API for PMS

XML interface API for PMS communication towards Vertical Booking

08:085 - ver. 1.18

Version History:

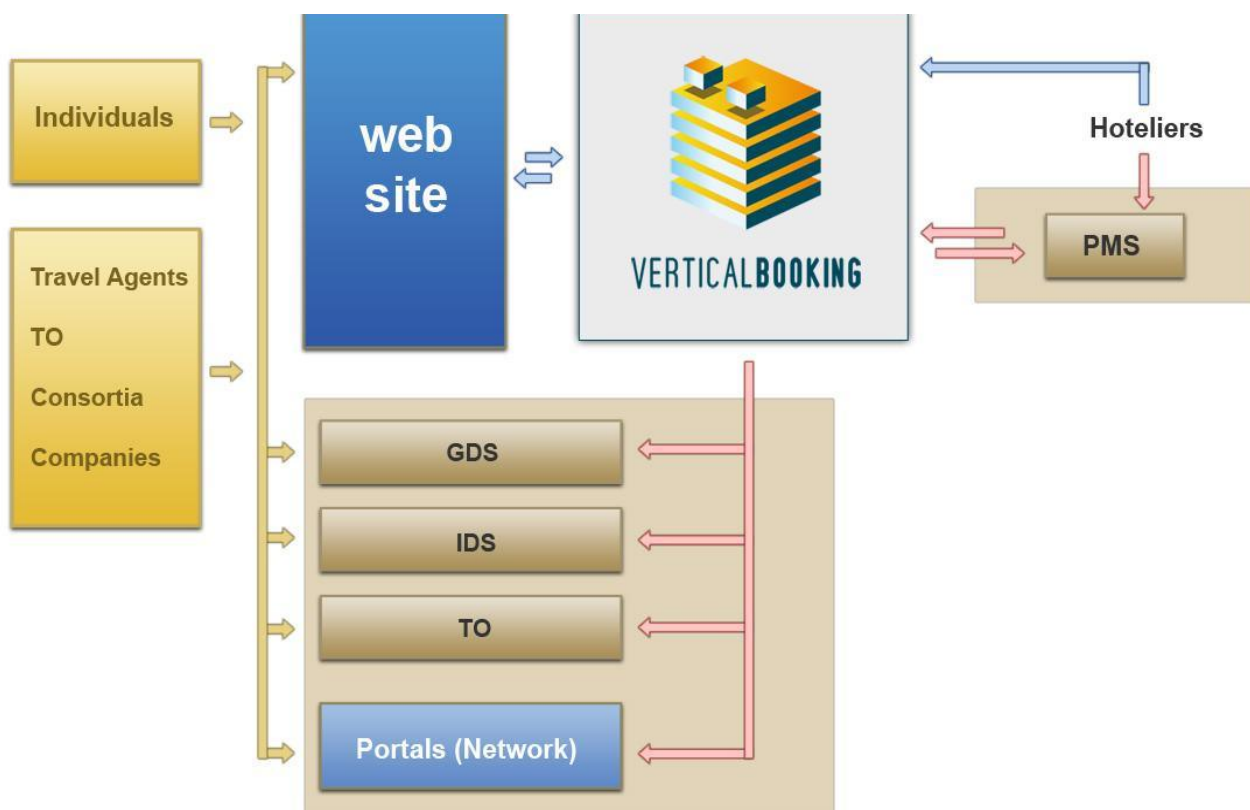| Version	Date	Author(s)	Notes
1.2	3-Feb-2011	Ing. Francesco Carsana	
1.3	8-Jun-2011	Ing. Francesco Carsana	
1.4	4-Jul-2011	Ing. Francesco Carsana	Added rates updates (for person prices)
1.5	6-Oct-2011	Dott. Luca Stucchi	Added destination channel tags for booking rules
1.6	24-Oct-2011	Dott. Luca Stucchi	Added booking retrieval reference section
1.7	10-Nov-2011	Ing. Francesco Carsana	Moved GuestCounts section in booking response
1.8	17-Jan-2012	Ing. Francesco Carsana	Added modified booking reference in booking response
1.9	20-Feb-2012	Ing. Francesco Carsana	Added Close to Departure documentation
1.10	05-Mar-2012	Ing. Francesco Carsana	Added Discount tag in booking retrieval
1.11	09-Jul-2012	Ing. Francesco Carsana	Reservations: Fixed day-by-day rates detail
1.12	31-Aug-2012	Dott. Luca Stucchi	Added price updates for adults in extra beds
1.13	06-Sep-2012	Dott. Luca Stucchi	Added Ping message
1.14	13-Jan-2014	Ing. Francesco Carsana	Added hotel code reference in reservation retrieval
1.15	27-Feb-2014	Dott. Luca Stucchi	Added Affiliation information in reservation retrieval
1.16	19-Jun-2014	Ing. Francesco Carsana	Added Services information in reservation retrieval
1.17	12-Aug-2015	Ing. Francesco Carsana	Added "Modify" status in reservation retrieval
1.18	10-May-2016	Ing. Francesco Carsana	Formatting

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1   Introduction

Vertical Booking is a complete and versatile online booking system with an integrated **IDS Channel Manager** and **GDS connectivity**. Simple for hoteliers to manage and incredibly easy to use for hotel guests, the system provides complete and up to date information for its users.

The following API allows a **PMS to connect** with Vertical Booking and all the way through to the IDS and GDS.

2 Set Up

In order to activate the interface the following parameters are necessary:

- User name

- Password

- Hotel Id

- Room codes

- Rate plan codes

3 Ping Message

3.1 Request Reference

Item	Type	Description	Values Format
OTA_PingRQ			
TimeStamp	DateTime		
Version	String		1.001
EchoData	String		

3.2 Request Example

```
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ns1="http://www.opentravel.org/OTA/2003/05" xmlns:ns2="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd"
xmlns:ns3="http://schemas.xmlsoap.org/ws/2004/08/addressing">

<SOAP-ENV:Header>

  <ns2:Security SOAP-ENV:mustUnderstand="1">

    <UsernameToken>

      <Username>username</Username>

      <Password>password</Password>
```

```
    </UsernameToken>

  </ns2:Security>

  <ns3:MessageID>uuid:bc12ff01-2329-f0dc-84e9-12ae9b579f32</ns3:MessageID>

  <ns3:To>https://www.aec-internet.it/booking_engine/int/pms_generic/OTA_PMS.php</ns3:To>

  <ns3:Action>OTA_Ping</ns3:Action>

  <ns3:From>

    <ns3:Address>http://schemas.xmlsoap.org/ws/2004/12/addressing/role/anonymous</ns3:Address>

  </ns3:From>

</SOAP-ENV:Header>

<SOAP-ENV:Body>

  <ns1:OTA_PingRQ TimeStamp="2012-09-06T10:45:29+02:00" Version="1">

    <ns1:EchoData>Vertical Booking XML Ping</ns1:EchoData>

  </ns1:OTA_PingRQ>

</SOAP-ENV:Body>

</SOAP-ENV:Envelope>
```

3.3 Response Reference

Item	Type	Description	Values Format
OTA_PingRS			
EchoData	String		

3.4 Response Example

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

<SOAP-ENV:Envelope

xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ns1="http://schemas.xmlsoap.org/ws/2004/08/addressing"
xmlns:ns2="http://www.opentravel.org/OTA/2003/05">

<SOAP-ENV:Header>

  <ns1:MessageID>uuid:4df96af4-c512-9983-a65d-64a80eeb4f6b</ns1:MessageID>

  <ns1:To>https://xml.verticalbooking.com/pms_generic/OTA_PMS.php</ns1:To>

  <ns1:From>

    <Address>http://schemas.xmlsoap.org/ws/2004/12/addressing/role/anonymous</Address>

  </ns1:From>

</SOAP-ENV:Header>

<SOAP-ENV:Body>

  <ns2:OTA_PingRS>

    <ns2:Success/>

    <ns2:EchoData>Vertical Booking XML Ping</ns2:EchoData>

  </ns2:OTA_PingRS>

</SOAP-ENV:Body>

</SOAP-ENV:Envelope>
```

4 Availability Update

This method is used to update availability.

4.1 Reference

Item	Type	Description	Values Format
OTA_HotelInvCountNotifRQ			
TimeStamp	DateTime		
Version	String		1.001
Inventories			
HotelCode	Integer	Unique identifier for the hotel	
Inventory			
StatusApplicationControl			
Start	Date	Start date	YYYY-MM-DD
End	Date	End date; note that end date is inclusive	YYYY-MM-DD
InvTypeCode	String	Vertical Booking Room Code	
InvCounts			
InvCount			
CountType	Int		1
Count	Int		

4.2 Request Example

This example shows an inventory update for the MTDR room: on Nov 25th there are 10 rooms available, and on Nov 26th there are 5 rooms available.

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

<SOAP-ENV:Envelope xmlns:SOAP-ENV = "http://schemas.xmlsoap.org/soap/envelope/" xmlns:ns1 =
"http://www.opentravel.org/OTA/2003/05" xmlns:ns2 = "http://docs.oasis-open.org/wss/2004/01/oasis-
200401-wss-wssecurity-secext-1.0.xsd" xmlns:ns3 =
"http://schemas.xmlsoap.org/ws/2004/08/addressing">

  <SOAP-ENV:Header>

    <ns2:Security SOAP-ENV:mustUnderstand = "1">

      <UsernameToken>

        <Username>test</Username>

        <Password>test</Password>
```

```xml
        </UsernameToken>

    </ns2:Security>

    <ns3:MessageID>uuid:84344d83-8078-e17f-a721-56e2facbf13d</ns3:MessageID>

    <ns3:To>http://www.myhotel.com/ws/ota</ns3:To>

    <ns3:Action>http://www.myhotel.com/ws/ota/OTA_ReadRQ</ns3:Action>

    <ns3:From>

        <ns3:Address>http://schemas.xmlsoap.org/ws/2004/12/addressing/role/anonymous</ns3:Address>

    </ns3:From>

  </SOAP-ENV:Header>

  <SOAP-ENV:Body>

    <ns1:OTA_HotelInvCountNotifRQ TimeStamp = "2010-10-22T16:47:16+02:00" Version = "1.001">

      <ns1:Inventories HotelCode = "5071">

        <ns1:Inventory>

          <ns1:StatusApplicationControl Start = "2010-11-25" End = "2010-11-25" InvTypeCode =
"MTRD"/>

          <ns1:InvCounts>

            <ns1:InvCount CountType = "1" Count = "10"/>

          </ns1:InvCounts>

        </ns1:Inventory>

        <ns1:Inventory>

          <ns1:StatusApplicationControl Start = "2010-11-26" End = "2010-11-26" InvTypeCode =
"MTRD"/>

          <ns1:InvCounts>

            <ns1:InvCount CountType = "1" Count = "5"/>

          </ns1:InvCounts>

        </ns1:Inventory>

      </ns1:Inventories>

    </ns1:OTA_HotelInvCountNotifRQ>

  </SOAP-ENV:Body>

</SOAP-ENV:Envelope>
```

4.3   Response Example

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

<SOAP-ENV:Envelope xmlns:SOAP-ENV = "http://schemas.xmlsoap.org/soap/envelope/" xmlns:ns1 =
"http://schemas.xmlsoap.org/ws/2004/08/addressing" xmlns:ns2 =
"http://www.opentravel.org/OTA/2003/05">

  <SOAP-ENV:Header>

    <ns1:MessageID>uuid:e73be007-3adb-cc93-8394-e56977350c3f</ns1:MessageID>

    <ns1:To>http://www.myhotel.com/ws/ota</ns1:To>

    <ns1:From>

<Address>http://schemas.xmlsoap.org/ws/2004/12/addressing/role/anonymous</Address>

    </ns1:From>

    <ns1:RelatesTo RelationshipType = "ns1:Reply">uuid:84344d83-8078-e17f-a721-
56e2facbf13d</ns1:RelatesTo>

    <ns1:Action>http://www.aec-
internet.it/booking_engine/int/myhotel/OTA_HotelInvCountNotifRS</ns1:Action>

  </SOAP-ENV:Header>

  <SOAP-ENV:Body>

    <ns2:OTA_HotelInvCountNotifRS>

      <ns2:Success/>

    </ns2:OTA_HotelInvCountNotifRS>

  </SOAP-ENV:Body>

</SOAP-ENV:Envelope>
```

5   Rates Update (per room prices)

This method is used to update rates (per room prices).

5.1   Reference

Item	Type	Description	Values Format
OTA_HotelRateAmountNotifRQ			
TimeStamp	datetime		
Version	String		1.000
RateAmountMessages			
HotelCode	Integer	Unique identifier for the hotel	
RateAmountMessages			
RateAmountMessage			
StatusApplicationControl			
Start	Date	Start date	YYYY-MM-DD
End	Date	End date; note that end date is inclusive	YYYY-MM-DD
InvTypeCode	String	Vertical Booking Room Code	
RatePlanCode	String	Vertical Booking Rate Code	
Rates			
Rate			
BaseByGuestAmts			
CurrencyCode	String	Hotel Currency	
AmoutAfterTax	Float	Price	

5.2   Request Example

This example updates the rate for the MTRD room and BB_BAR_ROOM rate plan from Nov 25th to Nov 26th:

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

<SOAP-ENV:Envelope xmlns:SOAP-ENV = "http://schemas.xmlsoap.org/soap/envelope/" xmlns:ns1 =
"http://www.opentravel.org/OTA/2003/05" xmlns:ns2 = "http://docs.oasis-open.org/wss/2004/01/oasis-
200401-wss-wssecurity-secext-1.0.xsd" xmlns:ns3 =
"http://schemas.xmlsoap.org/ws/2004/08/addressing">

  <SOAP-ENV:Header>

    <ns2:Security SOAP-ENV:mustUnderstand = "1">

      <UsernameToken>
```

```xml
        <Username>test</Username>

        <Password>test</Password>

      </UsernameToken>

    </ns2:Security>

    <ns3:MessageID>uuid:ee4f29bd-070d-a0d9-5e41-f06910676ff7</ns3:MessageID>

    <ns3:To>http://www.myhotel.com/ws/ota</ns3:To>

    <ns3:Action>http://www.myhotel.com/ws/ota/OTA_ReadRQ</ns3:Action>

    <ns3:From>

      <ns3:Address>http://schemas.xmlsoap.org/ws/2004/12/addressing/role/anonymous</ns3:Address>

    </ns3:From>

  </SOAP-ENV:Header>

  <SOAP-ENV:Body>

    <ns1:OTA_HotelRateAmountNotifRQ TimeStamp = "2010-10-26T09:25:18+02:00" Version = "1.000">

      <ns1:RateAmountMessages HotelCode = "5071">

        <ns1:RateAmountMessage>

          <ns1:StatusApplicationControl Start = "2010-11-25" End = "2010-11-25" RatePlanCode =
"BB_BAR_ROOM" InvTypeCode = "MTRD"/>

          <ns1:Rates>

            <ns1:Rate>

              <ns1:BaseByGuestAmts>

                <ns1:BaseByGuestAmt AmountAfterTax = "123.00" CurrencyCode = "EUR"/>

              </ns1:BaseByGuestAmts>

            </ns1:Rate>

          </ns1:Rates>

        </ns1:RateAmountMessage>

        <ns1:RateAmountMessage>

          <ns1:StatusApplicationControl Start = "2010-11-26" End = "2010-11-28" RatePlanCode =
"BB_BAR_ROOM" InvTypeCode = "MTRD"/>

          <ns1:Rates>

            <ns1:Rate>

              <ns1:BaseByGuestAmts>

                <ns1:BaseByGuestAmt AmountAfterTax = "234.00" CurrencyCode = "EUR"/>
```

```
            </ns1:BaseByGuestAmts>

          </ns1:Rate>

        </ns1:Rates>

      </ns1:RateAmountMessage>

    </ns1:RateAmountMessages>

  </ns1:OTA_HotelRateAmountNotifRQ>

 </SOAP-ENV:Body>

</SOAP-ENV:Envelope>
```

5.3   Response Example

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

<SOAP-ENV:Envelope xmlns:SOAP-ENV = "http://schemas.xmlsoap.org/soap/envelope/" xmlns:ns1 =
"http://schemas.xmlsoap.org/ws/2004/08/addressing" xmlns:ns2 =
"http://www.opentravel.org/OTA/2003/05">

  <SOAP-ENV:Header>

    <ns1:MessageID>uuid:952bf152-52e1-ede5-e16c-801bce155c60</ns1:MessageID>

    <ns1:To>http://www.myhotel.com/ws/ota</ns1:To>

    <ns1:From>

      <Address>http://schemas.xmlsoap.org/ws/2004/12/addressing/role/anonymous</Address>

    </ns1:From>

    <ns1:RelatesTo RelationshipType = "ns1:Reply">uuid:ee4f29bd-070d-a0d9-5e41-
f06910676ff7</ns1:RelatesTo>

    <ns1:Action>http://www.aec-
internet.it/booking_engine/int/myhotel/OTA_HotelRateAmountNotifRS</ns1:Action>

  </SOAP-ENV:Header>

  <SOAP-ENV:Body>

    <ns2:OTA_HotelRateAmountNotifRS>

      <ns2:Success/>

    </ns2:OTA_HotelRateAmountNotifRS>

  </SOAP-ENV:Body>

</SOAP-ENV:Envelope>
```

6 Rates Update (per person prices)

This method is used to update rates (per person prices).

6.1 Reference

Item	Type	Description	Values Format
OTA_HotelRateAmountNotifRQ			
TimeStamp	datetime		
Version	String		1.000
RateAmountMessages			
HotelCode	Integer	Unique identifier for the hotel	
RateAmountMessages			
RateAmountMessage			
StatusApplicationControl			
Start	Date	Start date	YYYY-MM-DD
End	Date	End date; note that end date is inclusive	YYYY-MM-DD
InvTypeCode	String	Vertical Booking Room Code	
RatePlanCode	String	Vertical Booking Rate Code	
Rates			
Rate			
BaseByGuestAmts			
CurrencyCode	String	Hotel Currency	
AmoutAfterTax	Float	Price	
NumberOfGuests	Int	Number of guest	
AgeQualifyingCode	Int	7 – Infant 8 – Child 9 – Teenager 10 – Adult 12 – Adult in extra bed In case you use 7,8,9, NumberOfGuests must be 1 In case you use 12 NumberOfGuests must be between 1 and 3	[7 | 8 | 9 | 10 | 12]

6.2 Request Example

This example updates the rate for the MTRD toom and BB_BAR_ROOM rate plan from Nov 25th to Nov 26th:

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

<SOAP-ENV:Envelope xmlns:SOAP-ENV = "http://schemas.xmlsoap.org/soap/envelope/" xmlns:ns1 =
"http://www.opentravel.org/OTA/2003/05" xmlns:ns2 = "http://docs.oasis-open.org/wss/2004/01/oasis-
200401-wss-wssecurity-secext-1.0.xsd" xmlns:ns3 =
"http://schemas.xmlsoap.org/ws/2004/08/addressing">

  <SOAP-ENV:Header>

    <ns2:Security SOAP-ENV:mustUnderstand = "1">

      <UsernameToken>

        <Username>test</Username>

        <Password>test</Password>

      </UsernameToken>

    </ns2:Security>

    <ns3:MessageID>uuid:ee4f29bd-070d-a0d9-5e41-f06910676ff7</ns3:MessageID>

    <ns3:To>http://www.myhotel.com/ws/ota</ns3:To>

    <ns3:Action>http://www.myhotel.com/ws/ota/OTA_ReadRQ</ns3:Action>

    <ns3:From>

      <ns3:Address>http://schemas.xmlsoap.org/ws/2004/12/addressing/role/anonymous</ns3:Address>

    </ns3:From>

  </SOAP-ENV:Header>

  <SOAP-ENV:Body>

    <ns1:OTA_HotelRateAmountNotifRQ TimeStamp = "2010-10-26T09:25:18+02:00" Version = "1.000">

      <ns1:RateAmountMessages HotelCode = "5071">

        <ns1:RateAmountMessage>

          <ns1:StatusApplicationControl Start = "2010-11-25" End = "2010-11-25" RatePlanCode =
"BB_BAR_ROOM" InvTypeCode = "MTRD"/>

          <ns1:Rates>

            <ns1:Rate>

              <ns1:BaseByGuestAmts>

                <ns1:BaseByGuestAmt AmountAfterTax = "123.00" CurrencyCode = "EUR" NumberOfGuests =
"2" AgeQualifyingCode = "10"/>
```

```
            </ns1:BaseByGuestAmts>

          </ns1:Rate>

        </ns1:Rates>

      </ns1:RateAmountMessage>

      <ns1:RateAmountMessage>

        <ns1:StatusApplicationControl Start = "2010-11-26" End = "2010-11-28" RatePlanCode =
"BB_BAR_ROOM" InvTypeCode = "MTRD"/>

        <ns1:Rates>

          <ns1:Rate>

            <ns1:BaseByGuestAmts>

              <ns1:BaseByGuestAmt AmountAfterTax = "234.00" CurrencyCode = "EUR" NumberOfGuests =
"2" AgeQualifyingCode = "10"/>

            </ns1:BaseByGuestAmts>

          </ns1:Rate>

        </ns1:Rates>

      </ns1:RateAmountMessage>

    </ns1:RateAmountMessages>

  </ns1:OTA_HotelRateAmountNotifRQ>

  </SOAP-ENV:Body>

</SOAP-ENV:Envelope>
```

6.3   Response Example

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

<SOAP-ENV:Envelope xmlns:SOAP-ENV = "http://schemas.xmlsoap.org/soap/envelope/" xmlns:ns1 =
"http://schemas.xmlsoap.org/ws/2004/08/addressing" xmlns:ns2 =
"http://www.opentravel.org/OTA/2003/05">

  <SOAP-ENV:Header>

    <ns1:MessageID>uuid:952bf152-52e1-ede5-e16c-801bce155c60</ns1:MessageID>

    <ns1:To>http://www.myhotel.com/ws/ota</ns1:To>

    <ns1:From>

      <Address>http://schemas.xmlsoap.org/ws/2004/12/addressing/role/anonymous</Address>

    </ns1:From>

    <ns1:RelatesTo RelationshipType = "ns1:Reply">uuid:ee4f29bd-070d-a0d9-5e41-
f06910676ff7</ns1:RelatesTo>
```

```
    <ns1:Action>http://www.aec-
internet.it/booking_engine/int/myhotel/OTA_HotelRateAmountNotifRS</ns1:Action>

  </SOAP-ENV:Header>

  <SOAP-ENV:Body>

    <ns2:OTA_HotelRateAmountNotifRS>

      <ns2:Success/>

    </ns2:OTA_HotelRateAmountNotifRS>

  </SOAP-ENV:Body>

</SOAP-ENV:Envelope>
```

7   Booking Rules Update

7.1   Reference

Item	Type	Description	Values Format
OTA_HotelBookingRuleNotifRQ			
TimeStamp	datetime		
Target	String		Production
Version	String		1.000
RulesMessages			
HotelCode	Integer	Unique identifier for the hotel	
RuleMessages			
RuleMessage			
StatusApplicationControl			
Start	Date	Start date	YYYY-MM-DD
End	Date	End date; note that end date is inclusive	YYYY-MM-DD
InvTypeCode	String	Vertical Booking Room Code	
RatePlanCode	String	Vertical Booking Rate Code	
DestinationSystemCodes			
DestinationSystemCode	Int	Vertical Booking Channel code	
BookingRules			
BookingRule			
RestrictionStatus			
Restiction	String	Master: stop sales on room code /rate code for the specified period, Arrival: closed to arrival room code /rate code for the specified period, Departure: closed to departure room code /rate code for the specified period	[Master | Arrival | Departure]
Status			Open/Close
LengthsOfStay			
LengthOfStay			
MinMaxMessageType	String		SetMinLOS
TimeUnit	String		Day

Time	Int		

7.2   Request Example

This example updates the inventory for the DBL room and BAR rate plan from Jun 19th to Jun 20th, sets a minimum stay of 2 nights and opens the room for selling and to arrival.

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

<SOAP-ENV:Envelope xmlns:SOAP-ENV = "http://schemas.xmlsoap.org/soap/envelope/" xmlns:ns1 =
"http://www.opentravel.org/OTA/2003/05" xmlns:ns2 = "http://docs.oasis-open.org/wss/2004/01/oasis-
200401-wss-wssecurity-secext-1.0.xsd" xmlns:ns3 =
"http://schemas.xmlsoap.org/ws/2004/08/addressing">

  <SOAP-ENV:Header>

    <ns2:Security SOAP-ENV:mustUnderstand = "1">

      <UsernameToken>

        <Username>test</Username>

        <Password>test</Password>

      </UsernameToken>

    </ns2:Security>

    <ns3:MessageID>uuid:be91c51a-b605-102d-94d6-0030487c664c</ns3:MessageID>

    <ns3:To>http://www.myhotel.com/ws/ota</ns3:To>

    <ns3:Action>http://www.myhotel.com/ws/ota/OTA_ReadRQ</ns3:Action>

    <ns3:From>

      <ns3:Address>http://schemas.xmlsoap.org/ws/2004/12/addressing/role/anonymous</ns3:Address>

    </ns3:From>

  </SOAP-ENV:Header>

  <SOAP-ENV:Body>

    <ns1:OTA_HotelBookingRuleNotifRQ TimeStamp = "2010-05-21T10:48:01+02:00" Target = "Production"
Version = "1.000">

      <ns1:RuleMessages HotelCode = "5071">

        <ns1:RuleMessage>

          <ns1:StatusApplicationControl Start = "2010-06-19" End = "2010-06-20" RatePlanCode = "BAR"
InvTypeCode = "DBL">

            <ns1:DestinationSystemCodes>

              <ns1:DestinationSystemCode>11</ns1:DestinationSystemCode>

              <ns1:DestinationSystemCode>15</ns1:DestinationSystemCode>
```

```
        </ns1:DestinationSystemCodes>

      </ns1:StatusApplicationControl>

      <ns1:BookingRules>

        <ns1:BookingRule>

          <ns1:LengthsOfStay>

            <ns1:LengthOfStay Time = "2" TimeUnit = "Day" MinMaxMessageType = "SetMinLOS"/>

          </ns1:LengthsOfStay>

        </ns1:BookingRule>

        <ns1:BookingRule>

          <ns1:RestrictionStatus Restriction = "Master" Status = "Close"/>

        </ns1:BookingRule>

        <ns1:BookingRule>

          <ns1:RestrictionStatus Restriction = "Arrival" Status = "Open"/>

        </ns1:BookingRule>

        <ns1:BookingRule>

          <ns1:RestrictionStatus Restriction = "Departure" Status = "Close"/>

        </ns1:BookingRule>

      </ns1:BookingRules>

    </ns1:RuleMessage>

  </ns1:RuleMessages>

 </ns1:OTA_HotelBookingRuleNotifRQ>

 </SOAP-ENV:Body>

</SOAP-ENV:Envelope>
```

7.3   Response Example

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

<SOAP-ENV:Envelope xmlns:SOAP-ENV = "http://schemas.xmlsoap.org/soap/envelope/" xmlns:ns1 =
"http://schemas.xmlsoap.org/ws/2004/08/addressing" xmlns:ns2 =
"http://www.opentravel.org/OTA/2003/05">

  <SOAP-ENV:Header>

    <ns1:MessageID>uuid:77bdaccb-e8cf-fb9f-5de6-0cb9f84a1f19</ns1:MessageID>

    <ns1:To>http://www.myhotel.com/ws/ota</ns1:To>
```

```
    <ns1:From>

      <Address>http://schemas.xmlsoap.org/ws/2004/12/addressing/role/anonymous</Address>

    </ns1:From>

    <ns1:RelatesTo RelationshipType = "ns1:Reply">uuid:be91c51a-b605-102d-94d6-
0030487c664c</ns1:RelatesTo>

    <ns1:Action>http://www.aec-
internet.it/booking_engine/int/myhotel/OTA_HotelBookingRuleNotifRQ</ns1:Action>

  </SOAP-ENV:Header>

  <SOAP-ENV:Body>

    <ns2:OTA_HotelBookingRuleNotifRS>

      <ns2:Success/>

    </ns2:OTA_HotelBookingRuleNotifRS>

  </SOAP-ENV:Body>

</SOAP-ENV:Envelope>
```

8   Booking Retrieval

8.1   Request Reference

Item	Type	Description	Values Format
OTA_ReadRQ			
TimeStamp	datetime		
Version	String		1
ReadRequests			
HotelReadRequest			
HotelCode	Integer	Unique identifier for the hotel	

8.2   Request Example

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

<SOAP-ENV:Envelope xmlns:SOAP-ENV = "http://schemas.xmlsoap.org/soap/envelope/" xmlns:ns1 =
"http://www.opentravel.org/OTA/2003/05" xmlns:ns2 = "http://docs.oasis-open.org/wss/2004/01/oasis-
200401-wss-wssecurity-secext-1.0.xsd" xmlns:ns3 =
"http://schemas.xmlsoap.org/ws/2004/08/addressing">

  <SOAP-ENV:Header>

    <ns2:Security SOAP-ENV:mustUnderstand = "1">

      <UsernameToken>

        <Username>test</Username>

        <Password>test</Password>

      </UsernameToken>

    </ns2:Security>

    <ns3:MessageID>uuid:712e7f5b-8353-d6b9-1531-b27d5a53f6d7</ns3:MessageID>

    <ns3:To>http://www.myhotel.com/ws/ota</ns3:To>

    <ns3:Action>http://www.myhotel.com/ws/ota/OTA_ReadRQ</ns3:Action>

    <ns3:From>

      <ns3:Address>http://schemas.xmlsoap.org/ws/2004/12/addressing/role/anonymous</ns3:Address>

    </ns3:From>

  </SOAP-ENV:Header>

  <SOAP-ENV:Body>

    <ns1:OTA_ReadRQ TimeStamp = "2010-10-22T16:26:02+02:00" Version = "1">
```

```
    <ns1:ReadRequests>

      <ns1:HotelReadRequest HotelCode = "5071"/>

    </ns1:ReadRequests>

  </ns1:OTA_ReadRQ>

 </SOAP-ENV:Body>

</SOAP-ENV:Envelope>
```

8.3   Response Reference

Item	Type	Description	Values Format
OTA_ResRetrieveRS			
Version		1.000 [fixed]	
Timestamp	DateTime		ISO 8601
Success		Present only if request is correct	
Errors		Present only in case of errors	
Error	String	Error description	
Code	String	Error Code	
ReservationsList			
HotelReservation			
RoomStayReservation	Boolean	true [fixed]	
ResStatus	String	Reservation status	[Commit | Cancel | Modify]
CreateDateTime	DateTime	Creation time	ISO 8601
UniqueID			
Type	Integer	14 [fixed]	
ID_Context	String	CrsConfirmNumber [fixed]	
ID	String	Reservation CRS Code	
RoomStays			
RoomStay			
RoomTypes			
RoomType			
NumberOfUnits	Integer	Number of Rooms	
RoomTypeCode	String	Room Type Code	
RatePlans			
RatePlan			
RatePlanCode	String	Rate Plan Code	
RoomRates			
RoomRate			
RoomTypeCode	String	Room Type Code	
RatePlanCode	String	Rate Plan Code	
Rates			

Rate			
RateTimeUnit	String	Day [fixed]	
EffectiveDate	Date	Begin date	YYYY-MM-DD
ExpireDate	Date	End date	YYYY-MM-DD
Base			
AmountAfterTax	Float	Day-by-day price	
CurrencyCode	String		ISO 4217
Discount			
AmountAfterTax	Float	Discount value	
DiscountReason			
Text	String	Discount reason	
GuestCounts			
GuestCount			
AgeQualifyingCode	Integer		[10=Adult | 8=Children]
Age	Integer	Age of the guest	
Count	Integer	Number of guests related with the current AgeQualifyCode	
TimeSpan			
Start	Date	Check in date	YYYY-MM-DD
End	Date	Check out date	YYYY-MM-DD
BasicPropertyInfo			
HotelCode	Integer	Hotel Code associated to the reservation	
Services			
Service			
ServiceInventoryCode	String	Service code	
ServicePricingType	String	Service type	[Per night | Per person per night]
Inclusive	Boolean	If true, services price is already added to the total reservation amount	
Quantity	Integer	Number of booked services	
Price			
Base			
AmountAfterTax	Float	Service price (per unit)	
CurrencyCode	String		ISO 4217
ServiceDetails			
TimeSpan			
Start	Date	Service start date/time	
End	Date	Service end date/time	
ResGuests			
ResGuest			

Profiles			
ProfileInfo			
Profile			
ProfileType	Integer	Code of the associated profile	[1=Reserver | 21=Customer]
Customer			
PersonName			
GivenName	String	First (given) name of the guest	
Surname	String	Surname of the guest	
Telephone			
PhoneTechType	Integer	Type of telephone contact information	[1=Fixed line | 5=Mobile]
PhoneNumber	String	Telephone number	
Email	String	Email address	
Address			
CityName	String	City name	
PostalCode	String	City ZIP code	
StateProv	String	Province	
CountryName	String	Country name	
ResGlobalInfo			
HotelReservationIDs		[optional]	Present only in case of modification
HotelReservationID			
ResID_Type		25 (=Associated reservation) [fixed]	
ResID_Value	String	Reservation CRS Code	Previuos reservation code (replaced by this reservation)
Comments			
Comment			
Text	String	Comment string	
Guarantee			
GuaranteesAccepted			
GuaranteeAccepted			
PaymentTransactionTypeCode	String	charge [fixed]	charge
PaymentCard			
CardType		1 (=Credit) [fixed]	
CardCode		Credit Card Number	
CardNumber			[AX=American Express | BC=Bank Card | CB=Carte Blanche | BL=Carte Bleu | DN=Diners Club | DS=Discover Card | EC=Eurocard | JC=Japanese Credit

			Bureau Credit Card | MC=Master Card | TP=Universal Air Travel Card | VI=Visa]
ExpireDate		CC Expiration Date	
SeriesCode			
CardHolderName			
Total			
AmountAfterTax	Float	Total amount (gross), only if rates are commissionable	
CurrencyCode	String	Currency	ISO 4217
Profiles		Total number of guests	
ProfileInfo			
UniqueID			
Type	Integer	A unique identifying value assigned by the creating system	[7=Wholesaler | 12=Hotel | 13=Internet broker | 18=Other | 32=Merchant]
ID_Context	Integer	Source of the identifier	[CRS | IATA]
ID	Integer	A unique identifying value assigned by the creating system	
Profile			
ProfileType	Integer	Code of the associated profile	[2=GDS | 3=Corporation | 4=Travel agent | 5=Wholesaler | 10=Internet broker | 12=Hotel | 17=Affiliation]
CompanyInfo			
CompanyName			
CompanyShortName	String	Short name for the company	
Code	String	Company Code	
CodeContext	String	VerticalBooking	
AddressInfo			
TelephoneInfo			
PhoneTechType	Integer	Type of telephone contact information	1 – Fixed Line
PhoneNumber	String	Telephone number	
TPA_Extentions			
PrenRequestCode	Integer		

8.4 Response Example

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

<SOAP-ENV:Envelope xmlns:SOAP-ENV = "http://schemas.xmlsoap.org/soap/envelope/" xmlns:ns1 =
"http://schemas.xmlsoap.org/ws/2004/08/addressing" xmlns:ns2 =
"http://www.opentravel.org/OTA/2003/05">

  <SOAP-ENV:Header>

    <ns1:MessageID>uuid:6548d817-95bb-49e4-2192-9becc3c73294</ns1:MessageID>

    <ns1:To>http://www.gestionealbergo.com/ws/ota</ns1:To>

    <ns1:From>

      <Address>http://schemas.xmlsoap.org/ws/2004/12/addressing/role/anonymous</Address>

    </ns1:From>

    <ns1:RelatesTo RelationshipType = "ns1:Reply">uuid:712e7f5b-8353-d6b9-1531-
b27d5a53f6d7</ns1:RelatesTo>

    <ns1:Action>http://www.aec-internet.it/booking_engine/int/gestione
albergo/OTA_ResRetrieveRS</ns1:Action>

  </SOAP-ENV:Header>

  <SOAP-ENV:Body>

    <ns2:OTA_ResRetrieveRS>

      <ns2:Success/>

      <ns2:ReservationsList>

        <ns2:HotelReservation RoomStayReservation = "true" ResStatus = "Commit" CreateDateTime =
"2010-09-22T08:32:48+02:00">

          <ns2:UniqueID Type = "14" ID_Context = "CrsConfirmNumber" ID = "287329696/87030894|8953"/>

          <ns2:RoomStays>

            <ns2:RoomStay>

              <ns2:RoomTypes>

                <ns2:RoomType RoomTypeCode = "MTRD" NumberOfUnits = "1"/>

              </ns2:RoomTypes>

              <ns2:RatePlans>

                <ns2:RatePlan RatePlanCode = "BB_BAR"/>

              </ns2:RatePlans>

              <ns2:RoomRates>

                <ns2:RoomRate RoomTypeCode = "MTRD" RatePlanCode = "BB_BAR">
```

```
                    <ns2:Rates>

                        <ns2:Rate RateTimeUnit = "Day" EffectiveDate = "2010-10-23" ExpireDate = "2010-
10-24">

                            <ns2:Base AmountAfterTax = "200.0000" CurrencyCode = "EUR"/>

                        </ns2:Rate>

                    </ns2:Rates>

                </ns2:RoomRate>

                <ns2:RoomRate RoomTypeCode = "MTRD" RatePlanCode = "BB_BAR">

                    <ns2:Rates>

                        <ns2:Rate RateTimeUnit = "Day" EffectiveDate = "2010-10-24" ExpireDate = "2010-
10-25">

                            <ns2:Base AmountAfterTax = "102.0000" CurrencyCode = "EUR"/>

                        </ns2:Rate>

                    </ns2:Rates>

                </ns2:RoomRate>

                <ns2:RoomRate RoomTypeCode = "MTRD" RatePlanCode = "BB_BAR">

                    <ns2:Rates>

                        <ns2:Rate RateTimeUnit = "Day" EffectiveDate = "2010-10-25" ExpireDate = "2010-
10-26">

                            <ns2:Base AmountAfterTax = "102.0000" CurrencyCode = "EUR"/>

                        </ns2:Rate>

                    </ns2:Rates>

                </ns2:RoomRate>

                <ns2:RoomRate RoomTypeCode = "MTRD" RatePlanCode = "BB_BAR">

                    <ns2:Rates>

                        <ns2:Rate RateTimeUnit = "Day" EffectiveDate = "2010-10-26" ExpireDate = "2010-
10-27">

                            <ns2:Base AmountAfterTax = "85.0000" CurrencyCode = "EUR"/>

                        </ns2:Rate>

                    </ns2:Rates>

                </ns2:RoomRate>

                <ns2:RoomRate RoomTypeCode = "MTRD" RatePlanCode = "BB_BAR">

                    <ns2:Rates>
```

```
            <ns2:Rate RateTimeUnit = "Day" EffectiveDate = "2010-10-27" ExpireDate = "2010-
10-28">

                <ns2:Base AmountAfterTax = "85.0000" CurrencyCode = "EUR"/>

            </ns2:Rate>

        </ns2:Rates>

    </ns2:RoomRate>

    <ns2:RoomRate RoomTypeCode = "MTRD" RatePlanCode = "BB_BAR">

      <ns2:Rates>

        <ns2:Rate RateTimeUnit = "Day" EffectiveDate = "2010-10-28" ExpireDate = "2010-
10-29">

            <ns2:Base AmountAfterTax = "72.2500" CurrencyCode = "EUR"/>

        </ns2:Rate>

      </ns2:Rates>

    </ns2:RoomRate>

    <ns2:RoomRate RoomTypeCode = "MTRD" RatePlanCode = "BB_BAR">

      <ns2:Rates>

        <ns2:Rate RateTimeUnit = "Day" EffectiveDate = "2010-10-29" ExpireDate = "2010-
10-30">

            <ns2:Base AmountAfterTax = "0.0000" CurrencyCode = "EUR"/>

            <ns2:Discount AmountAfterTax = "85.0000">

                <ns2:DiscountReason>

                    <ns2:Text>7x6</ns2:Text>

                </ns2:DiscountReason>

            </ns2:Discount>

        </ns2:Rate>

      </ns2:Rates>

    </ns2:RoomRate>

  </ns2:RoomRates>

  <GuestCounts>

    <GuestCount AgeQualifyingCode = "10" Count = "2"/>

  </GuestCounts>

  <ns2:TimeSpan Start = "2010-10-23" End = "2010-10-30"/>

  <ns2:BasicPropertyInfo HotelCode = "5071"/>
```

```
        </ns2:RoomStay>

      </ns2:RoomStays>

      <ns2:Services>

        <ns2:Service ServicePricingType = "Per night" ServiceInventoryCode = "SPA" Quantity =
"1">

          <ns2:Price>

            <ns2:Base AmountAfterTax = "15.00" CurrencyCode = "EUR"/>

          </ns2:Price>

          <ns2:ServiceDetails>

            <ns2:TimeSpan Start = "2010-10-25" End = "2010-10-25"/>

          </ns2:ServiceDetails>

        </ns2:Service>

      </ns2:Services>

      <ns2:ResGuests>

        <ns2:ResGuest>

          <ns2:Profiles>

            <ns2:ProfileInfo>

              <ns2:Profile ProfileType = "1">

                <ns2:Customer BirthDate = "1950-12-31">

                  <ns2:PersonName>

                    <ns2:GivenName>tizio</ns2:GivenName>

                    <ns2:Surname>caio</ns2:Surname>

                  </ns2:PersonName>

                  <ns2:Telephone PhoneTechType = "1" PhoneNumber = "0123456789"/>

                  <ns2:Email>prova@microsoft.com</ns2:Email>

                  <ns2:Address>

                    <ns2:AddressLine>via viole 15</ns2:AddressLine>

                    <ns2:CityName>Roma</ns2:CityName>

                    <ns2:PostalCode>12345</ns2:PostalCode>

                    <ns2:StateProv>RM</ns2:StateProv>

                    <ns2:CountryName>IT</ns2:CountryName>
```

```
            </ns2:Address>

          </ns2:Customer>

        </ns2:Profile>

      </ns2:ProfileInfo>

    </ns2:Profiles>

  </ns2:ResGuest>

</ns2:ResGuests>

<ns2:ResGlobalInfo>

  <ns2: HotelReservationIDs>

    <ns2: HotelReservationID ResID_Type = "25" ResID_Value = "287329696/87030881|8947"/>

  <ns2: HotelReservationIDs>

  <ns2:Comments>

    <ns2:Comment>

      <ns2:Text>

        GUEST NAME:Mario ROSSI

        Late arrive

        No smoking room

        Nr. guests: 2

        Commission Amount: 146.25

      </ns2:Text>

    </ns2:Comment>

  </ns2:Comments>

  <ns2:Guarantee>

    <ns2:GuaranteesAccepted>

      <ns2:GuaranteeAccepted PaymentTransactionTypeCode = "charge">

        <ns2:PaymentCard CardType = "1" CardCode = "MC" CardNumber = "0000000000099"
SeriesCode = "000" ExpireDate = "0911">

          <ns2:CardHolderName>tizio</ns2:CardHolderName>

        </ns2:PaymentCard>

      </ns2:GuaranteeAccepted>

    </ns2:GuaranteesAccepted>
```

```
        </ns2:Guarantee>

        <ns2:Total AmountAfterTax = "731.25" CurrencyCode = "EUR"/>

        <ns2:Profiles>

          <ns2:ProfileInfo>

            <ns2:UniqueID Type = "32" ID_Context = "CRS" ID = "11"/>

            <ns2:Profile ProfileType = "10">

              <ns2:CompanyInfo>

                <ns2:CompanyName CompanyShortName = "BOOKINGS EUROPE B.V." Code = "9606020"
CodeContext = "IATA"/>

                <ns2:AddressInfo/>

                <ns2:TelephoneInfo PhoneTechType = "1" PhoneNumber = "0031-200005414"/>

                <ns2:BusinessLocale>

                  <ns2:AddressLine>WETERINGSCHANS  28 - 4, 1017 SG</ns2:AddressLine>

                  <ns2:CityName>AMSTERDAM</ns2:CityName>

                  <ns2:PostalCode>1000</ns2:PostalCode>

                  <ns2:CountryName>NL</ns2:CountryName>

                </ns2:BusinessLocale>

              </ns2:CompanyInfo>

            </ns2:Profile>

          </ns2:ProfileInfo>

        </ns2:Profiles>

      </ns2:ResGlobalInfo>

    </ns2:HotelReservation>

  </ns2:ReservationsList>

 </ns2:OTA_ResRetrieveRS>

 </SOAP-ENV:Body>

</SOAP-ENV:Envelope>
```

9   Booking Confirmation

9.1   Request Reference

Item	Type	Description	Values Format
OTA_HotelResNotifRQ			
HotelReservations			
HotelReservation			
UniqueID			
Type	Integer		14
ID_Context	String		CrsConfirmNumber
ID	String	Reservation ID to confirm	
ResGlobalInfo			
HotelReservationIDs			
HotelReservationID			
ResID_Type	Integer		10
ResID_Value	String	Reservation ID in PMS system	
ResID_Source	String		PMS
ResID_SourceContext	String		PmsConfirmNumber

9.2   Request Example

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

<SOAP-ENV:Envelope xmlns:SOAP-ENV = "http://schemas.xmlsoap.org/soap/envelope/" xmlns:ns1 =
"http://www.opentravel.org/OTA/2003/05" xmlns:ns2 = "http://docs.oasis-open.org/wss/2004/01/oasis-
200401-wss-wssecurity-secext-1.0.xsd" xmlns:ns3 =
"http://schemas.xmlsoap.org/ws/2004/08/addressing">

  <SOAP-ENV:Header>

    <ns2:Security SOAP-ENV:mustUnderstand = "1">

      <UsernameToken>

        <Username>test</Username>

        <Password>test</Password>

      </UsernameToken>

    </ns2:Security>

    <ns3:MessageID>uuid:712e7f5b-8353-d6b9-1531-b27d5a53f6d7</ns3:MessageID>

    <ns3:To>http://www.myhotel.com/ws/ota</ns3:To>

    <ns3:Action>http://www.myhotel.com/ws/ota/OTA_ReadRQ</ns3:Action>
```

```
   <ns3:From>

     <ns3:Address>http://schemas.xmlsoap.org/ws/2004/12/addressing/role/anonymous</ns3:Address>

   </ns3:From>

 </SOAP-ENV:Header>

 <SOAP-ENV:Body>

   <ns1:OTA_HotelResNotifRQ>

     <ns1:HotelReservations>

       <ns1:HotelReservation>

         <ns1:UniqueID Type = "14" ID_Context = "CrsConfirmNumber" ID = "287329696/87030894|8953"/>

         <ns1:ResGlobalInfo>

           <ns1:HotelReservationIDs>

             <ns1:HotelReservationID ResID_Type = "10" ResID_Value = "123456ABCD" ResID_Source =
"PMS" ResID_SourceContext = "PmsConfirmNumber"/>

           </ns1:HotelReservationIDs>

         </ns1:ResGlobalInfo>

       </ns1:HotelReservation>

     </ns1:HotelReservations>

   </ns1:OTA_HotelResNotifRQ>

 </SOAP-ENV:Body>

</SOAP-ENV:Envelope>
```

9.3   Response Example

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

<SOAP-ENV:Envelope xmlns:SOAP-ENV = "http://schemas.xmlsoap.org/soap/envelope/" xmlns:ns1 =
"http://schemas.xmlsoap.org/ws/2004/08/addressing" xmlns:ns2 =
"http://www.opentravel.org/OTA/2003/05">

 <SOAP-ENV:Header>

   <ns1:MessageID>uuid:6548d817-95bb-49e4-2192-9becc3c73294</ns1:MessageID>

   <ns1:To>http://www.gestionealbergo.com/ws/ota</ns1:To>

   <ns1:From>

     <Address>http://schemas.xmlsoap.org/ws/2004/12/addressing/role/anonymous</Address>

   </ns1:From>
```

```
    <ns1:RelatesTo RelationshipType = "ns1:Reply">uuid:712e7f5b-8353-d6b9-1531-
b27d5a53f6d7</ns1:RelatesTo>

    <ns1:Action>http://www.aec-internet.it/booking_engine/int/gestione
albergo/OTA_ResRetrieveRS</ns1:Action>

  </SOAP-ENV:Header>

  <SOAP-ENV:Body>

    <ns2:OTA_HotelResNotifRS>

      <ns2:Success/>

    </ns2:OTA_HotelResNotifRS>

  </SOAP-ENV:Body>

</SOAP-ENV:Envelope>
```