?
@ResGuestRPH	1	This is a reference placeholder, used as an index for this guest in this reservation.	Integer	Required
@PrimaryIndicator	1	When true indicates this is the primary guest.	Boolean	Required

@ArrivalTime	0..1	This represents the date and time of the guest's arrival at the hotel.	Time	Optional
Profiles	1	A collection of Profile objects	Collection of ProfileInfo (1)	Required

Example – ResGuestType with its attributes and structure

```
<ResGuest ResGuestRPH="0" ArrivalTime="07:00:00.0000000+01:00"
PrimaryIndicator="true">
  <Profiles>...</ Profiles>
</ResGuest>
```

ProfileInfo

» [ResGuestType](#) » [HotelReservation](#)

Element	#	Description	Type	IsRequired?
UniqueID	1	A unique ID for a profile.	UniqueID_Type	Optional
Profile	1	Provides detailed information regarding either a company or a customer profile	ProfileType	Required



Profiles are generated depending on the number of guest names provided. Sometimes we have more guest counts than names, in these cases fewer profiles are create.

Example – ProfileInfo structure

```
<ProfileInfo>
  <UniqueID ... />
  <Profile>...</ Profile>
</ ProfileInfo>
```

ProfileType

» [ProfileInfo](#) » [ResGuestType](#) » [HotelReservation](#)

Element	#	Description	Type	IsRequired?
Customer	1	Contains basic data on the customer's identity, location.	CustomerType	Required

Example – ProfileType structure

```
<Profile>
  <Customer>...</Customer>
</Profile>
```

CustomerType

» [ProfileType](#) » [ProfileInfo](#) » [ResGuestType](#) » [HotelReservation](#)

Element	#	Description	Type	IsRequired?
@BirthDate	0..1	Indicates the date of birth	Date	Optional
PersonName	1	Detailed name information for the customer.	PersonNameType	Required
Telephone	0..3	Information on a telephone number for the customer.	TelephoneType	Optional
Email	0..2	Information on an email address for the customer.	EmailType	Optional
Address	0..2	Detailed information on an address for the customer.	AddressType	Optional
CustLoyalty	0..1	Loyalty program information for the customer.	Collection of CustLoyalty	Optional
Document	0..1	Detailed document information for the customer	Collection of DocumentType	Optional

Example – CustomerType with its attributes and structure

```
<Customer BirthDate="10-05-1989" >
  <PersonName>...</PersonName>
  <Telephone ... />
  <Email ...></Email>
  <Address>...</Address>
  <CustLoyalty>...</CustLoyalty>
  <Document ... />
</Customer>
```

PersonNameType

» [CustomerType](#) » [ProfileType](#) » [ProfileInfo](#) » [ResGuestType](#) » [HotelReservation](#)

Element	#	Description	Type	IsRequired?
@NameType	0..1	Type of name of the individual	Enumeration List Name Type (NAM)	Optional
GivenName	1	Detailed name information for the customer.	String	Required
Surname	0..1	Family name, last name.	String	Optional
NamePrefix	0..1	Salutation of honorific (e.g. Mr., Mrs., Ms., Miss, Dr.)	String	Optional



NameType attribute is used in case that need to have another name to billing.

Example – PersonNameType with its attributes and structure

```
<PersonName NameType="99">
  <NamePrefix>Mr</NamePrefix>
  <GivenName>Afonso</GivenName>
  <Surname>Silva</Surname>
</PersonName>
```

TelephoneType

» CustomerType » ProfileType » ProfileInfo » ResGuestType » HotelReservation

Element	#	Description	Type	IsRequired?
@PhoneNumber	1	Telephone number assigned to a single location.	String	Required
@CountryAccessCode	0..1	Code assigned by telecommunications authorities for international country access identifier.	String	Optional
@PhoneTechType	0..1	Indicates type of technology associated with this telephone number	Enumeration Phone Technology Type (PTT).	Optional
@PhoneUseType	0..1	Describes the type of telephone number	Enumeration Phone Use Type (PUT).	Optional

Example – TelephoneType with its attributes and structure

```
<Telephone CountryAccessCode="+351" PhoneNumber="5455454545"
PhoneTechType="1" PhoneUseType="5" >
```

EmailType

» CustomerType » ProfileType » ProfileInfo » ResGuestType » HotelReservation

Element	#	Description	Type	IsRequired?
Value	1	Email Addresss	String	Required
EmailType	0..1	Defines the purpose of the e-mail address	Enumeration Email Address Type (EAT).	Optional

Example – EmailType with its attributes and structure

```
<Email EmailType="1">Omnibeas.xpto@visualforma.pt</Email>
```

AddressType

» [CustomerType](#) » [ProfileType](#) » [ProfileInfo](#) » [ResGuestType](#) » [HotelReservation](#)

Element	#	Description	Type	IsRequired?
@UseType	1	Describes the use of the address	Enumeration Address Use Type (AUT).	Required
AddressLine	0..2	These lines will contain free form address details	Collection of String	Optional
CityName	0..1	City (e.g., Faro)	String	Optional
StateProv	0..1	State or Province name (e.g., Faro)	StateProvType	Optional
PostalCode	0..1	Post Office Code number.	String	Optional
CountryName	0..1	Country name (e.g., Portugal).	CountryNameType	Optional

Example – AddressType with its attributes and structure

```
<Address UseType="6" >
  <AddressLine>Sítio das Figuras</AddressLine>
  <AddressLine>Lote 2</AddressLine>
  <CityName>Faro</CityName>
  <PostalCode>9899-598</PostalCode>
  <StateProv ... />
  <CountryName ... />
</Address>
```

StateProvType

» [AddressType](#) » [CustomerType](#) » [ProfileType](#) » [ProfileInfo](#) » [ResGuestType](#) » [HotelReservation](#)

Element	#	Description	Type	IsRequired?
@StateCode	1	The standard code or abbreviation for the state, province, or region.	String	Required

Example – StateProvType with its attributes and structure

```
<StateProv StateCode="Faro" />
```

CountryNameType

» [AddressType](#) » [CustomerType](#) » [ProfileType](#) » [ProfileInfo](#) » [ResGuestType](#) » [HotelReservation](#)

Element	#	Description	Type	IsRequired?
@Code	1	ISO 3166 code for a country.	String	Required

Example – CountryNameType with its attributes and structure

```
<CountryName Code="PT" />
```

CustLoyalty

» [CustomerType](#) » [ProfileType](#) » [ProfileInfo](#) » [ResGuestType](#) » [HotelReservation](#)

Element	#	Description	Type	IsRequired?
@MembershipID	0..1	Unique identifier of the member in the program (membership number, account number, etc.).	String	Required/Optional
@LoyalLevel	0..1	Indicates special privileges in program assigned to individual. The code need to be mapped previously	String	Required/Optional



Must be filled at least one of the attributes referred above.



The **LoyalLevel** only will be send if there are **previously mapped LoyalLevel codes** in Omnibees.



The ChainCode is only mandatory when configured in Omnibees

Example – CustLoyalty with it attributes

```
<CustLoyalty MembershipID="1235HG" LoyalLevel="GOD"/>
```

DocumentType

» [CustomerType](#) » [ProfileType](#) » [ProfileInfo](#) » [ResGuestType](#) » [HotelReservation](#)

Element	#	Description	Type	IsRequired?
@DocID	1	The country code of the nationality of the document holder.	String	Required

Example – DocumentType with it attribute

```
<Document DocID="123456789" />
```

ResGlobalInfo

» [HotelReservation](#)

Element	#	Description	Type	IsRequired?
BasicPropertyInfo	1	Property information for the reservation.	BasicPropertyInfoType	Required

HotelReservationIDs	0..1	A Collection of HotelReservationID objects for a given reservation.	Collection of HotelReservationID (0..4)	Optional
GuestCounts	0..1	A collection of Guest Counts associated to the whole Reservation	GuestCountType	Optional
Comments	0..1	A collection of Comment objects.	Collection of Comment	Optional
Total	1	The total amount charged for the accommodation including additional occupant amounts and fees.	TotalType	Required
Profiles	1	A collection of Profile objects	Collection of ProfileInfo	Required
DepositPayments	0..*	A collection of deposit and/or payments. A collection of required payments.	Collection of GuaranteePayment	Optional
Guarantee	0..1	The guarantee information to hold a reservation	GuaranteeType	Optional



If reservation is already **paid** and we have a **TransactionID**, so we will use **DepositPayments**, otherwise if reservation **wasn't paid** yet, we must use **Guarantee**.



If reservation have **Partial Payments** it will be always recorded in **DepositPayments** element with **one GuaranteePayment** element **for each Partial Payment**. Inside it is the attribute that help to distinguish between already paid or not paid partial payments, named **PaymentTransactionTypeCode**.



In case there are **Partial Payments** **only the first GuaranteePayment** will have information about the **Payment Method** (Credit Card, Paypal, etc.)

Example – ResGlobalInfo structure with Guarantee

```
<ResGlobalInfo>
  <GuestCounts ... >...</GuestCounts>
  <Comments />
  <Guarantee>...</Guarantee>
  <Total ... />
  <HotelReservationIDs>...</HotelReservationIDs>
  <BasicPropertyInfo ... />
</ResGlobalInfo>
```

Example – ResGlobalInfo structure with DepositPayments

```
<ResGlobalInfo>
  <GuestCounts ... >...</GuestCounts>
  <Comments />
  <DepositPayments>...</DepositPayments>
  <Total ... />
  <HotelReservationIDs>...</HotelReservationIDs>
  <BasicPropertyInfo ... />
</ResGlobalInfo>
```

BasicPropertyInfoType

» [ResGlobalInfo](#) » [HotelReservation](#)

Element	#	Description	Type	IsRequired?
@ChainCode	1	The code that identifies a hotel chain or management group.	String	Required
@HotelCode	1	The code that uniquely identifies a single hotel property.	String	Required
@CurrencyCode	1	An ISO 4217 (3) alpha character code that specifies a monetary unit. This currency is the base currency of the property	String	Required

Example – BasicPropertyInfoType with attributes

```
<BasicPropertyInfo HotelCode="OMNI123" ChainCode="OMNI" CurrencyCode="EUR" />
```



CurrencyCode attribute is used to identify the base currency of the property. It is needed to look at the TPA_Extension in the root of HotelReservation element to found information about the Exchange Rate and their date.

HotelReservationID

» [ResGlobalInfo](#) » [HotelReservation](#)

Element	#	Description	Type	IsRequired?
@ResID_Type	1	The code that identifies a hotel chain or management group.	Enumeration of Unique ID Type (UIT).	Required
@ResID_Value	1	The code that uniquely identifies a single hotel property.	String	Required
@ResID_Source	0..1	A unique identifier to indicate the source system which generated the ResID_Value.	String	Optional



Normally will be sent Omnibees's ids of reservation and the Channel's Ids of reservation

Example - HotelReservationID structure with its attributes

```
<HotelReservationID ResID_Type="14" ResID_Value="RES000121-1872"
ResID_Source="BookingChannel" />
```

GuestCountType

» [ResGlobalInfo](#) » [HotelReservation](#)

Element	#	Description	Type	IsRequired?
@IsPerRoom	1	Means that the guests defined is per room	Boolean	Required
GuestCount	1	A recurring element that identifies the number of guests and ages of the guests.	Collection of GuestCount (1..*)	Required



In this case **IsPerRoom** is always **false** because in this place we have a count of guests in the reservation.

Example – GuestCountType with its attributes and structure

```
<GuestCounts IsPerRoom="false">
  <GuestCount ... />
</GuestCounts>
```

GuestCount

» [GuestCountType](#) » [ResGlobalInfo](#) » [HotelReservation](#)

Element	#	Description	Type	IsRequired?
@AgeQualifyingCode	1	Refer to OpenTravel Code List Age Qualifying Code (AQC).	Enumeration (AQC)²⁸	Required

²⁸ Enumeration of AgeQualifyingCode - See enumeration in Glossary

@Count	1	The number of guests in one AgeQualifyingCode or Count.	Integer	Required
--------	---	---	---------	----------

Example – GuestCount with attributes

```
<GuestCount AgeQualifyingCode="10" Count="1" />
```

Comment

» ResGlobalInfo » HotelReservation

Element	#	Description	Type	IsRequired?
@GuestViewable	1	When true, the comment may be shown to the consumer. When false, the comment may not be shown to the consumer.	Boolean	Required
Text	1	Comment text	TextType	Required

Example – Comment with attributes and structure

```
<Comment GuestViewable="true">
  <Text Value="This is a test" />
</Comment>
```

TotalType (ResGlobalInfo)

» ResGlobalInfo » HotelReservation

Element	#	Description	Type	IsRequired?
@AmountAfterTax	1	The total amount including all associated taxes	Decimal	Required
@BeforeAfterTax	1	The total amount not including any associated tax	Decimal	Required
@CurrencyCode	1	An ISO 4217 (3) alpha character code that specifies a monetary unit.	string	Required



Total ammount (**AfterTax** and **BeforeTax**) of Reservation

Example – TotalType with its attributes

```
<Total AmountBeforeTax="75.0000" AmountAfterTax="85.9900" CurrencyCode="EUR">
```

ProfileInfo (ResGlobalInfo)

» ResGlobalInfo » HotelReservation

Element	#	Description	Type	IsRequired?
UniqueID	1	A unique ID for a profile	UniqueID_Type	Required
Profile	1	Provides detailed information regarding either a company	ProfileType	Required



Used to show information about **Agency, Company or Post**



Some of the required fields can go with the text NA (Not applicable) when there is no information

Example – ProfileInfo structure

```
<ProfileInfo>
  <UniqueID ... />
  <Profile>...</ Profile>
</ ProfileInfo>
```

UniqueID_Type

» [ProfileInfo](#) » [ResGlobalInfo](#) » [HotelReservation](#)

Element	#	Description	Type	IsRequired?
@Type	1	A reference to the type of object defined by the UniqueID element.	Enumeration UIT ²⁹	Required
@ID	1	A unique identifying value assigned by the creating system.	String	Required

ProfileType

» [ProfileInfo](#) » [ResGlobalInfo](#) » [HotelReservation](#)

Element	#	Description	Type	IsRequired?
CompanyInfo	1	Detailed information about a company.	CompanyInfoType	Required
TPA_Extensions	0..1	A placeholder in the schema to allow for additional elements and attributes to be included per Trading Partner Agreement (TPA)	TPA_ExtensionsType (1)	Optional

²⁹ Unique ID Type – UIT - See enumeration's Unique ID Type in Glossary

Example – ProfileType structure

```
<Profile>  
  <CompanyInfo>...</ CompanyInfo>  
  <TPA_Extensions>...</ TPA_Extensions>  
</ Profile>
```

CompanyInfoType

» [ProfileType](#) » [ProfileInfo](#) » [ResGlobalInfo](#) » [HotelReservation](#)

Element	#	Description	Type	IsRequired?
@CurrencyCode	0..1	An ISO 4217 (3) alpha character code that specifies a monetary unit.	string	Optional
CompanyName	1	Detailed name information for the company	CompanyNameType	Required
AddressInfo	1	Detailed information on an address for the company.	AddressInfo	Required
Email	0..1	Information on an email address for the company.	Email	Optional
TelephoneInfo	0..1	Information on a telephone number for the company.	TelephoneInfo	Optional

Example – CompanyInfo with its attributes and structure

```
<CompanyInfo>
  <CompanyName>...</CompanyName>
  <AddressInfo>...</AddressInfo>
  <TelephoneInfo ... />
  <Email></Email>
</CompanyInfo>
```

CompanyNameType

» [CompanyInfoType](#) » [ProfileType](#) » [ProfileInfo](#) » [ResGlobalInfo](#) » [HotelReservation](#)

Element	#	Description	Type	IsRequired?
Value	1	Company Name	String	Required
@Code	1	Identifies a company by the company code.	String	Required
@CodeContext	0..1	Identifies the context of the identifying code, such as DUNS, IATA or internal code, etc.	String	Optional

Example – CompanyNameType with its attributes and structure

```
<CompanyName Code="FA25" CodeContext="IATA" >XptoTravels</CompanyName>
```

AddressInfo

» [CompanyInfoType](#) » [ProfileType](#) » [ProfileInfo](#) » [ResGlobalInfo](#) » [HotelReservation](#)

Element	#	Description	Type	IsRequired?
AddressLine	1..*	These lines will contain free form address details.	String	Required
County	0..1	County or Region Name (e.g., Algarve).	String	Optional
CountryName		Country name (e.g., Portugal).	String	Optional
CityName	0..1	City (e.g., Dublin), town	String	Optional

Example – AddressInfo structure

```
<AddressInfo>
  <AddressLine>Sitio das Figuras</AddressLine>
  <CityName>Faro</CityName>
  <County>Algarve</County>
  <CountryName>Portugal</CountryName>
</AddressInfo>
```



Attention – County element is wrong, because of that will be deprecated in the next version of PMS Omnibees specification.

Email

» [CompanyInfoType](#) » [ProfileType](#) » [ProfileInfo](#) » [ResGlobalInfo](#) » [HotelReservation](#)

Element	#	Description	Type	IsRequired?
Value	1	Email Address	String	Required

Example – Email structure

```
<Email>xpto@vf.pt</Email>
```

TelephoneInfo

» [CompanyInfoType](#) » [ProfileType](#) » [ProfileInfo](#) » [ResGlobalInfo](#) » [HotelReservation](#)

Element	#	Description	Type	IsRequired?
PhoneNumber	1	Telephone number assigned to a single location.	String	Required

Example – TelephoneInfo structure

```
<TelephoneInfo PhoneNumber="5545544545" />
```

TPA_ExtensionsType – VATNumber

» [ProfileType](#) » [ProfileInfo](#) » [ResGlobalInfo](#) » [HotelReservation](#)

Element	#	Description	Type	IsRequired?
VATNumber	1	VAT Number of company, travel agency or customer	String	Required



VATNumber will be placed as element of **Any** list inside TPA_ExtensionsType.

GuaranteePayment

» [ResGlobalInfo](#) » [HotelReservation](#)

Element	#	Description	Type	IsRequired?
@PaymentCode	1	This defines the lines form of payment.	Enumeration PMT ³⁰	Required/Optional
AcceptedPayments	1	Collection of forms of payment accepted for payment	Collection of AcceptedPayment	Required
AmountPercent	1	Payment expressed as fixed amount, or a percentage of/or room nights.	AmountPercentType	Required



@PaymentCode It's required if the **payment was already done** or the reservation is **paid in parcels** (When the **DepositPayments** element is defined)

Example – GuaranteePayment structure

```
<GuaranteePayment>
  <AcceptedPayments>...</AcceptedPayments>
  <AmountPercent ...>...</AmountPercent>
</GuaranteePayment>
```

AcceptedPayment

» [GuaranteePayment](#) » [ResGlobalInfo](#) » [HotelReservation](#)

Element	#	Description	Type	IsRequired?
@RPH	0..1	Provides the reference to number of Partial Payment (<i>use in case of Partial Payment</i>)	Integer	Required / Optional

³⁰ Payment Type – PMT - See enumeration's Payment Type in Glossary

@PaymentTransactionTypeCode	1	This is used to indicate either a charge, reserve (deposit) or refund.	Enumeration PTTC ³¹	Required
PaymentCard	1	Details of a debit or credit card. Specific payment card information.	PaymentCardType	Required

Example –AcceptedPayment structure

```
<AcceptedPayment RPH="1">
  <PaymentCard ...>...</PaymentCard>
</AcceptedPayment>
```

³¹ Payment Transaction Type Code – PTTC - See enumeration's Payment Transaction Type Code in Glossary

PaymentCard

» [AcceptedPayment](#) » [GuaranteePayment](#) » [ResGlobalInfo](#) » [HotelReservation](#)

Element	#	Description	Type	IsRequired?
@CardCode	1	Issuer code.	Enumeration Credit Card Flags ³²	Required
@ExpireDate	1	Indicates the ending date.	String	Required
@EffectiveDate		Indicates the starting date.	String	Optional
CardHolderName		Card holder name.	String	Required
CardNumber	1	Credit card number embossed on the card.	EncryptionTokenType	Required
SeriesCode	0..1	Verification digits.	EncryptionTokenType	Optional
ThreeDomainSecurity	0..1	3-D secure financial authorization information.	PaymentCardTypeThreeDomainSecurity	Optional
TPA_Extensions	0..1	A placeholder in the schema to allow for additional elements and attributes to be included per Trading Partner Agreement (TPA)	TPA_ExtensionsType	Optional

Example –PaymentCard structure and its attributes

```
<PaymentCard CardCode="Visa" ExpireDate="0516">
  <CardHolderName>Manuel Silva</CardHolderName>
  <CardNumber>...</CardNumber>
  <SeriesCode>...</SeriesCode>
  <ThreeDomainSecurity>...</ThreeDomainSecurity>
  <TPA_Extensions>...</TPA_Extensions>
</PaymentCard>
```

EncryptionTokenType

» [PaymentCard](#) » [AcceptedPayment](#) » [GuaranteePayment](#) » [ResGlobalInfo](#) » [HotelReservation](#)

Element	#	Description	Type	IsRequired?
PlainText	1	Non-secure (plain text) value.	String	Required



Is used to **CardNumber** and **SeriesCode**.

³² Credit Card Flags – CCF - See enumeration's Credit Card Flags in Glossary

Example –EncryptionTokenType structure

```
<PlainText>4539875828990587</PlainText>
```



In some situations, cardNumber could appear only with the 4 last numbers visible. This is related with PCI compliance.

Example without PCI compliance –EncryptionTokenType cardNumber structure

```
<PlainText>xxxxxxxxxxx1111</PlainText>
```

Example without PCI compliance –EncryptionTokenType seriesCode structure

```
<PlainText>xxx</PlainText>
```

PaymentCardTypeThreeDomainSecurity

» [PaymentCard](#) » [AcceptedPayment](#) » [GuaranteePayment](#) » [ResGlobalInfo](#) » [HotelReservation](#)

Element	#	Description	Type	IsRequired?
Results	1	Transaction results.	PaymentCardTypeThreeDomainSecurityResults	Required

Example –PaymentCardTypeThreeDomainSecurity structure

```
<Results ... />
```

PaymentCardTypeThreeDomainSecurityResults

» [PaymentCardTypeThreeDomainSecurity](#) » [PaymentCard](#) » [AcceptedPayment](#) » [GuaranteePayment](#) » [ResGlobalInfo](#) » [HotelReservation](#)

Element	#	Description	Type	IsRequired?
@XID	1	Unique transaction reference	String	Required
TPA_Extensions	0..1	A placeholder in the schema to allow for additional elements and attributes to be included per Trading Partner Agreement (TPA)	TPA_ExtensionsType	Optional

PaymentCardTypeThreeDomainSecurityResultsTPA_Extensions

[PaymentCardTypeThreeDomainSecurityResults](#) » [PaymentCard](#) » [AcceptedPayment](#) » [GuaranteePayment](#) » [ResGlobalInfo](#) » [HotelReservation](#)

Element	#	Description	Type	IsRequired?
GatewayDetails	0..*	A collection of GatewayDetail results.	GatewayDetail	Required

PaymentCardTypeThreeDomainSecurityResultsGatewayDetails

[PaymentCardTypeThreeDomainSecurityResultsTPA_Extensions](#) » [PaymentCard](#) »

[AcceptedPayment](#) » [GuaranteePayment](#) » [ResGlobalInfo](#) » [HotelReservation](#)

Element	#	Description	Type	IsRequired?
@XID		Unique transaction reference	String	Optional
AuthorizationCode	1	Transaction's Authorization Code	String	Optional
NSU	1	Unique sequence number is the identification number of a sales transaction	String	Optional
TID	1	Transaction ID is an identification number of the transaction	String	Optional
*@Authentication3DS	1	3D Secure Authentication	Boolean	Optional
*ProviderReturnMessage	1	Message returned by the provider about transaction status	String	Optional
@CaptureDate	1	When was the capture done	Time	Optional
@CancellationDate	1	When was the chargeback	Time	Optional
Amount	1	Value	Decimal	Optional
Currency	1	Currency	String	Optional
Provider	1	Payment Processor	String	Optional
@Status	1	Status of the transaction	Enumeration	Optional



The fields with * are currently inactive.



A new Service is under Development to get payment information for a reservation (this is the scenario when payment details are updated after the reservation is confirmed)

```
<Results XID = "1214565">
<TPA_Extensions XID = "1214565" CaptureDate = "0516"
CancellationDate = "0516" Authentication3DS = "true" Status =
"CONFIRMED">
  <AuthorizationCode>...</AuthorizationCode/>
  <NSU>...</NSU>
  <TID>...</TID>
  <Authentication3DS>...</Authentication3DS>
  <ProviderReturnMessage>...</ProviderReturnMessage>
  <Amount>...</Amount>
  <Currency>...</Currency>
  <Provider>...</Provider>
</Results>
```

PaymentCardTypeTPA_Extensions

[PaymentCardTypeTPA_Extensions](#) » [PaymentCard](#) » [AcceptedPayment](#) » [GuaranteePayment](#) » [ResGlobalInfo](#) » [HotelReservation](#)

Element	#	Description	Type	IsRequired?
IsVCN	0..1	Indicates if the payment card is virtual or not	Boolean	Required

Example – TPA_Extensions structure and it attributes

```
<TPA_Extensions>
  <IsVCN>true</IsVCN>
</TPA_Extensions>
```

AmountPercent

» [GuaranteePayment](#) » [ResGlobalInfo](#) » [HotelReservation](#)

Element	#	Description	Type	IsRequired?
@Amount	1	A monetary amount	Decimal	Required
Taxes	0..1	A Collection of Taxes. Will be used to show the tax of Partial Payment	Collection of TaxType	Required / Optional

Example –AmountPercent whit it structure and attributes

```
<AmountPercent Amount="50">
  <Taxes>...</Taxes>
</AmountPercent>
```

TaxType

» [AmountPercent](#) » [GuaranteePayment](#) » [ResGlobalInfo](#) » [HotelReservation](#)

Element	#	Description	Type	IsRequired?
@Percent	1	Fee percentage.	Decimal	Required

Example –TaxType whit it structure and attributes

```
<TaxType Percent="5"/>
```

GuaranteeType

» [ResGlobalInfo](#) » [HotelReservation](#)

Element	#	Description	Type	IsRequired?
GuaranteesAccepted	1	Guarantees Accepted Element	Collection of GuaranteeAccepted	Required

Example – GuaranteeType structure

```
<Guarantee>
  <GuaranteesAccepted>...<GuaranteesAccepted>
</Guarantee>
```

GuaranteeAccepted

» [GuaranteeType](#) » [ResGlobalInfo](#) » [HotelReservation](#)

Element	#	Description	Type	IsRequired?
@GuaranteeTypeCode	1	Used to specify the method of guarantee. Refer to OpenTravel Code List Payment Type (PMT). Regarding the Payment Method	Enumeration PMT ³³	Required/Optional
PaymentCard	1	Details of a debit or credit card	PaymentCardType	Required

Example –GuaranteeAccepted structure

```
<GuaranteeAccepted GuaranteeTypeCode="5">
  <PaymentCard>...</PaymentCard>
</GuaranteeAccepted>
```

PaymentCard (GuaranteeAccepted)

» [GuaranteeAccepted](#) » [GuaranteePayment](#) » [ResGlobalInfo](#) » [HotelReservation](#)

Element	#	Description	Type	IsRequired?
@CardCode	1	Issuer code.	String	Required
@ExpireDate	1	Indicates the ending date.	String	Required
CardHolderName		Card holder name.	String	Required
CardNumber	1	Credit card number embossed on the card.	EncryptionTokenType	Required
SeriesCode	0..1	Verification digits.	EncryptionTokenType	Optional

Example –PaymentCard structure and it attributes

```
<PaymentCard CardCode="Visa" ExpireDate="0516">
  <CardHolderName>Manuel Silva</CardHolderName>
  <CardNumber>...</CardNumber>
  <SeriesCode>...</SeriesCode>
</PaymentCard>
```

EncryptionTokenType (GuaranteeAccepted)

» [PaymentCard](#) » [GuaranteeAccepted](#) » [GuaranteePayment](#) » [ResGlobalInfo](#) » [HotelReservation](#)

³³ Payment Type – PMT - See enumeration's Payment Type in Glossary

Element	#	Description	Type	IsRequired?
PlainText	1	Non-secure (plain text) value.	String	Required



Is used to **CardNumber** and **SeriesCode**.

Example –EncryptionTokenType structure

```
<PlainText>4539875828990587</PlainText>
```

TPA_Extensions – Information about exchange rates

» HotelReservation

Element	#	Description	Type	IsRequired?
PropertyExchangeRate	1	It gave information about exchange rate.	Decimal	Required
PropertyExchangeRateDate	1	Indicate the date of the exchange rate	DateTime	Required

Example – TPA_Extensions with Exchange Rates attributes

```
<TPA_Extensions>
  <PropertyExchangeRate>0.896563265</ PropertyExchangeRate>
  <PropertyExchangeRateDate>2017-01-26T12:36:25</ PropertyExchangeRateDate>
</ TPA_Extensions >
```



PropertyExchangeRate and **PropertyExchangeRateDate** will be placed as elements of **Any** list inside TPA_ExtensionsType.



PropertyExchangeRate represents the exchange rate used to transform the values that are in property base currency for the values that are in the rate plan currency. **PropertyExchangeRateDate** represents the date of the exchange rate.



Will be inserted in the reservation's comments information indicative of the exchange rate calculation always the exchange rate is different of 1.



When the rate plan currency is equal to property currency the exchange rate is informed as 1

Reservations – OTA_HotelResNotifRS

This message is used to the PMS systems respond to Omnibees about the status of introduction of the reservation in their system, as well for inform about the Number of the reservation in their system.

Currently the version of Reservations response is 3.0

Element	#	Description	Type	IsRequired?
@Version	1	Version of implementation	Decimal	Required
@TimeStamp	1	DateTime in what the request was processed by our service.	DateTime	Required
HotelReservations	1	OTA Array that have a collection of HotelReservation. We only sent one reservation (HotelReservation) by request.	Collection of HotelReservation (1)	Required
Success	0..1	The existence of this tag give the information of a successful request.	SuccessType	Optional/ Required
Errors	0..1	Indicates that an error occurred in the processing of the incoming request message.	ErrorsType	Optional/ Required
Warnings	0..1	Optionally used in conjunction with the Success element to indicate that the recipient of the request message identified one or more business-level warnings.	WarningsType	Optional/ Required

Example – OTA_HotelResNotifRS with it's attributes

```
<OTA_HotelResNotifRS TimeStamp="2016-10-27T13:38:48Z"
Version="3.00" xmlns:q1="http://www.opentravel.org/OTA/2003/05">
  <HotelReservations>...</q1:HotelReservations>
  <Warnings />
  <Errors />
  <Success />
</OTA_HotelResNotifRS>
```

HotelReservation

» OTA HotelResNofifRS

Element	#	Description	Type	IsRequired?
UniqueID	1	Used to provide Omnibees identifiers of reservation	UniqueID_Type	Required
ResGlobalInfo	1	ResGlobalInfo is a container for various information that affects the Reservation as a whole.	ResGlobalInfo	Required

Example – HotelReservation with it's attributes

```
<HotelReservation>
  <UniqueID Type="14" ID="45225656" />
  <ResGlobalInfo>...</ResGlobalInfo>
</HotelReservation>
```

UniqueID_Type (Hotelreservation - RS)

» HotelReservation

Element	#	Description	Type	IsRequired?
ID	1	Reservation ID in Omnibees	String	Required
Type	1	A reference to the type of object defined by the UniqueID Used – 14 - Reservation	Enumeration UIT ³⁴	Required



ID - Normally is the ID of reservation in Omnibees

Example – UniqueID_Type

```
<UniqueID Type="14" ID="140578" />
```

³⁴ Unique ID Type – UIT - See enumeration's Unique ID Type in Glossary

ResGlobalInfo

» HotelReservation

Element	#	Description	Type	IsRequired?
HotelReservationIDs	1	A Collection of HotelReservationID objects for a given reservation.	Collection of HotelReservationID (1)	Required

Example – ResGlobalInfo with it's attributes

```
<ResGlobalInfo>
  <HotelReservationIDs>...</HotelReservationIDs>
</ResGlobalInfo>
```

HotelReservationID

» ResGlobalInfo » HotelReservation

Element	#	Description	Type	IsRequired?
@ResID_Type	1	The code that identifies a hotel chain or management group.	Enumeration of Unique ID Type (UIT).	Required
@ResID_Value	1	The code that uniquely identifies a single hotel property.	String	Required
@ResID_Source	0..1	A unique identifier to indicate the source system which generated the ResID_Value.	String	Required



Normally will be sent PMS's Id of reservation.

ResID_Type should be 10 (HOTEL)

ResID_Value should be the PMS Number generated for the reservation

ResID_Source should be PMS

Example - HotelReservationID structure with its attributes

```
<HotelReservationID ResID_Type="10" ResID_Value="PMS1872" ResID_Source="PMS" />
```

Inventory – OTA_HotelInvCountRQ

This message is used to retrieve inventory of PMS system

Currently the version of Inventory request is **3.0**



Notice that if no other limit is negotiated with Omnibees, Omnibees should only request a **maximum of 120 days** of inventory.



The ChainCode is only mandatory when configured in Omnibees

Element	#	Description	Type	IsRequired?
@Version	1	Version of implementation	Decimal	Required
@Target	1	Test or Production target system indicator.	Enumeration of Target Type(TT ³⁵)	Optional
@TimeStamp	1	DateTime in what the request was processed by our service.	DateTime	Required
@EchoToken	1	A reference for additional message identification, assigned by the requesting host system.	String	Required
HotelInvCountRequests	1	Collection of Inventory Count requests criteria.	Collection of HotelInvCountRequest (1)	Optional/ Required



The **HotelInvCountRequests** only will have **one (1)** element **HotelInvCountRequest**

³⁵ [Target Type – TT](#) - See enumeration's Target Type in Glossary

Example – OTA_HotelInvCountRQ with it's attributes

```
<OTA_HotelInvCountRQ EchoToken="b51d8b26-c189-4689-943b-9bb698fd5a7d"
TimeStamp="2017-11-06T16:57:16.6776851Z" Version="3.00"
xmlns="http://www.opentravel.org/OTA/2003/05">
  <HotelInvCountRequests>
    <HotelInvCountRequest> ... </HotelInvCountRequest>
  </HotelInvCountRequests>
</OTA_HotelInvCountRQ>
```

HotelInvCountRequest

» HotelInvCountRequests

Element	#	Description	Type	IsRequired?
DateRange	1	A date or range of dates for the request.	DateRange	Required
RoomTypeCandidates	1	Collection of room stay candidates.	Collection of RoomTypeCandidate	Required
HotelRef	1	Indicates the detail of hotel reference information.	HotelRef	Required



The collection of **RoomTypeCandidate** elements need to have at least one **RoomTypeCandidate** element.

Example – HotelInvCountRequest with it's attributes

```
<HotelInvCountRequest>
  <DateRange [...] />
  <RoomTypeCandidates>[...]</RoomTypeCandidates>
  <HotelRef [...] />
</HotelInvCountRequest>
```

RoomTypeCandidate

» **RoomTypeCandidate** » HotelInvCountRequest » HotelInvCountRequests

Element	#	Description	Type	IsRequired?
@RoomTypeCode	1	The starting value of the time span.	Date	Required



The **RoomTypeCandidate** element inform about the **room types to be searched** in the given data range.

Example – RoomTypeCandidate with it's attributes

```
<RoomTypeCandidate RoomTypeCode="BROOM" />
```

DateRange

» [HotellInvCountRequest](#) » [HotellInvCountRequests](#)

Element	#	Description	Type	IsRequired?
@Start	1	The starting value of the time span.	Date	Required
@End	1	The ending value of the time span.	Date	Required



The dates of **DateRange** need to be equal or greater than actual date.

Example – DateRange with it's attributes

```
<DateRange Start="2017-11-06" End="2017-11-16" />
```

HotelRef

» [HotellInvCountRequest](#) » [HotellInvCountRequests](#)

Element	#	Description	Type	IsRequired?
@ChainCode	1	The code that identifies a hotel chain or management group	String	Required
@HotelCode	1	The code that uniquely identifies a single hotel property	String	Required

Example – HotelRef with it's attributes

```
<HotelRef ChainCode="OMNICA" HotelCode="OMNI123" />
```

Inventory – OTA_HotelInvCountRS

This message is used for the PMS's answer with inventory from their system
Currently the version of Inventory response is **3.0**



Notice that if no other limit is negotiated with Omnibees, you only should respond with a **maximum of 120 days** of inventory periods for **each response message**

Element	#	Description	Type	IsRequired?
@Version	1	Version of implementation	Decimal	Required
@Target	1	Test or Production target system indicator.	Enumeration of Target Type(TT ³⁶)	Optional
@TimeStamp	1	DateTime in what the request was processed by our service.	DateTime	Required
@EchoToken	1	A reference for additional message identification, assigned by the requesting host system.	String	Required
Inventories	1	A collection of Inventory	InvCountType	Required
Success	0..1	The existence of this tag give the information of a successful request.	SuccessType	Optional/ Required
Errors	0..1	Indicates that an error occurred in the processing of the incoming request message.	ErrorsType	Optional/ Required
Warnings	0..1	Optionally used in conjunction with the Success element to indicate that the recipient of the request message identified one or more business-level warnings.	WarningsType	Optional/ Required

³⁶ [Target Type – TT](#) - See enumeration's Target Type in Glossary



The **Inventories** (Look for **InvCountType**) element have the same schema both in **PULL** and in **PUSH**.

[For look at Inventory schema click here](#)

Example – OTA_HotelInvCountRS with it's attributes

```
<OTA_HotelInvCountRS EchoToken="b51d8b26-c189-4689-943b-9bb698fd5a7d"
TimeStamp="2017-11-06T16:58:24.3331567Z" Version="3.00"
xmlns="http://www.opentravel.org/OTA/2003/05">
  <Inventories [...]> [...] </Inventories>
  <Success />
</OTA_HotelInvCountRS>
```

UniqueID

Mostly of times the UniqueID element is available in all OTA messages. When it are not available will be used one attribute named "LocatorID" that have the same functionality of UniqueID.

UniqueID_Type

Element	#	Description	Type	IsRequired?
ID	1	A unique identifying value assigned by the creating system.	String	Required
Type	1	A reference to the type of object defined by the UniqueID element	Enumeration UIT ³⁷	Required

Example – OTA_HotelInvCountNotifRQ with its attributes and structure

```
<UniqueID Type="18" ID="1"/>
```

³⁷ Unique ID Type – UIT - See enumeration's Unique ID Type in Glossary

Warnings

Mostly of times the warning are available in all OTA response messages. That way it structure is always the same. Warnings is a WarningsType object in OTA.

WarningsType

Element	#	Description	Type	IsRequired?
Warning	1..*	Used in conjunction with the Success element to define a business error.	WarningType	Required

WarningType

» [WarningsType](#)

Element	#	Description	Type	IsRequired?
@Type	1	The warning element must contain the Type attribute that uses a recommended set of values to indicate the warning type.	Enumeration EWT³⁸	Required
@ShortText	1	In this context is used to indicate a Locator and ID where the error occurred. See the example below.	String	Required
@RecordID	1	This indicate the ID where the error occurred	String	Required
@Code	1	This refers to a table of coded values exchanged between applications to identify errors or warnings.	Enumeration ERR³⁹	Required
Value	1	Custom description of error	String	Required

Example – WarningType with its attributes and structure

```
<Warning Type="BizRule" ShortText=" [Inventory.UniqueID=1] "
Code="EndDateIsInvalid" RecordID="1">Invalid Departure
Time</Warning>
```

ShortText attribute

ShortText attribute is used to indicate a location and an ID that help to found where the error occurred.

³⁸ Error Warning Type –EWT - See enumeration's Error Warning Type in Glossary

³⁹ Error Codes –[ERR](#) - See enumeration's Error Codes in Glossary



Because of this you need to use some UniqueID or LocatorID tags on OTA message that will be used to identify a group of tags.



Typicaly when ShortText is filled that appears like “[Inventory.UniqueID=1]”. Since “RateAmountMessage.LocatorID” is a locator tag name and it parent, the ID is the id presented in locator.

Errors

Mostly of times the error are available in all OTA response messages. That way it structure is always the same. Errors is an ErrorsType object in OTA.

ErrorsType

» Errors

Element	#	Description	Type	IsRequired?
Error	1..99	An error that occurred during the processing of a message	ErrorType	Required

ErrorType

» Errors

Element	#	Description	Type	IsRequired?
@Type	1	The error element must contain the Type attribute that uses a recommended set of values to indicate the error type.	Enumeration EWT ⁴⁰	Required
@Code	0..1	This refers to a table of coded values exchanged between applications to identify errors or warnings.	Enumeration ERR ⁴¹	Optional
@ShortText	0..1	In this environment ShortText is used to have a COEC	Enumeration COEC ⁴²	Required
@RecordID	1	This indicate the ID where the error occurred	String	Required
Value	1	Custom description of error	String	Required

Example – ErrorType with its attributes and structure

```
<Error Type="Unknown" ShortText="InvalidRoomType">One or more room codes are invalid</Error>
```

⁴⁰ Error Warning Type – [EWT](#) - See enumeration's Error Warning Type in Glossary

⁴¹ Error Codes – [ERR](#) - See enumeration's Error Codes in Glossary

⁴² Custom Omnibeas Error Codes – [COEC](#) – See enumeration's Custom Omnibeas Error Codes in Glossary

Glossary

Enumerations

OTA enumerations have a lot of enumeration that never will be used by us, this way we only will be shown the codes used in this integration.

ReservationStatus

We decided to use an enumeration designed by us, because the enumeration recommended by OTA do not meets our requirements.

- Booked
- Cancelled
- Pending
- Modified
- Confirmed

Profile Status Type (PST)

Will be used the IDs of enumerations in processing method.

- Unspecified = 0
- Active = 4
- Inactive = 5

Profile Type (PRT)

Will be used the IDs of enumerations in processing method.

- Unspecified = 0
- Customer = 1
- Corporation = 3
- Travel agent = 4

Unique ID Type

Will be used the IDs of enumerations in processing method.

- Unspecified = 0
- Customer = 1
- CRO = 2
- CorporationRepresentative = 3
- Company = 4
- TravelAgency = 5
- Hotel = 10
- Reservation = 14
- Reference = 16
- Other = 18
- TravelAgentPNR = 24
- Master reference = 34

GuaranteeType

The type of guarantee

- DepositRequired – If there are no guarantee
- GuaranteeRequired – If there are a guarantee

Time Unit Type

The units of time. Is always “Day”

- Day

Min Max Message Type

An enumerated type used to define how the minimum and maximum LOS is applied.

- FixedLOS
 - This indicates the required length of stay (LOS).
- MaxLOS
 - Used to specify the maximum length of stay.
- MinLOS
 - Used to specify the minimum length of stay.
- MinAdvanceBookingOffset
 - Define how many days in advance, the hotel will no longer accept reservations

Restriction

An enumerated type used to define the restriction applied.

- Arrival
 - Is closed on arrival.
- Departure
 - Is closed on departure
- Master
 - Is closed

Restriction Status

An enumerated type used to define the restriction status applied.

- Open
 - Available to sale.
- Close
 - Unavailable to sale
- Remove
 - Remove the restriction

Offset Drop Time

An enumerated type indicating when the deadline drop time goes into effect. Always “BeforeArrival”

- BeforeArrival

Age Qualifying Code

An enumeration that indicate the age level of guests. Will be used the IDs of enumerations in processing method.

- Unspecified
- Child = 8
- Adult = 10
- AdditionalOccupantWithAdult = 12

Inv Count Action Type

An enumeration that indicate the type of Inventory update request.

- Used,
- Allocation,

Target Type

An enumerated type that defines the system target

- Test
- Production

Service Pricing Type

An enumerated type that defines how a service is priced.

- Per night
- Per person
- Per person per night
- Per stay

Phone Use Type

Describes the type of telephone number, in the context of its general use. Will be used the IDs of enumerations in processing method.

- Unspecified = 0,
- Contact = 5,
- Billing = 99

Phone Technology Type

Indicates type of technology associated with this telephone number. Will be used the IDs of enumerations in processing method.

- Unspecified = 0,
- Voice = 1,
- Data = 2,
- Fax = 3,
- Pager = 4,
- Mobile = 5,
- TTY = 6,
- Telex = 7,
- VoiceOverIP = 8

Email Address Type

Defines the purpose of the e-mail address. Will be used the IDs of enumerations in processing method.

- Unspecified = 0,
- Personal = 1,
- Billing = 99

Address Use Type

Defines the purpose of the address. Will be used the IDs of enumerations in processing method.

- Billing = 3,
- Contact = 6

Name Type (NAM)

Type of name of the individual, such as former, nickname, alternate or alias name. Will be used the IDs of enumerations in processing method.

- Billing = 99

Meal Plan Type (MPT)

Used to identify the types of meals included with a rate plan. Will be used the IDs of enumerations in processing method.

- Unspecified = 0,
- AllInclusive = 1,
- FullBoard = 10,
- HalfBoard = 12,
- RoomOnly = 14,
- Breakfast = 19

Rate Plan Type (RPT)

Used to identify the types of Rate Plans. Will be used the IDs of enumerations in processing method. (By default will be considered Regular Rack)

- Regular_Rack = 13
- Promotional = 12
- Package = 11
- Group = 21
- Corporate = 4
- Weekend = 17
- Convention = 3
- Negotiated = 10
- Distressed_Inventory = 6
- Government = 8
- Travel_industry = 16
- Net = 25

Error Warning Type (EWT)

Used to identify the types of errors.

- Unspecified,
- BizRule,
- RequiredFieldMissing,
- ApplicationError,

Error Codes (ERR)

Used to identify the code of errors.

- Unspecified,
- ItNumberInvalid,
- RoomOrRateNotFound,
- CategoryOfRoomUnitInvalid,
- StartDateInvalid,
- EndDateInvalid,
- NoRatesOfferedForThisSellRequest,
- InvalidNumberOfAdults,
- InvalidNumberSpecified,
- NoPriceExistsForTheTariff,
- InvalidCurrencyCode,
- InvalidValue,
- SystemError,

Custom Omnibeas Error Codes (COEC)

Used to identify the code of errors generated from omnibeas. Normally it will be used in ShortText attribute of ErrorType.

- Unspecified,
- InternalError,
- InvalidUserNameOrPassword,
- InvalidHotelCode,
- NoRateRoomMappings,
- InvalidMessageVersion,
- InvalidChainCode,
- InvalidClient,
- InvalidEndpoint,
- UnmappedRateRoom,

Payment Transaction Type Code (PTTC)

This is used to indicate either a charge, reserve (deposit) or refund.

- charge
 - This indicates that an actual payment has been made.
- reserve
 - This indicates that a hold for the indicated amount has been placed on a credit card or that a cash amount has been taken from the customer to guarantee final payment.

Payment Type (PMT)

Used to identify the payment types. Will be used the IDs of enumerations in processing method. In **gray** the descriptions of payment types on Omnibees

- Direct Bill = 2,
 - *Direct Payment At Hotel*
- Voucher = 3,
 - *Direct Billing*
- Pre Pay = 4,
 - *Pre Payment*
- Credit card = 5,
 - *Credit Card*
- Deposit = 8,
 - *Bank Deposit*
- Wire Payment = 28,
 - *Wire Transfer*
- Other Information = 32
 - *For Unkown Payment method*

Selection Type (SLT)

Used to identify which reservations must be selected.

3 = Undelivered

99 = AllUndelivered

RatePlanAvailabilityType

Used to identify what is the availability type of the rate plan.

- Allotment = 1,
- AllotmentInventoryImpact = 2,
- Inventory = 3

BookingLimitType

Used to identify what is the booking limit type of the rate plan/ room Combination.

- RemoveLimit,
- SetLimit,

Credit Card Flags

Used to identify what is the flag of the credit card. In **gray** the descriptions of the flags

- Visa,
- MasterCard,
 - *Master Card*
- AmericanExpress,
 - *American Express*
- Discover,
- Hipercard,
- DinersClub,
- JCB,
- Electron,
- Eurocard,
- EnRouteCard,
 - *En Route Card*

- Laser,
- Maestro,
- Solo,
- Aura,
- Elo

Gateway Details Status

Used to identify what is the status of the transaction. In `gray` the descriptions of the status

- **Validation Return (ZeroAuth)**
 - Unknown
 - No Validation
 - Valid
 - Validated
 - Invalid
 - Invalid
- **Transaction Return (Capture)**
 - Authorized
 - Transaction completed, but without capture
 - Cancelled
 - Transaction completed and canceled on the same day
 - Capture In Progress
 - Capture Schedule Status
 - Confirmed
 - Transaction effected with capture
 - Failed
 - Processing failed (send to reprocessing queue)
 - Pending
 - Transaction scheduling
 - Refund In Progress
 - Scheduling a reversal through the Braspag API requested by Bee2pay
 - Refunded
 - Reversal effected
 - Rejected
 - Not authorized