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## Retrieve Rates and Availability

About:

This endpoint is used to request rate information for a specific hotel. A customer's chosen arrival date and departure date are provided in the request, and the endpoint returns the rooms that are available to book for this stay.

The same operation and request type (OTA\_HotelAvailRQ) is used for requesting room information and rates and availability information. See the "Retrieve Rooms" document for information on the former.

Sample request including HTTP header and SOAP envelope:

```
POST https://uat1api2.speedybooker.com/Service.svc HTTP/1.1
Content-Type: text/xml; charset=UTF-8
SOAPAction: "http://www.speedybooker.com/OTA_HotelAvailRQ"
Host: uat1api2.speedybooker.com
```

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
  <soapenv:Header/>
  <soapenv:Body>

    <OTA_HotelAvailRQ xmlns="http://www.opentravel.org/OTA/2003/05">

      <EchoToken>123</EchoToken>
      <TimeStamp>2017-11-10T16:46:19+10:00</TimeStamp>
      <Version>1.0</Version>

      <POS>
        <Source>
          <RequestorID Username="USERNAME" Password="PASSWORD"/>
        </Source>
      </POS>

      <AvailRequestSegments>
        <AvailRequestSegments>
          <AvailRequestSegment AvailReqType="Room">
            <HotelSearchCriteria>
              <Criterion>
```

```

        <StayDateRange Start="2017-10-20" End="2017-10-21"/>
        <HotelRef HotelCode="HOTELID"/>
    </Criterion>
</HotelSearchCriteria>
</AvailRequestSegment>
</AvailRequestSegments>
</AvailRequestSegments>

</OTA_HotelAvailRQ>

</soapenv:Body>
</soapenv:Envelope>

```

## Element Information

Element	Description	Single/Multiple
OTA_HotelAvailRQ	Root	Single
EchoToken	Unique ID for request	Single
Version	Always 1	Single
TimeStamp	Time of the transaction	Single
POS	Sender Information	Single
Source		Single
Requester ID	Sender Information	Single
Username	Username	Single
Password	Password	Single
AvailRequestSegment		Single
AvailReqType	Always room	Single
HotelRef	Information about the hotel	Single
HotelCode	The id for the required vendor	Single
StayDateRange	Date Information	Single
Start	Arrival date	Single
End	Departure date	Single

Sample response:

This is the response for a successful request

```

<s:Envelope xmlns:s="http://schemas.xmlsoap.org/soap/envelope/">
  <s:Body xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema">
    <OTA_HotelAvailIRS xmlns="http://www.opentravel.org/OTA/2003/05">
      <EchoToken>123</EchoToken>
      <RoomStays>
        <RoomStay>
          <RoomTypes>
            <RoomType RoomTypeCode="28" NumberOfUnits="15">
              <RoomDescription Name="Standard Single">
                <Text>
                  These rooms have a single bed and access to a shared
bathroom.

                  All bedrooms are equipped with the following
facilities; ensuite bathroom,
                  tea & coffee making facilities, desk with work
space & mirror,
                  direct dial telephone, hairdryer, flat screen
television and free Wi-Fi throughout the hotel.
                </Text>
              </RoomDescription>
            </RoomType>
          </RoomTypes>
        </RoomStay>
      </RoomStays>
    </OTA_HotelAvailIRS>
  </s:Body>
</s:Envelope>

```

(100 spaces). In addition guests can enjoy free on-site car parking

```

    </Text>
  </RoomDescription>
</RoomType>
</RoomTypes>
<RoomRates>
  <RoomRate xmlns="">
    <Rates>
      <Rate>
        <Base CurrencyCode="GBP" AmountAfterTax="250.00"/>
      </Rate>
    </Rates>
  </RoomRate>
</RoomRates>
</RoomStay>
<RoomStay>
  <RoomTypes>
    <RoomType RoomTypeCode="3472" NumberOfUnits="10">
      <RoomDescription Name="Double ensuite">
        <Text>

```

These rooms have a double bed and ensuite bathroom.

All bedrooms are equipped with the following facilities; ensuite bathroom, tea & coffee making facilities, desk with work space & mirror,

direct dial telephone, hairdryer, flat screen television and free Wi-Fi throughout the hotel.

In addition guests can enjoy free on-site car parking (100 spaces).

```

    </Text>
  </RoomDescription>
</RoomType>
</RoomTypes>
<RoomRates>
  <RoomRate xmlns="">
    <Rates>
      <Rate>
        <Base CurrencyCode="GBP" AmountAfterTax="375.00"/>
      </Rate>
    </Rates>
  </RoomRate>
</RoomRates>
</RoomStay>
</RoomStays>
<TimeStamp>2017-11-10T16:46:20.7530481+00:00</TimeStamp>
<Version>1.0</Version>
</OTA_HotelAvailRS>
</s:Body>
</s:Envelope>

```

Element	Description	Single/Multiple
OTA_HotelAvailRS	Root	Single
EchoToken	Unique ID from request	Single
Version	Always 1	Single
TimeStamp	Time of the transaction	Single
Success		Single
RoomStay	Base for room/rate information	Multiple

RoomType	Base for room information	Single
RoomTypeCode	The code for the room	Single
NumberOfUnits	Number of available rooms of this type	Single
RoomDescription	Information about the room	Single
Name	Text name of the room	Single
Text	Plain text information for the room	Single
RoomRates	Base info for rates	Single
Rates	SB will only send a single rate	
Rate		
Base		
CurrencyCode	Currency code for room	Single
AmountAfterTax	Full amount for the room	Single

Sample Error response:

```
<s:Envelope xmlns:s="http://schemas.xmlsoap.org/soap/envelope/">
  <s:Body xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema">
    <OTA_HotelAvailRS xmlns="http://www.opentravel.org/OTA/2003/05">
      <EchoToken>123</EchoToken>
      <Errors>
        <Error Type="392" Code="6">username/password do not match</Error>
      </Errors>
      <TimeStamp>2017-10-31T17:25:27.5614367+00:00</TimeStamp>
      <Version>1.0</Version>
    </OTA_HotelAvailRS>
  </s:Body>
</s:Envelope>
```

Element	Description	Single/Multiple
OTA_HotelAvailRS	Root	Single
EchoToken	Unique ID for request	Single
Version	Always 1	Single
TimeStamp	Time of the transaction	Single
Error	Indicates an error. Contains plain text description of the error	Multiple
Type	Indicates the type of error	Single
Code	Specific error code	Single

### Notes

A hotel identified by a HotelRef has multiple room types.

For the purpose of this method, a RoomStay element includes only a single room type, so the room rate only applies to the one room type.

Only one room rate is returned for each room type.

API URLs given in this document are for the test environment. For the live environment replace “uat1api2” with “api2”.

See the “Retrieve Rooms” document for example code for calling the API.