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## Inventory Push

About:

The endpoint is used for partners to update vendor availability via the SpeedyBooker API. The partner feeds through availability and rates for rooms and this propagates through to the SB database.

Sample RQ:

```
<ns:OTA_HotelAvailNotifRQ>
  <ns:EchoToken>12345</ns:EchoToken>
  <ns:TimeStamp>16/05/2016 10:26:19 PM</ns:TimeStamp>
  <ns:Version>1.0</ns:Version>
  <ns:POS>
    <ns:Source>
      <ns:RequestorID Username="USERNAME" Password="PASSWORDE"/>
    </ns:Source>
  </ns:POS>
  <ns:AvailStatusMessages HotelCode="HOTELCODE">
    <ns:AvailStatusMessage>
      <ns:BookingLimit>10</ns:BookingLimit>
      <ns:BestAvailableRates>
        <ns:BestAvailableRate>
          <ns:Amount>5000</ns:Amount>
          <ns:CurrencyCode>GBP</ns:CurrencyCode>
          <ns:decimalPlace>2</ns:decimalPlace>
        </ns:BestAvailableRate>
      </ns:BestAvailableRates>
    </ns:AvailStatusMessage>
  </ns:AvailStatusMessages>
</ns:OTA_HotelAvailNotifRQ>
```

Our booking engine powers over 300 websites that are members of the SpeedyBooker Network including [University Rooms](#) | [BritainsFinest](#) | [HistoricBritain](#) | [HostelHunter](#) | [Bed&Breakfasts](#) | [CheapHostels](#) and a host of University, B&B and hostel websites.

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```

    </ns:BestAvailableRate>
  </ns:BestAvailableRates>
  <ns:StatusApplicationControl Start="2016-05-20" End="2016-05-21"
InvTypeCode="12553" />
  </ns:AvailStatusMessage>
</ns:AvailStatusMessages>
</ns:OTA_HotelAvailNotifRQ>

```

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	SB Username	Single
Password	SB Password	Single
AvailStatusMessages		Multiple
HotelCode	The id for the required vendor	Single
AvailStatusMessage		
BookingLimit	Number of rooms available	Single
BestAvailableRate		
Amount	Price for the room on this night, with no decimal	Single
CurrencyCode	Three digit currency code	Single
DecimalPlaces	Always 2	Single
StatusApplicationControl	The room and date information for the update	Multiple
Start	The start date for the inventory update	Single
End	The end date for the inventory update	Single
InvTypeCode	The room id	Single

### Sample RS:

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```
<OTA_HotelAvailNotifRS xmlns="http://www.opentravel.org/OTA/2003/05">
  <EchoToken>12345</EchoToken>
  <Success/>
  <TimeStamp>16/05/2016 10:26:19 PM</TimeStamp>
  <Version>1.0</Version>
</OTA_HotelAvailNotifRS>
```

The response returns nothing except success if the update was successful. Otherwise it will contain error information, as below

Sample Error RS:

```
<OTA_HotelAvailRS Version="1.0" TimeStamp="06/05/2015 16:05:19"
EchoToken="abc123" xmlns="http://www.opentravel.org/OTA/2003/05">
  <Errors>
    <Error Type="392" Code="6">Incorrect Username or Password</Error>
  </Errors>
</OTA_HotelAvailRS>
```

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 of the error	Multiple
Type	Indicates the type of error	Single
Code	Specific error code	Single

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