

System Scope Document for: -

Client Based XML Interface Item Price And Availability Searches

Version: 2.3.

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1. Introduction

1.1 Overview

It is intended to make the GTA search and booking facilities available to registered clients through an XML based interface.

To achieve this an Application Programming Interface (API) will be provided to allow various types of client systems to integrate with the GTA system using a set of published XML messages defined using the XML Schema standards.

1.2 Purpose of this document

The purpose of this document is to outline the search request and response messages that will be made available through the API.

1.3 The API Architecture document

Please refer to the API Architecture document for details on common XML message processing including message authentication and message modes.

1.4 Static data

Please refer to the Static Data document for details of XML messages for retrieving static data from GTA (e.g. hotel codes).

2. Search

2.1 Overview

Clients of the CBS API will currently be able to search on hotel rooms, apartments and sightseeing tours. For each of these requests they will need to supply the search criteria as explained later in the document and expect to receive a response containing details of the available items.

2.2 Search Requests

The API will process the following price and/or allotment search requests: -

- SearchHotelPriceRequest – search for availability & prices for hotels/hotel rooms.
- SearchHotelPricePaxRequest – search for availability and prices for hotels/hotel rooms based on number of passengers per room.
- SearchApartmentPriceRequest – search for availability & prices for available units within an apartment complex.
- SearchSightseeingPriceRequest – search for availability & prices for sightseeing tours.
- SearchTransferPriceRequest – search for availability & prices for transfers.
- SearchHotelAvailabilityRequest – search for availability for hotels/hotel rooms.
- SearchHotelRoomsPriceRequest – search for availability & prices for all hotels/hotel room type.
- HotelPriceBreakdownRequest – Search for the HotelPriceBreakdown.
- ApartmentPriceBreakdown – Search for the ApartmentPriceBreakdown.
- SightseeingPriceBreakdown – Search for the SightseeingPriceBreakdown.

2.3 Search Responses

There will be a corresponding search response for each of the search requests listed above: -

- SearchHotelPriceResponse – A list of hotels with available rooms.
- SearchHotelPricePaxResponse – A list of hotels with available rooms which address the number of passengers per room requested
- SearchApartmentPriceResponse – A list of apartment complexes with available units.
- SearchSightseeingPriceResponse – A list of available sightseeing events.
- SearchTransferPriceResponse – A list of available transfers.

- SearchHotelAvailabilityResponse – A list of hotels/hotel rooms, indicating the dates they are available and the dates they are unavailable.
- SearchHotelRoomsPriceResponse – A list with the pr availability & prices for all hotels/hotel room type
- HotelPriceBreakdownResponse – A list of HotelPriceBreakdown per room per night.
- ApartmentPriceBreakdownResponse– A list of the ApartmentPriceBreakdown per night.
- SightseeingPriceBreakdownResponse– A list of the SightseeingPriceBreakdown per night.

Please refer to the API Architecture document and the Response section in this document for a more detailed explanation.

3. Search Hotel Price

3.1 Overview

The Search Hotel Price provides the client with the ability to search for and price available hotel rooms through the API. All requests will need to be sent in a SYNCHRONOUS mode; any requests send in an ASYNCHRONOUS will return incorrect prices or an error.

3.2 Example XML Search Hotel Price request

The XML message below gives a sample of the expected elements needed by the API to execute a Search Hotel Price Request.

```
<?xml version="1.0" encoding="UTF-8" ?>
<Request>
  <Source>
    <RequestorID Client="1479" EMailAddress="client@net.com" Password="xxx" />
    <RequestorPreferences Language="en" Currency="GBP" Country="GB">
      <RequestMode>SYNCHRONOUS</RequestMode>
    </RequestorPreferences>
  </Source>
  <RequestDetails>
    <SearchHotelPriceRequest>
      <ItemDestination DestinationType="city" DestinationCode="AMS" />
      <ImmediateConfirmationOnly />
      <PeriodOfStay>
        <CheckInDate>2003-09-30</CheckInDate>
        <Duration>4</Duration>
      </PeriodOfStay>
      <IncludeRecommended/>
      <IncludePriceBreakdown/>
      <IncludeChargeConditions/>
      <ExcludeChargeableItems>
        <CancellationDeadlineHours>72</CancellationDeadlineHours>
      </ExcludeChargeableItems>
      <Rooms>
        <Room Code="DB" NumberOfRooms="1">
          <ExtraBeds>
            <Age>5</Age>
          </ExtraBeds>
        </Room>
        <Room Code="TB" NumberOfCots="2">
          <ExtraBeds>
            <Age>10</Age>
          </ExtraBeds>
        </Room>
        <Room Code="SB" />
      </Rooms>
      <StarRating MinimumRating="true">3</StarRating>
      <LocationCode>G1</LocationCode>
      <FacilityCodes>
        <FacilityCode>*AC</FacilityCode>
        <FacilityCode>*LS</FacilityCode>
      </FacilityCodes>
      <OrderBy>pricelowtohigh</OrderBy>
      <NumberOfReturnedItems>10</NumberOfReturnedItems>
    </SearchHotelPriceRequest>
  </RequestDetails>
</Request>
```

Table 1. Hotel price search request at city level

```

<?xml version="1.0" encoding="UTF-8" ?>
<Request>
  <Source>
    <RequestorID Client="1479" EMailAddress="client@net.com" Password="xxx" />
    <RequestorPreferences Language="en" Currency="GBP" Country="GB">
      <RequestMode>SYNCHRONOUS</RequestMode>
    </RequestorPreferences>
  </Source>
  <RequestDetails>
    <SearchHotelPriceRequest>
      <ItemDestination
        DestinationType="geocode"
        Latitude="35.009118"
        Longitude="135.788068"
        RadiusKm="5"/>
      <ImmediateConfirmationOnly />
      <PeriodOfStay>
        <CheckInDate>2003-09-30</CheckInDate>
        <Duration>4</Duration>
      </PeriodOfStay>
      <IncludeRecommended/>
      <IncludePriceBreakdown/>
      <IncludeChargeConditions/>
      <Rooms>
        <Room Code="DB" NumberOfRooms="1">
          <ExtraBeds>
            <Age>5</Age>
          </ExtraBeds>
        </Room>
        <Room Code="TB" NumberOfCots="2">
          <ExtraBeds>
            <Age>10</Age>
          </ExtraBeds>
        </Room>
        <Room Code="SB" />
      </Rooms>
      <StarRating MinimumRating="true">3</StarRating>
      <LocationCode>G1</LocationCode>
      <FacilityCodes>
        <FacilityCode>*AC</FacilityCode>
        <FacilityCode>*LS</FacilityCode>
      </FacilityCodes>
      <OrderBy>pricelowtohigh</OrderBy>
      <NumberOfReturnedItems>10</NumberOfReturnedItems>
    </SearchHotelPriceRequest>
  </RequestDetails>
</Request>

```

Table 1.b. Hotel price search request by geocode

```

<?xml version="1.0" encoding="UTF-8" ?>
<Request>
  <Source>
    <RequestorID Client="1479" EMailAddress="client@net.com" Password="xxx" />
    <RequestorPreferences Language="en" Currency="GBP" Country="GB">
      <RequestMode>SYNCHRONOUS</RequestMode>
    </RequestorPreferences>
  </Source>
  <RequestDetails>
    <SearchHotelPriceRequest>
      <ItemDestination
        DestinationType="geocode"
        WestLongitude="-0.92"
        SouthLatitude="51.52"
        EastLongitude="-0.1"
        NorthLatitude="51.53"/>
      <ImmediateConfirmationOnly />
      <PeriodOfStay>
        <CheckInDate>2003-09-30</CheckInDate>
        <Duration>4</Duration>
      </PeriodOfStay>
    </SearchHotelPriceRequest>
  </RequestDetails>
</Request>

```

```

<IncludeRecommended/>
<IncludePriceBreakdown/>
<IncludeChargeConditions/>
<ExcludeChargeableItems>
  <CancellationDeadlineDays>14</CancellationDeadlineDays>
</ExcludeChargeableItems>
<Rooms>
  <Room Code="DB" NumberOfRooms="1">
    <ExtraBeds>
      <Age>5</Age>
    </ExtraBeds>
  </Room>
  <Room Code="TB" NumberOfCots="2">
    <ExtraBeds>
      <Age>10</Age>
    </ExtraBeds>
  </Room>
  <Room Code="SB" />
</Rooms>
<StarRating MinimumRating="true">3</StarRating>
<LocationCode>G1</LocationCode>
<FacilityCodes>
  <FacilityCode>*AC</FacilityCode>
  <FacilityCode>*LS</FacilityCode>
</FacilityCodes>
<OrderBy>pricelowtohigh</OrderBy>
<NumberOfReturnedItems>10</NumberOfReturnedItems>
</SearchHotelPriceRequest>
</RequestDetails>
</Request>

```

Table 1.c. Hotel price search request by bounding box

```

<?xml version="1.0" encoding="UTF-8" ?>
<Request>
  <Source>
    <RequestorID Client="1479" EMailAddress="client@net.com" Password="xxx" />
    <RequestorPreferences Language="en" Currency="GBP" Country="GB">
      <RequestMode>SYNCHRONOUS</RequestMode>
    </RequestorPreferences>
  </Source>
  <RequestDetails>
    <SearchHotelPriceRequest>
      <ItemDestination DestinationType="city" DestinationCode="AMS" />
      <ItemCodes>
        <ItemCode>ACO</ItemCode>
        <ItemCode>BEL</ItemCode>
        <ItemCode>COM</ItemCode>
      </ItemCodes>
      <PeriodOfStay>
        <CheckInDate>2003-09-30</CheckInDate>
        <Duration>4</Duration>
      </PeriodOfStay>
      <IncludeRecommended/>
      <IncludePriceBreakdown/>
      <IncludeChargeConditions/>
      <ExcludeChargeableItems>
        <CancellationDeadlineHours>72</CancellationDeadlineHours>
      </ExcludeChargeableItems>
      <Rooms>
        <Room Code="DB" NumberOfRooms="1">
          <ExtraBeds>
            <Age>5</Age>
          </ExtraBeds>
        </Room>
        <Room Code="TB" NumberOfCots="2">
          <ExtraBeds>
            <Age>10</Age>
          </ExtraBeds>
        </Room>
        <Room Code="SB" />
      </Rooms>
    </SearchHotelPriceRequest>
  </RequestDetails>
</Request>

```

```
</RequestDetails>  
</Request>
```

Table 2.d. Hotel price search request for multiple item codes

3.2.1 Source parameters

Please refer to the API Architecture document.

3.2.2 Search Hotel Price attributes/parameters

A Search Hotel Price request can contain attributes/parameters to filter the hotels returned.

The request can contain the following attributes/parameters:

Parameters	Description	
ItemDestination	Mandatory. Used to return all items within the specified destination type (“area”, “city” “geocode”) and destination code.	
ImmediateConfirmationOnly	Optional. If present the response will contain results available only for immediate confirmation.	
	Attribute	Description
	DestinationCode	Mandatory. Define the GTA city or area code when destination type is “city” or “area”
	Latitude	Mandatory in conjunction with Longitude and RadiusKM when destination type is “geocode”.
	Longitude	Mandatory in conjunction with Latitude and RadiusKM when destination type is “geocode”.
	RadiusKm	Mandatory in conjunction with Longitude and Latitude when destination type is “geocode”. Defines the area around the geocode to form a virtual circle in Kilometers. Value can be 0 to 100.
	WestLongitude	Mandatory in conjunction with SouthLatitude, EastLongitude and NorthLatitude when destination type is “geocode”.
	SouthLatitude	Mandatory in conjunction with WestLongitude, EastLongitude and NorthLatitude when destination type is “geocode”.

	EastLongitude	Mandatory in conjunction with WestLongitude, SouthLatitude and NorthLatitude when destination type is "geocode".
	NorthLatitude	Mandatory in conjunction with WestLongitude, SouthLatitude and EastLongitude when destination type is "geocode".
ItemName	Optional. If specified all items containing the given characters will be returned. Note: Item names are not case sensitive.	
ItemCodes	Optional. A collection of one or more ItemCode parameters.	
ItemCode	Optional. If specified, the details for the single code will be returned. Please remember that GTA uses item codes that are unique only in conjunction with the city codes.	
PeriodOfStay	Mandatory. Defines the check-in day and either the check-out day or the duration of stay.	
IncludeRecommended	Optional. If specified GTA recommended hotels will be indicated.	
RecommendedOnly	Optional. If specified only GTA recommended hotels will be returned.	
IncludePriceBreakdown	Optional. If specified the price breakdown information will be returned for each room category within an item. This parameter will only be available for clients on participation level 2 or above.	
IncludeChargeConditions	Optional. If specified the charge conditions will be returned.	
	Attribute	Description
	DateFormatResponse	If set to "true", the charge conditions will be returned in date format; if not specified the charge conditions will be returned in days prior to arrival format.
ExcludeChargeableItems	Optional. If specified, the response will exclude the properties that are within the <CancellationDeadlineHours> or <CancellationDeadlineDays> from arrival. This parameter will only be available for clients on participation level 2 or above.	
Rooms	Mandatory. A list of the requested hotel rooms, with information on the number of rooms, the number of cots and the ages of any extra	

	children staying in.	
StarRating	Optional. Defines the star rating of the hotel. A match or a minimum value can be specified.	
	Attribute	Description
	MinimumRating	If set to "true" it will return all hotels for the specified star rating and higher. If set to "false" or omitted will return all hotels for the specified star rating only.
LocationCode	Optional. Used to return all items within the specified location code.	
FacilityCodes	Optional. A list of <FacilityCode> elements specifying requested facilities at the hotel, e.g. swimming pool, tennis courts etc.	
OrderBy	Optional. If specified ("pricelowtohigh" or "pricehightolow") all items will be returned in the chosen order. If not specified all items will be returned in alphabetical item code order.	
NumberOfReturnedItems	Optional. If specified only the number of items requested will be returned. Normally that would be the first x number of items returned in alphabetical code order, but if this parameter is used in conjunction with the <OrderBy> parameter only the cheapest x items or the most expensive x items will be returned.	

3.2.3 ExcludeChargeableItems parameter

The client can request to exclude from the response all the properties that are within the <CancellationDeadlineHours> or <CancellationDeadlineDays> specified in the SearchHotelPriceRequest. These two parameters cannot work in conjunction.

An example of a < ExcludeChargeableItems> is shown below:

```
<ExcludeChargeableItems>
  <CancellationDeadlineDays>5</CancellationDeadlineDays>
</ExcludeChargeableItems>
```

3.2.4 Rooms parameter

The client can request a number of rooms through the <Rooms> element. The latter is made up of a list of <Room> sub-elements, one element for each different requested room type.

An example of a <Room> element, for one double room with one extra cot and an extra child bed, is shown below:

```
<Room Code="DB" NumberOfRooms="1" NumberOfCots="1">
  <ExtraBeds>
    <Age>5</Age>
  </ExtraBeds>
```

The <Room> element can contain an Id attribute which is used to specify the room category. This is an optional attribute and is dependent on the client's Participation Level: -

- Participation Level – None
Must not be entered.
- Participation Level – 1
Optional.
- Participation Level – 2.
Optional.

The Id attribute can only be used in conjunction with DestinationType = "city" and not with DestinationType = "area"

```
<?xml version="1.0" encoding="UTF-8" ?>
<Request>
  <Source>
    <RequestorID Client="1479" EMailAddress="client@net.com" Password="xxx" />
    <RequestorPreferences Language="en" Currency="GBP" Country="GB">
      <RequestMode>SYNCHRONOUS</RequestMode>
    </RequestorPreferences>
  </Source>
  <RequestDetails>
    <SearchHotelPriceRequest>
      <ItemDestination DestinationType="city" DestinationCode="AMS" />
      <ImmediateConfirmationOnly/>
      <ItemCode>ACO</ItemCode>
      <PeriodOfStay>
        <CheckInDate>2003-09-30</CheckInDate>
        <Duration>4</Duration>
      </PeriodOfStay>
      <IncludeRecommended/>
      <IncludePriceBreakdown/>
      <Rooms>
        <Room Code="DB" Id="001:ACO:29302:S30665:47301:148086" NumberOfRooms="1" />
      </Rooms>
      <StarRating MinimumRating="true">3</StarRating>
      <LocationCode>G1</LocationCode>
      <FacilityCodes>
        <FacilityCode>*AC</FacilityCode>
        <FacilityCode>*LS</FacilityCode>
      </FacilityCodes>
      <OrderBy>pricelowtohigh</OrderBy>
      <NumberOfReturnedItems>10</NumberOfReturnedItems>
    </SearchHotelPriceRequest>
  </RequestDetails>
</Request>
```

Table 2. Hotel price search request. (Participation Level 1/2 or above)

3.2.5 StarRatingRange parameter

The client can request the StarRatingRange parameter instead of the StarRating parameter. These two parameters cannot work in conjunction.

An example of a <StarRatingRange> is shown below:

```
<StarRatingRange>
  <Min>1</Min>
  <Max>3</Max>
</StarRatingRange>
```

3.3 Example XML Search Hotel Price response

The XML message below gives a sample of that given by the API in response to a Search Hotel Price Request.

```
<?xml version="1.0" encoding="UTF-8" ?>
<Response ResponseReference="1479_1203_TOKEN">
  <ResponseDetails Language="en">
    <SearchHotelPriceResponse>
      <HotelDetails>
        <Hotel HasExtraInfo="true" HasMap="true" HasPictures="true"
          Recommended = "true">
          <City Code="AMS"><![CDATA[ Amsterdam ]]></City>
          <Item Code="AME"><![CDATA[ AMERICAN ]]></Item>
          <LocationDetails>
            <Location Code="G1"><![CDATA[ Central ]]></Location>
          </LocationDetails>
          <StarRating>5</StarRating>
          <Meals>
            <Basis Code="B"><![CDATA[ breakfast ]]> </Basis>
            <Breakfast Code="H"><![CDATA[ Hot Buffet ]]> </Breakfast>
          </Meals>
          <ItemPrice Currency="GBP">2185.00</ItemPrice>
          <Confirmation Code="IM"><![CDATA[ AVAILABLE ]]></Confirmation>
          <EssentialInformation>
            <Information>
              <Text><![CDATA[Complimentary dinner provided. ]]></Text>
              <DateRange>
                <FromDate>0001-01-01</FromDate>
                <ToDate>9999-12-31</ToDate>
              </DateRange>
            </Information>
          </EssentialInformation>
        </Hotel>
      </HotelDetails>
    </SearchHotelPriceResponse>
  </ResponseDetails>
</Response>
```

Table 3a. Hotel price search response – flat structure (no Participation Level).

```
<?xml version="1.0" encoding="UTF-8" ?>
<Response ResponseReference="1479_1203_TOKEN">
  <ResponseDetails Language="en">
    <SearchHotelPriceResponse>
      <HotelDetails>
        <Hotel HasExtraInfo="true" HasMap="true" HasPictures="true"
          Recommended = "true">
          <City Code="AMS"><![CDATA[ Amsterdam ]]></City>
          <Item Code="AME"><![CDATA[ AMERICAN ]]></Item>
          <LocationDetails>
            <Location Code="G1"><![CDATA[ Central ]]></Location>
          </LocationDetails>
          <StarRating>5</StarRating>
          <HotelRooms>
            <HotelRoom Code="TB"
              Id="001:AME"
              NumberOfRooms="1"
              ExtraBed="true"
              SharingBedding="false"/>
          </HotelRooms>
          <Meals>
            <Basis Code="B"><![CDATA[ breakfast ]]> </Basis>
            <Breakfast Code="H"><![CDATA[ Hot Buffet ]]> </Breakfast>
          </Meals>
          <ItemPrice Currency="GBP">2185.00</ItemPrice>
          <Confirmation Code="IM"><![CDATA[ AVAILABLE ]]></Confirmation>
          <EssentialInformation>
            <Information>
              <Text><![CDATA[Complimentary dinner provided. ]]></Text>
              <DateRange>
                <FromDate>0001-01-01</FromDate>
                <ToDate>9999-12-31</ToDate>
              </DateRange>
            </Information>
          </EssentialInformation>
        </Hotel>
      </HotelDetails>
    </SearchHotelPriceResponse>
  </ResponseDetails>
</Response>
```



```

    </Information>
  </EssentialInformation>
</Hotel>
</HotelDetails>
</SearchHotelPriceResponse>
</ResponseDetails>
</Response>

```

Table 4b. Hotel price search response – flat structure with Id attribute (Participation Level 1).

```

<HotelDetails>
  <Hotel HasExtraInfo="true" HasMap="true" HasPictures="true">
    <City Code="PAR"><![CDATA[Paris]]></City>
    <Item Code="HAU"><![CDATA[HAUTEVILLE OPERA]]></Item>
    <LocationDetails>
      <Location Code="G1"><![CDATA[Central]]></Location>
      <Location Code="29"><![CDATA[Gare du Nord/Gare de l'Est/St Lazare]]></Location>
      <Location Code="09"><![CDATA[09e Arrondissement]]></Location>
    </LocationDetails>
    <StarRating>3</StarRating>
    <HotelRooms>
      <HotelRoom Code="TB" NumberOfRooms="1" ExtraBed="true"/>
    </HotelRooms>
    <RoomCategories>
      <RoomCategory Id="002:HILTON:HL:04988:AHD:GTA:A05">
        <Description><![CDATA[Queen Deluxe]]></Description>
        <ItemPrice Currency="GBP"
          CommissionIndicator="LOW"
          NoOfferDiscount="true"
          RSP="597.50">589.25</ItemPrice>
        <Confirmation Code="IM"><![CDATA[AVAILABLE]]></Confirmation>
        <SharingBedding>true</SharingBedding>
        <Meals>
          <Basis Code="N"><![CDATA[Room only]]></Basis>
        </Meals>
      </RoomCategory>
      <RoomCategory Id="002:HILTON:HL:04988:AHD:GTA:A0M">
        <Description><![CDATA[Junior Suite]]></Description>
        <ItemPrice Currency="GBP"
          CommissionIndicator="HIGH"
          NoOfferDiscount="true">988.25</ItemPrice>
        <Confirmation Code="IM"><![CDATA[AVAILABLE]]></Confirmation>
        <SharingBedding>false</SharingBedding>
        <Meals>
          <Basis Code="N"><![CDATA[Room only]]></Basis>
        </Meals>
      </RoomCategory>
      <RoomCategory Id="002:HILTON:HL:04988:AHD:GTA:A06">
        <Description><![CDATA[King Executive]]></Description>
        <ItemPrice Currency="GBP"
          CommissionIndicator="STD"
          NoOfferDiscount="true">846.25</ItemPrice>
        <Confirmation Code="IM"><![CDATA[AVAILABLE]]></Confirmation>
        <SharingBedding>true</SharingBedding>
        <Meals>
          <Basis Code="N"><![CDATA[Room only]]></Basis>
        </Meals>
      </RoomCategory>
    </RoomCategories>
  </Hotel>
</HotelDetails>

```

Table 3c. Hotel price search response – With room categories (Participation Level 2 or above).

```

<HotelDetails>
  <Hotel HasExtraInfo="true" HasMap="true" HasPictures="true">
    <City Code="PAR"><![CDATA[Paris]]></City>
    <Item Code="HAU"><![CDATA[HAUTEVILLE OPERA]]></Item>
    <LocationDetails>
      <Location Code="G1"><![CDATA[Central]]></Location>

```

```

</LocationDetails>
<StarRating>3</StarRating>
<HotelRooms>
  <HotelRoom Code="TB" NumberOfRooms="1" ExtraBed="true"/>
</HotelRooms>
<RoomCategories>
  <RoomCategory Id="002:HILTON:HL:04988:AHD:GTA:A05">
    <Description><![CDATA[Queen Deluxe]]></Description>
    <ItemPrice Currency="GBP"
      CommissionIndicator="HIGH"
      NoOfferDiscount="true">589.25</ItemPrice>
    <Confirmation Code="IM"><![CDATA[AVAILABLE]]></Confirmation>
    <SharingBedding>true</SharingBedding>
    <Meals>
      <Basis Code="N"><![CDATA[Room only]]></Basis>
    </Meals>
    <EssentialInformation>
      <Information>
        <Text>
          <![CDATA[Complimentary 5 course dinner provided.]]>
        </Text>
        <DateRange>
          <FromDate>0001-01-01</FromDate>
          <ToDate>9999-12-31</ToDate>
        </DateRange>
      </Information>
    </EssentialInformation>
  </RoomCategory>
  <RoomCategory Id="002:HILTON:HL:04988:AHD:GTA:A0M">
    <Description><![CDATA[Junior Suite]]></Description>
    <ItemPrice Currency="GBP"
      CommissionIndicator="LOW"
      NoOfferDiscount="true">988.25</ItemPrice>
    <Confirmation Code="IM"><![CDATA[AVAILABLE]]></Confirmation>
    <SharingBedding>>false</SharingBedding>
    <Meals>
      <Basis Code="N"><![CDATA[Room only]]></Basis>
    </Meals>
    <EssentialInformation>
      <Information>
        <Text><![CDATA[Free upgrade from Junior Suite to
Executive Suite.]]></Text>
        <DateRange>
          <FromDate>2014-02-01</FromDate>
          <ToDate>2014-02-28</ToDate>
        </DateRange>
      </Information>
    </EssentialInformation>
  </RoomCategory>
  <RoomCategory Id="002:HILTON:HL:04988:AHD:GTA:A06">
    <Description><![CDATA[King Executive]]></Description>
    <ItemPrice Currency="GBP"
      CommissionIndicator="STD"
      NoOfferDiscount="true">846.25</ItemPrice>
    <Confirmation Code="IM"><![CDATA[AVAILABLE]]></Confirmation>
    <SharingBedding>true</SharingBedding>
    <Meals>
      <Basis Code="N"><![CDATA[Room only]]></Basis>
    </Meals>
  </RoomCategory>
</RoomCategories>
</Hotel>
</HotelDetails>

```

Table 3d. Hotel price search response – With room categories (Participation Level 2 or above) and Essential Information

```

<HotelDetails>
  <Hotel HasExtraInfo="true" HasMap="true" HasPictures="true">
    <City Code="LON"><![CDATA[London]]></City>
    <Item Code="ABC"><![CDATA[ABCONE]]></Item>
  </Hotel>
</HotelDetails>

```

```

<LocationDetails>
  <Location Code="G1"><![CDATA[Central]]></Location>
</LocationDetails>
<StarRating>3</StarRating>
<HotelRooms>
  <HotelRoom Code="DB" NumberOfRooms="1"/>
</HotelRooms>
<RoomCategories>
  <RoomCategory Id="001:ABC:29302:S30665:47301:148086">
    <Description><![CDATA[Standard]]></Description>
    <ItemPrice CommissionIndicator="STD" Currency="GBP"
CommissionPercentage="10.0">283.50</ItemPrice>
    <Confirmation Code="IM"><![CDATA[AVAILABLE]]></Confirmation>
    <SharingBedding>true</SharingBedding>

    <Meals>
      <Basis Code="B"><![CDATA[Breakfast Included]]></Basis>
      <Breakfast Code="C"><![CDATA[Continental]]></Breakfast>
    </Meals>

    <HotelRoomPrices>
      <HotelRoom Code="DB">
        <RoomPrice Gross="283.50">
          <PriceRanges>
            <PriceRange>
              <DateRange>
                <FromDate>2009-10-01</FromDate>
                <ToDate>2009-10-03</ToDate>
              </DateRange>
              <Price Gross="94.50" Nights="3"/>
            </PriceRange>
          </PriceRanges>
        </HotelRoom>
      </HotelRoomPrices>
    </RoomCategory>
  </RoomCategories>
</Hotel>
</HotelDetails>

```

Table 4c. Hotel price search response – With room categories (Participation Level 2 or above) and including price breakdown information

```

<HotelDetails>
  <Hotel HasExtraInfo="true" HasMap="true" HasPictures="true">
    <City Code="LON"><![CDATA[London]]></City>
    <Item Code="ADM"><![CDATA[Admiral]]></Item>
    <LocationDetails>
      <Location Code="G1"><![CDATA[Central]]></Location>
    </LocationDetails>
    <StarRating>5</StarRating>
    <HotelRooms>
      <HotelRoom Code="DB" NumberOfRooms="1"/>
    </HotelRooms>
    <RoomCategories>
      <RoomCategory Id="001:ADM2:4740:S2111:3274:7928">
        <Description><![CDATA[Deluxe Room Ocean View]]></Description>
        <ItemPrice CommissionIndicator="STD" Currency="GBP"
CommissionPercentage="10.0">283.50</ItemPrice>
        <Confirmation Code="IM"><![CDATA[AVAILABLE]]></Confirmation>
        <SharingBedding>true</SharingBedding>

        <Meals>
          <Basis Code="B"><![CDATA[Breakfast Included]]></Basis>
          <Breakfast Code="C"><![CDATA[Continental]]></Breakfast>
        </Meals>

        <HotelRoomPrices>
          <HotelRoom Code="DB">
            <RoomPrice Gross="283.50">
              <PriceRanges>
                <PriceRange>
                  <DateRange>
                    <FromDate>2009-10-01</FromDate>
                    <ToDate>2009-10-03</ToDate>

```

```

        </DateRange>
        <Price Gross="94.50" Nights="3"/>
        <PriceRange>
        <PriceRanges>
        <HotelRoom>
        <HotelRoomPrices>
        <ChargeConditions>
        <ChargeCondition Type="cancellation">
        <Condition Charge="true"
            ChargeAmount="283.50">
            Currency="GBP"
            FromDate="2009-10-01"
            ToDate="2009-10-01"
        <Condition Charge="false" FromDate="2009-10-02"/>
        </ChargeCondition>
        <ChargeCondition Type="amendment">
        <Condition Allowable="false"
            FromDate="2009-10-01"
            ToDate="2009-10-03"
        </Condition>
        <Condition Charge="true"
            ChargeAmount = "94.5"
            Currency="GBP"
            FromDate="2009-10-01"
            ToDate="2009-10-01"
        </Condition Charge = "false" FromDate="2009-10-02"/>
        </ChargeCondition>
        <PassengerNameChange Allowable="true"
        </ChargeConditions>
        </RoomCategory>
        </RoomCategories>
    </Hotel>
</HotelDetails>

```

Table 5c. Hotel price search response – With room categories (Participation Level 2 or above) and including charge conditions

3.3.1 Search Hotel Price response parameters

The <HotelDetails> element can have zero or more <Hotel> sub-elements. Each <Hotel> element can have the following attributes/parameters: -

Attribute	Description
HasExtraInfo	If set to 'true' there is a report available for the hotel that can be retrieved through a SearchItemInformationRequest.
HasMap	If set to 'true' a local map for the hotel is available that can be retrieved through a SearchItemInformationRequest or a SearchLinkRequest.
HasPictures	If set to 'true' there are pictures available for the hotel that can be retrieved through the a SearchItemInformationRequest or a SearchLinkRequest.
Recommended	If set to 'true' the hotel returned will be a GTA recommended hotel.

Parameter	Description	
City	The city name in the language requested (if available).	
	Attribute	Description
	Code	The unique city code held by GTA

Item	The item name.	
	Attribute	Description
	Code	The unique item code held by GTA, unique only in conjunction with the GTA city code.

LocationDetails	A list of locations held for the item (see below).
StarRating	The hotel's star rating.

HotelRooms	The hotel room code. Level 0: This is returned only if an extra bed or cot is within the request. Level 1 and above: Output	
	Attribute	Description
	Code	Room Code held by GTA.
	Id	Specifies the category of room. This is an optional attribute dependant on the client's Participation Level: - Level 0: Not output Level 1 and above: Output
	ExtraBed	If "true" a child will be accommodate in the room.
	NumberOfCots	Specifies the number of cots requested.
	NumberOfExtraBeds	Specifies the number of children requested.
	NumberOfRooms	Specifies the number of rooms requested.
	SharingBedding	Specifies if the child shares existing bedding. If "true" the child will be sharing existing bedding. If "false" the child will be provided with an extra bed.

The price related details includes the following either as a flat structure (below Participation Level 2) or as a list of <RoomCategory> sub-elements within a <RoomCategories> element: -

Id	Specifies the category of room.	
Description	Describes the room category.	
ItemPrice	The total price of the stay.	
	Attribute	Description
	Currency	The ISO currency code of the currency in which the ItemPrice, GrossWithoutDiscount price and the IncludedOfferDiscount are returned in.

CommissionIndicator	For clients receiving commissionable prices this indicates the level of commission given for a specific property. Can be "LOW", "STD" or "HIGH".
CommissionPercentage	The commission percentage applied to the item price.
NoOfferDiscount	If returned as "true" no discounts or free night offers apply.
IncludedOfferDiscount	The discount that is being applied to the gross price.
RSP	The Recommended Selling Price as advised by the hotel.

Confirmation	Whether the requested room(s) are available immediately or on request.	
	Attribute	Description
	Code	The unique code held by GTA (currently only 'IM' or 'OR')

SharingBedding	Specifies if the child shares existing bedding. If "true" the child will be sharing existing bedding. If "false" the child will be provided with an extra bed.
Meals	Describes the meal basis for the stay and the type of breakfast.

The price related details include the following if the parameter <IncludePriceBreakdown\> has been specified in the <SearchHotelPriceRequest>; this applies to Participation Level 2 or above only:

Parameter	Description	
HotelRoomPrices	A collection of one or more HotelRoom parameters.	
HotelRoom	Specifies price details for one or more room codes.	
	Attribute	Description
	Code	Specifies the GTA room code for the hotel.
RoomPrice	The price of the room code.	
	Gross	Indicates that the price is a gross price.
PriceRanges	A collection of one or more PriceRange parameters.	
PriceRange	A collection of one or more DateRange parameters.	
DateRange	The date range which the price is valid for.	
FromDate	Indicates which date the price is valid from.	
ToDate	Indicates which date the price is valid to.	

Price	Indicates the nightly price for the dates specified in the date range.	
	Gross	Indicates that the price is a gross price.
	Nights	Specifies the number of nights the price is applied for.

Offer	The offer name.	
	Attribute	Description
	Code	The unique offer code held by GTA

EssentialInformation	The collection of <Information> tags for the item.	
Information	Contains text and the date range it is applicable to	
Text	The essential information description. In the language requested (if available).	
DateRange	The FromDate and ToDate for the Essential Information.	

3.3.1.1 Charge Conditions parameters

If the parameter <IncludeChargeConditions/> has been specified in the <SearchHotelPriceRequest> the response will include the charge conditions; this applies to all participation levels.

Please refer to Specification document Booking 2.3 paragraphs 13.9.1 and 13.9.2 for the details of these parameters.

4. Search Apartment Price

4.1 Overview

The Search Apartment Price provides the client with the ability to search for and price available apartment units through the API.

4.2 Example XML Search Apartment request

The XML message below gives a sample of the expected elements needed by the API to execute an Search Apartment Price request.

```
<?xml version="1.0" encoding="UTF-8" ?>
<Request>
  <Source>
    <RequestorID Client="123456" EMailAddress="clientName@client.co.uk"
Password="clientPassword" />
    <RequestorPreferences Language="en" Currency="GBP">
      <RequestMode>SYNCHRONOUS</RequestMode>
    </RequestorPreferences>
  </Source>
  <RequestDetails>
    <SearchApartmentPriceRequest>
      <ItemDestination DestinationType="area" DestinationCode="LON" />
      <ImmediateConfirmationOnly />
      <PeriodOfStay>
        <CheckInDate>2003-08-30</CheckInDate>
        <Duration>14</Duration>
      </PeriodOfStay>
      <Occupancy>
        <NumberOfAdults>3</NumberOfAdults>
        <Children>
          <Age>5</Age>
          <Age>10</Age>
        </Children>
        <NumberOfCots>1</NumberOfCots>
      </Occupancy>
      <StarRating>3</StarRating>
      <LocationCode>G1</LocationCode>
      <PropertyTypeCode>A</PropertyTypeCode>
      <FacilityCodes>
        <FacilityCode>*DM</FacilityCode>
        <FacilityCode>*PT</FacilityCode>
      </FacilityCodes>
    </SearchApartmentPriceRequest>
  </RequestDetails>
</Request>
```

Table 5 Apartment price search request.

4.2.1 Source parameters

Please refer to the API Architecture document.

4.2.2 Search Apartment Price parameters

For the purpose of this document the use of the term “apartment” or “resort” is equivalent to an apartment complex and each apartment has units that can be reserved.

The following sub-elements are part of the <SearchApartmentPriceRequest> element:-

Element	Description
ItemDestination	Mandatory. Used to return all items within the specified

	destination type ("area" or "city") and destination code.
ImmediateConfirmationOnly	Optional. If present the response will contain results available only for immediate confirmation.
ItemName	Optional. If specified all items containing the given characters will be returned. Note: Item names are not case sensitive.
ItemCode	Optional. If specified the details for the single code will be returned.
PeriodOfStay	Mandatory. Defines the check-in day and either the check-out day or the duration of stay.
Occupancy	Mandatory. Defines the combination of adults, children and requested cots for the stay.
StarRating	Optional. Defines the apartment's star rating. A match or a minimum value can be specified.
LocationCode	Optional. Used to return all items within the specified location code.
PropertyTypeCode	Optional. If specified only properties of this type will be returned. PropertyTypeCodes available at the moment are: <ul style="list-style-type: none"> • A=Apartment • V=Villa
FacilityCodes	Optional. A list of <FacilityCode> elements specifying requested facilities at the apartment complex, e.g. swimming pool, tennis courts etc.

4.2.3 Occupancy element

The <Occupancy> element can have the following sub-elements:

Element	Description
NumberOfAdults	Mandatory. This will contain the number of adults to be included in the price for sightseeing item(s). Must be in the range 1 to 9 inclusive.
Children	Optional. A list of <Age> elements specifying the children's ages, which must be between 2 and 18 inclusive.
NumberOfCots	Optional. The number of required cots, up to a maximum value of 2 inclusive.

4.3 Example XML Search Apartment Price response

The XML message below gives a sample of that given by the API in response to an Search Apartment Price request.

```
<?xml version="1.0" encoding="UTF-8" ?>
<Response ResponseReference="REF_1499-4809-871997555167364">
  <ResponseDetails Language="en">
```

```

<SearchApartmentPriceResponse>
  <ApartmentDetails>
    <Apartment HasExtraInfo="true">
      <City Code="LHR">
        <![CDATA[London Heathrow]]>
      </City>
      <Item Code="BER1">
        <![CDATA[BERKELEY PARK]]>
      </Item>
      <LocationDetails>
        <Location Code="G2"><![CDATA[Airport]]></Location>
      </LocationDetails>
      <StarRating>4</StarRating>
      <PeriodOfStay>
        <CheckInDate>2004-01-01</CheckInDate>
        <Duration>7</Duration>
      </PeriodOfStay>
      <EssentialInformation>
        <Information>
          <Text><![CDATA[ Rates are inclusive of return airport
transfers and all non-motorised watersports. ]]></Text>
          <DateRange>
            <FromDate>0001-01-01</FromDate>
            <ToDate>9999-12-31</ToDate>
          </DateRange>
        </Information>
      </EssentialInformation>
      <ApartmentUnits>
        <ApartmentUnit Code="SB" Sleeps="2">
          <ApartmentUnitName>
            <![CDATA[Studio]]>
          </ApartmentUnitName>
          <Meals>
            <Basis Code="B">
              <![CDATA[breakfast]]>
            </Basis>
            <Breakfast Code="C ">
              <![CDATA[Continental]]>
            </Breakfast>
          </Meals>
          <UnitPrice Currency="GBP">735.00</UnitPrice>
          <Confirmation Code="OR">
            <![CDATA[On Request]]>
          </Confirmation>
        </ApartmentUnit>
        <ApartmentUnit Code="1C" Sleeps="4">
          <ApartmentUnitName>
            <![CDATA[1 Bedroom]]>
          </ApartmentUnitName>
          <Meals>
            <Basis Code="B">
              <![CDATA[breakfast]]>
            </Basis>
            <Breakfast Code="C ">
              <![CDATA[Continental]]>
            </Breakfast>
          </Meals>
          <UnitPrice Currency="GBP">945.00</UnitPrice>
          <Confirmation Code="OR">
            <![CDATA[On Request]]>
          </Confirmation>
        </ApartmentUnit>
      </ApartmentUnits>
    </Apartment>
  <Apartment HasExtraInfo="true" HasMap="true" HasPictures="true">
    <City Code="LON">
      <![CDATA[London]]>
    </City>
    <Item Code="ASC1">
      <![CDATA[ASCOTT MAYFAIR]]>
    </Item>
    <LocationDetails>
      <Location Code="G1">
        <![CDATA[Central]]>
      </Location>
    </LocationDetails>
    <StarRating>5</StarRating>
    <PeriodOfStay>
      <CheckInDate>2004-01-01</CheckInDate>
      <Duration>7</Duration>
    </PeriodOfStay>
    <ApartmentUnits>
      <ApartmentUnit Code="SB" Sleeps="2">

```

```

        <ApartmentUnitName>
          <![CDATA[Studio]]>
        </ApartmentUnitName>
        <Meals>
          <Basis Code="B">
            <![CDATA[breakfast]]>
          </Basis>
          <Breakfast Code="C ">
            <![CDATA[Continental]]>
          </Breakfast>
        </Meals>
        <UnitPrice Currency="GBP">1771.00</UnitPrice>
        <Confirmation Code="IM">
          <![CDATA[AVAILABLE]]>
        </Confirmation>
      </ApartmentUnit>
      <ApartmentUnit Code="1A" Sleeps="2">
        <ApartmentUnitName>
          <![CDATA[1 Bedroom]]>
        </ApartmentUnitName>
        <Meals>
          <Basis Code="B">
            <![CDATA[breakfast]]>
          </Basis>
          <Breakfast Code="C ">
            <![CDATA[Continental]]>
          </Breakfast>
        </Meals>
        <UnitPrice Currency="GBP">2245.25</UnitPrice>
        <Confirmation Code="IM">
          <![CDATA[AVAILABLE]]>
        </Confirmation>
      </ApartmentUnit>
    </ApartmentUnits>
  </Apartment>
</ApartmentDetails>
</SearchApartmentPriceResponse>
</ResponseDetails>
</Response>

```

Table 6 Apartment price search response.

4.3.1 Search Apartment Price response parameters

The search on apartment/resort availability will return a list of <Apartment> elements. Each <Apartment> element can have the following attributes/sub-elements: -

Attribute	Description
HasExtraInfo	If set to 'true' there is a report available for the resort that can be retrieved through a SearchItemInformationRequest.
HasMap	If set to 'true' a local map for the resort is available that can be retrieved through a SearchItemInformationRequest or a SearchLinkRequest.
HasPictures	If set to 'true' there are pictures available for the resort that can be retrieved through a SearchItemInformationRequest or a SearchLinkRequest.
HasImportantInfo	<p>If set to 'true' there is important information for the resort, that should be checked before a booking request is made:</p> <ul style="list-style-type: none"> * Information on mandatory check in days will be returned through a SearchApartmentPriceRequest and SearchItemInformationRequest. * Information on mandatory check out days will be returned through a SearchItemInformationRequest.

	<p>* Information on fixed stay will be returned through a SearchApartmentPriceRequest and SearchItemInformationRequest.</p> <p>* Information on whether a car is essential to reach the property will be returned through a SearchItemInformationRequest.</p> <p>* Information on key drop will be returned through a SearchItemInformationRequest.</p> <p>Please note only one or several of the above could apply.</p>
--	--

Element	Description	
City	The city name in the language requested (if available).	
	Attribute	Description
	Code	The unique city code held by GTA

Item	The item name.	
	Attribute	Description
	Code	The unique item code held by GTA

Element	Description
LocationDetails	A list of locations held for the item (see below).
StarRating	The rating of the resort, values 1-5.
CheckInDays	Optional. A list of allowed check-in days (see below).
PeriodOfStay	The check-in date and duration of stay. This element reflects the changes in the requested PeriodOfStay according to the allowed check-in days for the resort and whether the latter has a fixed stay or not.
ApartmentUnits	A collection of <ApartmentUnit> elements that are available in the apartment complex.

EssentialInformation	The collection of <Information> tags for the item.
Information	Contains text and the date range it is applicable to
Text	The essential information description. In the language requested (if available).
DateRange	The FromDate and ToDate for the Essential Information.

4.3.2 LocationDetails parameters

Location	The location name in the language requested (if available).	
	Attribute	Description
	Code	The unique location code held by GTA

4.3.3 CheckInDays parameters

The <CheckInDays> element defines a list of check-in days (<CheckInDay> sub-element)

for the resort. If there are no restrictions the element is not present for the apartment.

CheckInDay	The check-in day description in the language requested (if available).	
	Attribute	Description
	Code	A number in the range 1-7 for Monday – Sunday, respectively.

4.3.4 ApartmentUnit

An <ApartmentUnit> element can have the following sub-elements.

Attribute	Description
Code	The GTA unit code.
Sleeps	The maximum occupancy.

Element	Description
ApartmentUnitName	The name of the unit.
Meals	Describes the meal basis for the stay and the type of breakfast.
UnitPrice	The price of the unit, as per the request.
Confirmation	Whether the unit is available immediately or on request.

5. Search Sightseeing Price

5.1 Overview

The Search Sightseeing Price provides the client with the ability to search for and price available sightseeing items through the API.

5.2 Example XML Search Sightseeing Price request

The XML message below gives a sample of the expected elements needed by the API to execute a Search Sightseeing Price Request.

```
<?xml version="1.0" encoding="UTF-8" ?>
<Request>
  <Source>
    <RequestorID Client="1479" EMailAddress="client@net.com" Password="xxx" />
    <RequestorPreferences Language="en" Currency="GBP" Country="GB">
      <RequestMode>SYNCHRONOUS</RequestMode>
    </RequestorPreferences>
  </Source>
  <RequestDetails>
    <SearchSightseeingPriceRequest>
      <ItemDestination DestinationType="city" DestinationCode="AMS" />
      <ImmediateConfirmationOnly />
      <TourDate>2003-11-11</TourDate>
      <NumberOfAdults>3</NumberOfAdults>
      <Children>
        <Age>5</Age>
        <Age>10</Age>
      </Children>
      <TypeCodes>
        <TypeCode>AR</TypeCode>
        <TypeCode>CR</TypeCode>
      </TypeCodes>
      <CategoryCode>CS</CategoryCode>
      <IncludeRecommended/>
    </SearchSightseeingPriceRequest>
  </RequestDetails>
</Request>
```

Table 7. Search sightseeing price request.

5.2.1 Source parameters

Please refer to the API Architecture document.

5.2.2 Search Sightseeing Price attributes/parameters

A Search Sightseeing Price request can contain attributes/parameters to filter the sightseeing items returned.

The request can contain the following attributes/parameters: -

Parameters	Description
ItemDestination	Mandatory. Used to return all items within the specified destination type ("area" or "city") and destination code.
ImmediateConfirmationOnly	Optional. If present the response will contain results available only for immediate confirmation.
ItemName	Optional. If specified all items containing the given characters will be returned.

	Note: Item names are not case sensitive.
ItemCode	Optional. If specified the details for the single code will be returned.
TourDate	Mandatory. The start date of the sightseeing tour.
NumberOfAdults	Mandatory. This will contain the number of adults to be included in the price for sightseeing item(s). Must be in the range 1 to 9 inclusive.
Children	Optional. Defines a list of <Age> elements for the children's ages, which must be between 2 and 18 inclusive. If any of the children is under the age of 16 then at least one adult must be specified; the total number of adults and children must not exceed 9.
TypeCodes	Optional. Define a list of TypeCodes elements. If specified the price for the sightseeingtype requested will be returned.
CategoryCode	Optional. Only single CategoryCode can be specified. If specified the price for the sightseeingcategory will be returned.
RecommendedOnly	Optional. If specified only GTA recommended sightseeing will be returned.
NumberOfAdults	Mandatory. This will contain the number of adults to be included in the price for sightseeing item(s). Must be in the range 1 to 9 inclusive.

5.2.3 Children parameter

The client can request a number of children through the <Children> parameter. It is made up of a list of <Age> sub-elements, one element for each child required.

An example of a <Children> element, for two children, is shown below:

```
<Children>
  <Age>10</Age>
  <Age>12</Age>
</Children>
```

5.2.4 TypeCodes parameter

The client can request a number of TypeCode parameter. It is made up of a list of <TypeCode> sub-elements, one element for each TypeCode required.

An example of a <TypeCodes> element, for two different <TypeCode>, is shown below:

```
<TypeCodes>
  <TypeCode>AR</TypeCode>
  <TypeCode>CR</TypeCode>
</TypeCodes>
```

5.3 Example XML Search Sightseeing Price response

The XML message below gives a sample of that given by the API in response to a Search Sightseeing Price Request.

```

<?xml version="1.0" encoding="UTF-8" ?>
<Response ResponseReference="1479_1203_TOKEN">
  <ResponseDetails Language="en">
    <SearchSightseeingPriceResponse>
      <SightseeingDetails>
        <Sightseeing HasExtraInfo="true"
          DeparturePointRequired="true"
          Recommended="true">
          <City Code="AMS"><![CDATA[ Amsterdam ]]> </City>
          <Item Code="HOLL02-GTA03"><![CDATA[Amsterdam Candlelight Cruise ]]>
          </Item>
          <Duration><![CDATA[ 2 hrs]]></Duration>
          <AdditionalInformation>
            <Information><![CDATA[ Children under the age of 07 are not
allowed to join this tour.]]></Information>
          </AdditionalInformation>
          <TourOperations>
            <TourOperation>
              <TourLanguages>
                <TourLanguage Code="E"
LanguageListCode="XE"><![CDATA[English]]></TourLanguage>
                <TourLanguage Code="G"
LanguageListCode="XE"><![CDATA[German]]></TourLanguage>
                <TourLanguage Code="F"
LanguageListCode="XE"><![CDATA[French]]></TourLanguage>
                <TourLanguage Code="I"
LanguageListCode="XE"><![CDATA[Italian]]></TourLanguage>
              </TourLanguages>
              <ItemPrice Currency="GBP">69.00</ItemPrice>
              <Confirmation Code="OR"><![CDATA[On Request]]></Confirmation>
            </TourOperation>
            <TourOperation>
              <TourLanguages>
                <TourLanguage Code="S"
LanguageListCode="XE"><![CDATA[Spanish]]></TourLanguage>
              </TourLanguages>
              <ItemPrice Currency="GBP">69.00</ItemPrice>
              <Confirmation Code="IM"><![CDATA[ AVAILABLE ]]></Confirmation>
            </TourOperation>
          </TourOperations>
        </Sightseeing>
        <Sightseeing HasExtraInfo="true" HasFlash="true">
          <City Code="AMS"><![CDATA[ Amsterdam ]]> </City>
          <Item Code="HOLL02-GTA04"><![CDATA[City Tour with Rijksmuseum]]>
          </Item>
          <Duration><![CDATA[ 3 hrs 30 mins]]></Duration>
          <SightseeingTypes>
            <SightseeingType Code="RS"><![CDATA[Sightseeing
Tours]]></SightseeingType>
          </SightseeingTypes>
          <SightseeingCategories>
            <SightseeingCategory Code="CS"><![CDATA[CDATA[City
Sightseeing]]></SightseeingCategory>
            <SightseeingCategory
Code="MU"><![CDATA[CDATA[Music]]></SightseeingCategory>
          </SightseeingCategories>
          <TourOperations>
            <TourOperation>
              <TourLanguages>
                <TourLanguage Code="E"
LanguageListCode="XT"><![CDATA[English]]></TourLanguage>
                <TourLanguage Code="G"
LanguageListCode="XT"><![CDATA[German]]></TourLanguage>
                <TourLanguage Code="F"
LanguageListCode="XT"><![CDATA[French]]></TourLanguage>
              </TourLanguages>
              <ItemPrice Currency="GBP">71.25</ItemPrice>
              <Confirmation Code="OR"><![CDATA[On Request]]></Confirmation>
              <SpecialCode Code="FC"><![CDATA[First Class]]></Confirmation>
            </TourOperation>
            <TourOperation>
              <TourLanguages>
                <TourLanguage Code="S"><![CDATA[Spanish]]></TourLanguage>
              </TourLanguages>
            </TourOperation>
          </TourOperations>
        </Sightseeing>
      </SightseeingDetails>
    </ResponseDetails>
  </Response>
</Response>

```



```

        </TourLanguages>
        <ItemPrice Currency="GBP">101.25</ItemPrice>
        <Confirmation Code="IM"><![CDATA[ AVAILABLE ]]></Confirmation>
        <EssentialInformation>
        <Information>
        <Text><![CDATA[2 Vouchers are required for this service. 1 for
Gondola ride and the other for dinner at the Restaurant. Pls ensure that you print 2
vouchers on confirmation of service.]]></Text>
        <DateRange>
        <FromDate>0001-01-01</FromDate>
        <ToDate>9999-12-31</ToDate>
        </DateRange>
        </Information>
        </EssentialInformation>
        < TourOperation >
        </TourOperations>
    </Sightseeing>
</SightseeingDetails>
</SearchSightseeingPriceResponse>
</ResponseDetails>
</Response>

```

Table 8. Search sightseeing price response.

5.3.1 Search Sightseeing Price response parameters

The <SightseeingDetails> element can have zero or more <Sightseeing> sub-elements. Each <Sightseeing> element can have the following attributes/parameters: -

Attribute	Description
HasExtraInfo	If set to 'true' there is a report available for the item that can be retrieved through a SearchItemInformationRequest.
HasFlash	If set to 'true' a flash presentation for the hotel is available that can be retrieved through a SearchItemInformationRequest or a SearchLinkRequest.
DeparturePointRequired	If set to 'true' a departure point is required when making a booking for this sightseeing event.
Recommended	If set to 'true' the item is a recommended item.

Element	Description	
City	The city name in the language requested (if available).	
	Attribute	Description
	Code	The unique city code held by GTA
Item	The item name.	
	Attribute	Description
	Code	The unique item code held by GTA

Duration	The tour duration.	
SightseeingTypes	The collection of <SightseeingType> tags.	
SightseeingType	The sightseeing type, in the language requested (if available).	
	Attribute	Description

	Code	The unique sightseeing type code held by GTA.
SightseeingCategories	The collection of <SightseeingCategory> tags.	
SightseeingCategory	The sightseeing category, in the language requested (if available).	
	Attribute	Description
	Code	The unique sightseeing category code held by GTA.
AdditionalInformation	A list of information elements relevant to this tour.	
TourOperations	A list of <TourOperation> elements describing available languages, pricing and availability of the sightseeing item.	

EssentialInformation	The collection of <Information> tags for the item.	
Information	Contains text and the date range it is applicable to	
Text	The essential information description. In the language requested (if available).	
DateRange	The FromDate and ToDate for the Essential Information.	

5.3.2 TourOperation parameters

Element	Description	
TourLanguages	A list of <TourLanguage> elements giving the available languages for sightseeing item.	
ItemPrice	The total price of the sightseeing item, as per the request.	
Confirmation	Whether the item is available immediately or on request.	
SpecialItem	The Special Item code.	
	Attribute	Description
	Code	The special code applicable for this <TourOperation> with a description.

5.3.3 TourLanguage parameters

Element	Description	
TourLanguage	The language name in the language requested (if available).	
	Attribute	Description
	Code	The GTA language code
	LanguageListCode	The GTA language list code.

6. Search Transfer Price

6.1 Overview

The Search Transfer Price provides the client with the ability to search for and price available transfer items through the API.

6.2 Example XML Search Transfer Price request

The XML message below gives a sample of the expected elements needed by the API to execute a Search Transfer Price Request.

```
<?xml version="1.0" encoding="UTF-8" ?>
<Request>
  <Source>
    <RequestorID Client="1479" EMailAddress="client@net.com" Password="xxx" />
    <RequestorPreferences Language="en" Currency="GBP" Country="GB">
      <RequestMode>SYNCHRONOUS</RequestMode>
    </RequestorPreferences>
  </Source>
  <RequestDetails>
    <SearchTransferPriceRequest>
      <TransferPickUp>
        <PickUpCityCode>LON</PickUpCityCode>
        <PickUpCode>A</PickUpCode>
        <PickUpPointCode>LCY</PickUpPointCode>
      </TransferPickUp>
      <TransferDropOff>
        <DropOffCityCode>EDI</DropOffCityCode>
        <DropOffCode>H</DropOffCode>
      </TransferDropOff>
      <TransferDate>2004-11-11</TransferDate>
      <NumberOfPassengers>2</NumberOfPassengers>
      <PreferredLanguage>E</PreferredLanguage>
    </SearchTransferPriceRequest>
  </RequestDetails>
</Request>
```

Table 9. Search Transfer price request.

6.2.1 Source parameters

Please refer to the API Architecture document.

6.2.2 Search Transfer Price attributes/parameters

A Search Transfer Price request can contain attributes/parameters to filter the sightseeing items returned.

The request can contain the following attributes/parameters: -

Parameters	Description
ImmediateConfirmationOnly	Optional. If present the response will contain results available only for immediate confirmation.
ItemName	Optional. If specified all items containing the given characters will be returned. Note: Item names are not case sensitive.
ItemCode	Optional. If specified the details for the single code will be returned.
TransferPickUp	Mandatory. Defines the pick up details for the

	transfer.
TransferDropOff	Mandatory. Defines the drop off details for the transfer.
TransferDate	Mandatory. The date of the transfer.
NumberOfPassengers	Mandatory. This will contain the number of passengers for the transfer. Must be in the range 1 to 99 inclusive.
Preferred Language	Mandatory. Specifies the preferred GTA language for the transfer.
Alternate Language	Optional. Can specify a second GTA language in case the Transfer is not provided in the preferred language.

6.2.3 Transfer Pick Up parameter

The client specifies the pick up details through the <TransferPickUp> parameter. It is made up of the following: -

Parameters	Description
PickUpCityCode	Mandatory. Specifies the pick up city.
PickUpCode	Mandatory. Specifies the type of pick up required. Valid codes are returned from the SearchTransferListRequest with ListType="TransferLocation".
PickUpPointCode	Optional. Used to further specify the type of pick up and can only be used in conjunction with PickUpCode 'A'; i.e.: if the pick up is an airport where more than one exists in the city, the PickUpPointCode can be used to define the pick up airport.

An example of a <TransferPickUp> element, for pick up at the airport (LCY), is shown below:

```

<TransferPickUp>
  <PickUpCityCode>LON</PickUpCityCode>
  <PickUpCode>A</PickUpCode>
  <PickUpPointCode>LCY</PickUpPointCode>
</TransferPickUp>

```

6.2.4 Transfer Drop Off parameter

The client specifies the drop off details through the <TransferDropOff> parameter. It is made up of the following: -

Parameters	Description
DropOffCityCode	Optional. Must be specified if the DropOffCityCode

	differs from the PickUpCityCode.
DropOffCode	Mandatory. Specifies the type of drop off required. Valid codes are returned from the SearchTransferListRequest with ListType="TransferLocation".
DropOffPointCode	Optional. Used to further specify the type of drop off and can only be used in conjunction with DropOffCode 'A'; i.e.: if the drop off is an airport where more than one exists in the city, the DropOffPointCode can be used to define the drop off airport.

An example of a <TransferDropOff> element, for drop off at the accommodation in Edinburgh, is shown below:

```
<DropOff>
  <DropOffCityCode>EDI</DropOffCityCode>
  <DropOffCode>H</DropOffCode>
</DropOff>
```

6.3 Example XML Search Transfer Price response

The XML message below gives a sample of that given by the API in response to a Search Transfer Price Request.

```
<?xml version="1.0" encoding="UTF-8" ?>
<Response ResponseReference="1479_1203_TOKEN">
  <ResponseDetails Language="en">
    <SearchTransferPriceResponse>
      <TransferDetails>
        <Transfer HasExtraInfo="true">
          <City Code="LON"><![CDATA[ London ]]> </City>
          <Item Code="0000001186003"><![CDATA[A/H ]]></Item>
        <PickUpDetails>
          <PickUp Code="A"><![CDATA[Airport]]></PickUp>
          <Airport Code="LCY"><![CDATA[London city airport]]></Airport>
        </PickUpDetails>
        <DropOffDetails>
          <DropOff Code="H"><![CDATA[Accommodation]]></PickUp>
          <City Code="EDI"><![CDATA[Edinburgh]]></City>
        </DropOffDetails>
        <ApproximateTransferTime Time="6.30"><![CDATA[6 hour
30 Minutes ]]></ApproximateTransferTime>
        <TransferVehicles>
          <TransferVehicle>
            <Vehicle Code="SA" MaximumPassengers="2" MaximumLuggage="2"
            ><![CDATA[Saloon]]></Vehicle>
            <Language Code="E"><![CDATA[English]]></Language>
            <ItemPrice Currency="GBP">46.50</ItemPrice>
            <Confirmation Code="OR"><![CDATA[On Request]]></Confirmation>
          </TransferVehicle>
          <TransferVehicle>
            <Vehicle Code="MI" MaximumPassengers="6" MaximumLuggage="6"
            ><![CDATA[Minibus]]></Vehicle>
            <ItemPrice Currency="GBP">65.50</ItemPrice>
            <Confirmation Code="OR"><![CDATA[On Request]]></Confirmation>
          </TransferVehicle>
        </TransferVehicles>
        <TransferConditions>
          <TransferCondition>IMPORTANT: All infants and children must ride in an age and size
          appropriate child safety seat or booster seat. Customers are responsible for
          providing their own safety seats.</TransferCondition>
        </TransferConditions>
      </Transfer>
    </SearchTransferPriceResponse>
  </ResponseDetails>
</Response>
```

Table 10. Search transfer price response.

6.3.1 Search Transfer Price response parameters

The <TransferDetails> element can have zero or more <Transfer> sub-elements. Each <Transfer> element can have the following attributes/parameters: -

Attribute	Description
HasExtraInfo	If set to 'true' there is a report available for the item that can be retrieved through a SearchItemInformationRequest.
HasIdeas	If set to 'true' there are sightseeing ideas (Links) available for the item that can be retrieved through a SearchItemInformationRequest or a SearchLinkRequest.

Parameter	Description				
City	The city name in the language requested (if available).				
	<table><tr><th>Attribute</th><th>Description</th></tr><tr><td>Code</td><td>The unique city code held by GTA</td></tr></table>	Attribute	Description	Code	The unique city code held by GTA
Attribute	Description				
Code	The unique city code held by GTA				

Item	The item name.				
	<table><tr><th>Attribute</th><th>Description</th></tr><tr><td>Code</td><td>The unique item code held by GTA</td></tr></table>	Attribute	Description	Code	The unique item code held by GTA
Attribute	Description				
Code	The unique item code held by GTA				

PickUpDetails	The pick up details.
DropOffDetails	The drop off details.
OutOfHoursSupplements	Out of hours supplement details. (See below for details).
ApproximateTransferTime	The approximate time for the transfer.
TransferVehicles	A list of <TransferVehicle> elements describing available vehicles, pricing and availability of the transfer item.
TransferConditions	Contains a TransferCondition parameter.
TransferCondition	Returns important conditions which apply to infants and children seats.

6.3.2 PickUpDetails parameters

Parameters	Description				
PickUp	The pick up name in the language requested (if available).				
	<table><tr><th>Attribute</th><th>Description</th></tr><tr><td>Code</td><td>The GTA pick up code.</td></tr></table>	Attribute	Description	Code	The GTA pick up code.
Attribute	Description				
Code	The GTA pick up code.				
City, Area or Airport	Depending on the type of pick up, a city, area or airport name will be output in the language requested (if available).				

	Attribute	Description
	Code	The GTA code associated with the name.

6.3.3 DropOffDetails parameters

Parameters	Description	
DropOff	The drop off name in the language requested (if available).	
	Attribute	Description
	Code	The GTA drop off code.
	AllowForCheckInTime	The time that should be allowed for check in at the drop off point.
City, Area or Airport	Depending on the type of drop off, a city, area or airport name will be output in the language requested (if available).	
	Attribute	Description
	Code	The GTA code associated with the name.

6.3.4 OutOfHoursSupplements parameters

Parameters	Description
OutOfHoursSupplement	Out of hours supplement details.
FromTime ToTime	The time range for which the supplement applies.
Supplement	The supplement percentage.

6.3.5 TransferVehicles parameters

Elements	Description	
TransferVehicle	List of vehicles available for a particular item.	
Vehicle	The vehicle name in the language requested (if available).	
	Attribute	Description
	Code	The GTA vehicle code
	MaximumPassengers	The maximum passengers for the vehicle.

	MaximumLuggage	The maximum luggage for the vehicle.
ItemPrice	The total price of the transfer item, as per the request.	
	Currency	Currency code in which the item has been priced.
Confirmation	Whether the item is available immediately or on request.	
	Code	Specifies whether the item is available or on request.

7 Search Car Prices

This module is no longer in use and has been removed from the specifications.

8. Search Hotel Availability

8.1 Overview

All requests will need to be sent in a SYNCHRONOUS mode; any requests send in an ASYNCHRONOUS mode will return an error.

The Search Hotel Availability provides the client with the ability to search for available hotel rooms through the API.

Please note that this request is not available for newly set up clients.

8.2 Example XML Search Hotel Availability request

The XML message below gives a sample of the expected elements needed by the API to execute a Search Hotel Availability Request.

```
<?xml version="1.0" encoding="UTF-8" ?>
<Request>
  <Source>
    <RequestorID Client="1479" EMailAddress="client@net.com" Password="xxx" />
    <RequestorPreferences Language="en" Currency="GBP" Country="GB">
      <RequestMode>SYNCHRONOUS</RequestMode>
    </RequestorPreferences>
  </Source>
  <RequestDetails>
    <SearchHotelAvailabilityRequest>
      <ItemDestination DestinationType="city" DestinationCode="AMS" />
      <ImmediateConfirmationOnly />
      <PeriodOfStay>
        <CheckInDate>2005-03-11</CheckInDate>
        <Duration>14</Duration>
      </PeriodOfStay>
      <Rooms>
        <Room
          Code="TB"
          NumberOfRooms="1"
          NumberOfCots="2"
          ExtraBed="true"
          NumberOfExtraBeds="2" />
      </Rooms>
      <StarRating MinimumRating="true">3</StarRating>
      <LocationCode>G1</LocationCode>
      <FacilityCodes>
        <FacilityCode>*SO</FacilityCode>
        <FacilityCode>*TE</FacilityCode>
      </FacilityCodes>
    </SearchHotelAvailabilityRequest>
  </RequestDetails>
</Request>
```

8.2.1 Source parameters

Please refer to the API Architecture document.

8.2.2 Search Hotel Availability attributes/parameters

A Search Hotel Availability request can contain attributes/parameters to filter the hotels returned.

The request can contain the following attributes/parameters: -

Parameters	Description
------------	-------------

ItemDestination	Mandatory. Used to return all items within the specified destination type ("area" or "city") and destination code.
ImmediateConfirmationOnly	Optional. If present the response will contain results available only for immediate confirmation.
ItemName	Optional. If specified all items containing the given characters will be returned. Note: Item names are not case sensitive.
ItemCode	Optional. If specified the details for the single code will be returned.
PeriodOfStay	Mandatory. Defines the check-in day and either the check-out day or the duration of stay.
Rooms	Mandatory. A list of the requested hotel rooms, with information on the number of rooms, the number of cots and whether any extra beds are required for each of the rooms specified. Please see below for further details.
StarRating	Optional. Defines the star rating of the hotel. A match or a minimum value can be specified.
LocationCode	Optional. Used to return all items within the specified location code.
FacilityCodes	Optional. A list of <FacilityCode> elements specifying requested facilities at the hotel, e.g. swimming pool, tennis courts etc.

8.2.3 Rooms parameter

The client can request a number of rooms through the <Rooms> element. The latter is made up of a list of <Room> sub-elements, one element for each different requested room type.

An example of a <Room> element for one double room with one cot and two extra beds is shown below:

```
<Rooms>
  <Room
    Code="DB"
    NumberOfRooms="1"
    NumberOfCots="1"
    ExtraBed="true"
    NumberOfExtraBeds="2" />
</Rooms>
```

Parameter	Description	
HotelRoom	Mandatory. The parameter that contains the details for each requested room type/code.	
	Attribute	Description
	Code	Mandatory. The unique room code held by GTA.
	ExtraBed	Optional. If "true" a child will be accommodate in the room.
	NumberOfCots	Optional. Specifies the number of cots

	requested.
NumberOfExtraBeds	Optional. Specifies the number of extra beds requested.
NumberOfRooms	Optional. Specifies the number of rooms requested. If not specified will default to '1'.

8.3 Example XML Search Hotel Availability response

The XML message below gives a sample of that given by the API in response to a Search Hotel Availability Request.

```
<?xml version="1.0" encoding="UTF-8" ?>
<Response>
  <ResponseDetails Language="en">
    <SearchHotelAvailabilityResponse>
      <HotelDetails>
        <Hotel>
          <City Code="AMS"><![CDATA[ Amsterdam ]]></City>
          <Item Code="CAN"><![CDATA[ Canal Crown ]]></Item>
          <RoomAvailability>
            <Availability>
              <DateRange>
                <FromDate>2005-03-11</FromDate>
                <ToDate>2005-03-15</ToDate>
              </DateRange>
              <Confirmation Code="IM"><![CDATA[AVAILABLE]]></Confirmation>
            </Availability>
            <Availability>
              <DateRange>
                <FromDate>2005-03-16</FromDate>
                <ToDate>2005-03-16</ToDate>
              </DateRange>
              <Confirmation Code="CL"><![CDATA[Closed]]></Confirmation>
            </Availability>
            <Availability>
              <DateRange>
                <FromDate>2005-03-17</FromDate>
                <ToDate>2005-03-21</ToDate>
              </DateRange>
              <Confirmation Code="OR"><![CDATA[On Request]]></Confirmation>
            </Availability>
          </RoomAvailability>
        </Hotel>
      </HotelDetails>
    </SearchHotelAvailabilityResponse>
  </ResponseDetails>
</Response>
```

8.3.1 Search Hotel Availability response parameters

The <HotelDetails> element can have zero or more <Hotel> sub-elements. Each <Hotel> element can have the following attributes/parameters: -

Parameter	Description	
City	The city name in the language requested (if available).	
	Attribute	Description
	Code	The unique city code held by GTA

Item	The item name.	
	Attribute	Description
	Code	The unique item code held by GTA

RoomAvailability	Describes the availability within date range(s).
------------------	--

8.3.2 RoomAvailability parameters

The <RoomAvailability> element can have one or more <Availability> sub-elements. Each <Availability> element can have the following attributes/parameters: -

DateRange	The date range for the availability.	
	FromDate	The start date for the hotel availability
	ToDate	The end date for the hotel availability
Confirmation	Whether the hotel is available immediately, on request or closed for the date range.	

9 Booking Item Price Breakdown

9.1 Overview

The Booking Item Price Breakdown provides the client with a price breakdown of individual booking items

9.2 Example XML Booking Item Price Breakdown request

The XML message below gives a sample of the expected elements needed by the API to execute a Booking Item Price Breakdown Request.

```
<?xml version="1.0" encoding="UTF-8"?>
<Request>
  <Source>
    <RequestorID Client="123456" EMailAddress="clientName@client.co.uk"
      Password="clientPassword" />
    <RequestorPreferences Language="en">
      <RequestMode>SYNCHRONOUS</RequestMode>
    </RequestorPreferences>
  </Source>
  <RequestDetails>
    <BookingItemPriceBreakdownRequest>
      <BookingReference>BOOK1002</BookingReference>
      <ItemReference>1</ItemReference>
    </BookingItemPriceBreakdownRequest>
  </RequestDetails>
</Request>
```

9.2.1 Source parameters

Please refer to the API Architecture document.

9.2.2 Booking Item Price Breakdown parameters

This request will be used to retrieve a bookings item for price breakdown. The following sub-elements must be specified: -

Element	Description	
BookingReference	Mandatory. This will contain a reference to identify booking(s).	
	Attribute	Description
	ReferenceSource	Values allowed (if not specified will default to "client"):- <ul style="list-style-type: none">• "client" - the unique client reference. If found this would return a single booking.• "api" - the unique GTA reference. If found this would return a single booking.
ItemReference	Mandatory. The breakdown will be given for the booking item with the specified item reference.	

9.3 Example XML Booking Item Price Breakdown response

The XML message below gives a sample of that given by the API in response to a Booking Item Price Breakdown Request.

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

```

<Response ResponseReference="34567">
  <ResponseDetails Language="en">
    <BookingItemPriceBreakdownResponse>
      <BookingReferences>
        <BookingReference ReferenceSource="client">BOOK1002</BookingReference>
        <BookingReference ReferenceSource="api">56789</BookingReference>
      </BookingReferences>
      <BookingItem ItemType="hotel">
        <ItemReference>1</ItemReference>
        <ItemCity Code="EDI"><![CDATA[Edinburgh]]></ItemCity>
        <Item Code="POI"><![CDATA[Point]]></Item>
        <ItemPrice>
          Currency="GBP"
          Gross="1855.00"
          IncludedOfferDiscount="192.50"
          GrossWithoutDiscount="2047.50">
        </ItemPrice>
        <Offer Code="FNT"><![CDATA[Free Night(s)]]></Offer>
        <HotelItem>
          <PeriodOfStay>
            <CheckInDate>2005-05-29</CheckInDate>
            <CheckOutDate>2005-06-08</CheckOutDate>
          </PeriodOfStay>
          <HotelRooms>
            <HotelRoom Code="TB">
              <RoomPrice Gross="1347.50" />
              <PriceRanges>
                <PriceRange>
                  <DateRange>
                    <FromDate>2005-05-29</FromDate>
                    <ToDate>2005-05-31</ToDate>
                  </DateRange>
                  <Price Nights="3" Gross="122.50" />
                </PriceRange>
                <PriceRange>
                  <DateRange>
                    <FromDate>2005-06-01</FromDate>
                    <ToDate>2005-06-07</ToDate>
                  </DateRange>
                  <Price Nights="7" Gross="140.00" />
                </PriceRange>
              </PriceRanges>
            </HotelRoom>
            <HotelRoom Code="CH" ChildAge="14">
              <RoomPrice Gross="700.00" />
              <PriceRanges>
                <PriceRange>
                  <DateRange>
                    <FromDate>2005-05-29</FromDate>
                    <ToDate>2005-06-07</ToDate>
                  </DateRange>
                  <Price Nights="10" Gross="70.00" />
                </PriceRange>
              </PriceRanges>
            </HotelRoom>
            <HotelRoom Code="CT">
              <RoomPrice Gross=".00" />
              <PriceRanges>
                <PriceRange>
                  <DateRange>
                    <FromDate>2005-05-29</FromDate>
                    <ToDate>2005-06-07</ToDate>
                  </DateRange>
                  <Price Nights="10" Gross=".00" />
                </PriceRange>
              </PriceRanges>
            </HotelRoom>
          </HotelRooms>
        </HotelItem>
      </BookingItem>
    </BookingItemPriceBreakdownResponse>
  </ResponseDetails>
</Response>

```

9.3.1 Booking Item Price Breakdown response parameters

The API will return the following Booking level sub-elements: -

Element	Description
---------	-------------

BookingReferences	This will contain a list of references that uniquely identify the booking.	
BookingItem	The item requiring price breakdown.	
	Attribute	Description
	ItemType	Identifies the type of item (i.e. Hotel, Sightseeing etc.).

9.3.2 BookingItem sub-element

```
<ItemReference>1</ItemReference>
<ItemCity Code="LON"> <![CDATA[London]]></ItemCity>
<Item Code="EMP"><![CDATA[5 Emperors Gate]]></Item>
<ItemPrice Currency="GBP" Gross="191.00" />
```

Element	Description
ItemReference	This will contain the reference that uniquely identifies the booking item.
ItemCity	The city name, the Code attribute specifies the GTA city code for the item.
Item	The item name, the Code attribute specifies the GTA code for the item.

ItemPrice	The total price of the stay.	
	Attribute	Description
	Currency	The ISO currency code of the currency in which the Gross, GrossWithoutDiscount price and the IncludedOfferDiscount are returned in.
	Gross	The gross price of the booking item.
	GrossWithoutDiscount	The gross price without the discount being deducted.
	IncludedOfferDiscount	The discount that is being applied to the gross price.

Offer	The offer name.	
	Attribute	Description
	Code	The unique offer code held by GTA

The booking Item requested. A booking item can be one of the following: -

HotelItem	Hotel item details. See Hotel Item section.
ApartmentItem	Apartment item details. See Apartment Item section.
SightseeingItem	Sightseeing item details. See Sightseeing Item section.

All other booking items only show the price details at item level.

10 Hotel Price Breakdown

10.1 Overview

The Hotel Price Breakdown provides the client with a price breakdown for a given hotel. The client must specify search parameters to identify the price breakdown required. All requests will need to be sent in a SYNCHRONOUS mode; any requests send in an ASYNCHRONOUS will return an error.

10.2 Example XML Hotel Price Breakdown request

The XML message below gives a sample of the expected elements needed by the API to execute a Hotel Price Breakdown Request.

```
<?xml version="1.0" encoding="UTF-8"?>
<Request>
  <Source>
    <RequestorID Client="123456" EMailAddress="clientName@client.co.uk"
      Password="clientPassword" />
    <RequestorPreferences Language="en">
      <RequestMode>SYNCHRONOUS</RequestMode>
    </RequestorPreferences>
  </Source>
  <RequestDetails>
    <HotelPriceBreakdownRequest>
      <City>AMS</City>
      <Item>APP</Item>
      <PeriodOfStay>
        <CheckInDate>2005-05-29</CheckInDate>
        <Duration>10</Duration>
      </PeriodOfStay>
      <Rooms>
        <Room Code="TB" NumberOfCots="1">
          <ExtraBeds>
            <Age>14</Age>
          </ExtraBeds>
        </Room>
      </Rooms>
    </HotelPriceBreakdownRequest>
  </RequestDetails>
</Request>
```

10.2.1 Source parameters

Please refer to the API Architecture document.

10.2.2 Hotel Price Breakdown parameters

This request will be used to retrieve the hotel price breakdown for the given search criteria. The following sub-elements must be specified: -

Parameters	Description
City	Mandatory. Specifies the city for the Item.
Item	Mandatory. Specifies the item (hotel) for which the price breakdown is required.
PeriodOfStay	Mandatory. Defines the check-in day and either the check-out day or the duration of stay.
Rooms	Mandatory. A list of the requested hotel rooms, with information on the number of rooms, the number of cots and the ages of any extra children staying in.

10.2.3 Rooms parameter

The client can request a number of rooms through the <Rooms> element. The latter is made up of a list of <Room> sub-elements, one element for each different requested room type.

An example of a <Room> element, for one twin room with one cot and one extra bed (for child aged 10), is shown below:

```
<Room Code="TB" NumberOfCots="1">
  <ExtraBeds>
    <Age>10</Age>
  </ExtraBeds>
</Room>
```

The <Room> element can contain an Id attribute which is used to specify the room category. This is an optional attribute and is dependant on the client's Participation Level: -

- Participation Level – None
Must not be entered.
- Participation Level – 1
Mandatory.
- Participation Level – 2.
Mandatory.

```
<Room Code="DB" Id = "001:APP1:22681:S22237:33643:121162" NumberOfRooms="1" />
```

10.3 Example XML Hotel Price Breakdown response

The XML message below gives a sample of that given by the API in response to a Hotel Price Breakdown Request.

```
<?xml version="1.0" encoding="UTF-8"?>
<Response ResponseReference="34567">
  <ResponseDetails Language="en">
    <HotelPriceBreakdownResponse>
      <ItemCity Code="EDI"><![CDATA[Edinburgh]]></ItemCity>
      <Item Code="POI"><![CDATA[Point]]></Item>
      <ItemPrice>
        Currency="GBP"
        Gross="1275.75.00"
        Available="false"
        IncludedOfferDiscount="141.75"
        GrossWithoutDiscount="1417.50">
      </ItemPrice>
      <Offer Code="DSN"><![CDATA[Discount Night(s), Meals Not Included]]></Offer>
      <HotelItem>
        <PeriodOfStay>
          <CheckInDate>2005-05-29</CheckInDate>
          <CheckOutDate>2005-06-08</CheckOutDate>
        </PeriodOfStay>
        <HotelRooms>
          <HotelRoom Code="TB">
            <RoomPrice Gross="927.50" Available="false" />
            <PriceRanges>
              <PriceRange>
                <DateRange>
                  <FromDate>2005-05-29</FromDate>
                  <ToDate>2005-05-31</ToDate>
                </DateRange>
                <Price Nights="3" Gross="122.50" />
              </PriceRange>
              <PriceRange>
                <DateRange>
                  <FromDate>2005-06-01</FromDate>
```

```

        <ToDate>2005-06-01</ToDate>
      </DateRange>
      <Price Nights="1" Gross="140.00" />
    </PriceRange>
  <PriceRange>
    <DateRange>
      <FromDate>2005-06-02</FromDate>
      <ToDate>2005-06-04</ToDate>
    </DateRange>
    <Price Nights="3" Available="false" />
  </PriceRange>
  <PriceRange>
    <DateRange>
      <FromDate>2005-06-05</FromDate>
      <ToDate>2005-06-07</ToDate>
    </DateRange>
    <Price Nights="3" Gross="140.00" />
  </PriceRange>
</PriceRanges>
</HotelRoom>
<HotelRoom Code="CH" ChildAge="14">
  <RoomPrice Gross="490.00" Available="false" />
  <PriceRanges>
    <PriceRange>
      <DateRange>
        <FromDate>2005-05-29</FromDate>
        <ToDate>2005-06-01</ToDate>
      </DateRange>
      <Price Nights="4" Gross="70.00" />
    </PriceRange>
  </PriceRanges>
<PriceRange>
  <DateRange>
    <FromDate>2005-06-02</FromDate>
    <ToDate>2005-06-04</ToDate>
  </DateRange>
  <Price Nights="3" Available="false" />
  <PriceRange>
    <PriceRange>
      <DateRange>
        <FromDate>2005-06-05</FromDate>
        <ToDate>2005-06-07</ToDate>
      </DateRange>
      <Price Nights="3" Gross="70.00" />
    </PriceRange>
  </PriceRange>
</PriceRange>
</PriceRanges>
  </HotelRoom>
  <HotelRoom Code="CT">
    <RoomPrice Gross=".00" />
    <PriceRanges>
      <PriceRange>
        <DateRange>
          <FromDate>2005-05-29</FromDate>
          <ToDate>2005-06-07</ToDate>
        </DateRange>
        <Price Nights="10" Gross=".00" />
      </PriceRange>
    </PriceRanges>
  </HotelRoom>
</HotelRooms>
</HotelItem>
</BookingItemPriceBreakdownResponse>
</ResponseDetails>
</Response>

```

10.3.1 Hotel Price Breakdown response parameters

The API will return the following Booking level sub-elements: -

Element	Description
ItemCity	The city name, the Code attribute specifies the GTA city code for the item.
Item	The item name, the Code attribute specifies the GTA code for the item.

ItemPrice	The total price of the stay.	
	Attribute	Description
	Currency	The ISO currency code of the currency in which the Gross, GrossWithoutDiscount price and the IncludedOfferDiscount are returned in.
	Gross	<p>The gross price of the booking item.</p> <p>NOTE: If the Available="false" attribute is shown this price shows the total for the days for which the corresponding rooms can be priced.</p> <p>Available – this shows as false when performing a HotelPriceBreakdownRequest and the hotel cannot be priced for all or part of the Period of Stay requested.</p>
	GrossWithoutDiscount	The gross price without the discount being deducted.
	IncludedOfferDiscount	The discount that is being applied to the gross price.

Offer	The offer name.	
	Attribute	Description
	Code	The unique offer code held by GTA

The booking Item requested. A booking item can be one of the following: -

HotelItem	Hotel item details. See Hotel Item section.
------------------	---

All other booking items only show the price details at item level.

11 Hotel Item

11.1 Overview

When a breakdown of prices is required for a hotel item they will be contained within the HotelItem sub-element.

11.2 Response

11.2.1 HotelItem sub-element

For a response the API will return the following attributes and sub-elements allowed for a HotelItem sub-element: -

Parameter	Description
PeriodOfStay	Specifies the period of stay.
HotelRooms	Specifies one or more HotelRoom elements – which are used to describe the room details and assign passenger details. See HotelRoom definition below.

11.3 PeriodOfStay sub-element

The following gives a list of sub-elements for a PeriodOfStay sub-element: -

Element	Description
CheckInDate	Specifies the date of check in.
CheckOutDate	Specifies the date of check out

11.4 HotelRoom sub-element

The following gives a list of attributes and sub-elements for a HotelRoom sub-element: -

Attribute	Description
Code	Specifies the GTA room code for the hotel.
Id	Specifies the category of room. This is an optional attribute dependant on the client's Participation Level: - Level 0: Not output Level 1 and above: Output
ChildAge	This specifies the child age if the price breakdown is for a child.
NumberOfRooms	If more than one room for the room code exists, this specifies the number of rooms.
Element	Description
RoomPrice	The price information at room level. Contains the following attributes: <ul style="list-style-type: none">Gross. NOTE: If the Available="false" attribute is shown this price shows the total for the days for which the room can be priced.Available – this shows as false when performing a HotelPriceBreakdownRequest and the room type is not available or cannot be priced for part of the Period of Stay requested.
PriceRanges	Specifies one or more PriceRange elements – which are used to describe the breakdown of price information for a particular date range. See PriceRange definition below.

Attribute	Description
DailyAverage	Will be returned as “true” when our third-party suppliers are not able to provide us with the price breakdown.
Attribute	Description
Code	Specifies the GTA room code for the hotel.
ChildAge	This specifies the child age if the price breakdown is for a child.
NumberOfRooms	If more than one room for the room code exists, this specifies the number of rooms.

Element	Description
RoomPrice	The price information at room level. Contains the following attributes: <ul style="list-style-type: none"> Gross. NOTE: If the Available=“false” attribute is shown this price shows the total for the days for which the room can be priced. Available – this shows as false when performing a HotelPriceBreakdownRequest and the room type is not available or cannot be priced for part of the Period of Stay requested.
PriceRanges	Specifies one or more PriceRange elements – which are used to describe the breakdown of price information for a particular date range. See PriceRange definition below.

11.5 PriceRange sub-element

The following gives a list of sub-elements for a PriceRange sub-element: -

Element	Description
DateRange	The range of dates for which the price breakdown is applicable. Contains the following: - <ul style="list-style-type: none"> FromDate – The start date for the range. ToDate – The end date of the range
Price	The price information at night level. Contains the following attributes: <ul style="list-style-type: none"> Nights – the number of consecutive nights the price is applicable. <p>Will also show: -</p> <p>EITHER</p> <ul style="list-style-type: none"> Gross - the price applicable for each within the date range. <p>OR</p> <ul style="list-style-type: none"> Available=“false” Only shows when performing a HotelPriceBreakdownRequest and the hotel is not available or cannot be priced for part of the Period of Stay requested.

12 Apartment Price Breakdown

12.1 Overview

The Apartment Price Breakdown provides the client with a price breakdown for a given apartment. The client must specify search parameters to identify the price breakdown required.

12.2 Example XML Apartment Price Breakdown request

The XML message below gives a sample of the expected elements needed by the API to execute an Apartment Price Breakdown Request.

```
<?xml version="1.0" encoding="UTF-8"?>
<Request>
  <Source>
    <RequestorID Client="1483" EMailAddress="M@C.IE" Password="m" />
    <RequestorPreferences Language="en" Currency="GBP">
      <RequestMode>SYNCHRONOUS</RequestMode>
    </RequestorPreferences>
  </Source>
  <RequestDetails>
    <ApartmentPriceBreakdownRequest>
      <City>LON</City>
      <Item>ONE</Item>
      <PeriodOfStay>
        <CheckInDate>2006-11-07</CheckInDate>
        <Duration>10</Duration>
      </PeriodOfStay>
      <ApartmentUnit Code="1C" NumberOfCots="1"/>
      <ItemSupplements>
        <ItemSupplement Code="WF" Quantity="2"/>
        <ItemSupplement Code="FC" Quantity="1"/>
      </ItemSupplements>
    </ApartmentPriceBreakdownRequest>
  </RequestDetails>
</Request>
```

12.2.1 Source parameters

Please refer to the API Architecture document.

12.2.2 Apartment Price Breakdown parameters

This request will be used to retrieve the apartment price breakdown for the given search criteria. The following sub-elements must be specified: -

Parameters	Description
City	Mandatory. Specifies the city for the Item.
Item	Mandatory. Specifies the item (apartment) for which the price breakdown is required.
PeriodOfStay	Mandatory. Defines the check-in day and either the check-out day or the duration of stay.
ApartmentUnit	Mandatory. Apartment unit type required. Optional attribute number of cots.
ItemSupplements	Optional. Include supplements for the price breakdown. There can be multiple supplements for an item.

12.3 Example XML Apartment Price Breakdown response

The XML message below gives a sample of that given by the API in response to an Apartment Price Breakdown Request.

```
<?xml version="1.0" encoding="UTF-8"?>
<Response ResponseReference="34567">
  <ResponseDetails Language="en">
    <ApartmentPriceBreakdownResponse>
      <ItemCity Code="LON"><![CDATA[London]]></ItemCity>
      <Item Code="ONE"><![CDATA[ONE THIRTY QUEENSGATE]]></Item>
      <ItemPrice Currency="GBP" Gross="1678.25" Available="false" />
      <ApartmentItem>
        <PeriodOfStay>
          <CheckInDate>2006-12-02</CheckInDate>
          <CheckOutDate>2006-12-09</CheckOutDate>
        </PeriodOfStay>
        <ApartmentUnits>
          <ApartmentUnit Code="1C">
            <UnitPrice Code="1678.25" />
            <PriceRanges>
              <PriceRange>
                <DateRange>
                  <FromDate>2006-12-02</FromDate>
                  <ToDate>2006-12-09</ToDate>
                </DateRange>
                <Price Nights="7" Gross="239.75" />
              </PriceRange>
            </PriceRanges>
          </ApartmentUnit>
          <ItemSupplements>
            <ItemSupplement Code="WF" Price="15.50" Quantity="2">
              <![CDATA[Welcome Food Basket]]>
            </ItemSupplement>
          </ItemSupplements>
        </ApartmentUnits>
      </ApartmentItem>
    </ApartmentPriceBreakdownResponse>
  </ResponseDetails>
</Response>
```

12.3.1 Apartment Price Breakdown response parameters

The API will return the following Booking level sub-elements: -

Element	Description
ItemCity	The city name, the Code attribute specifies the GTA city code for the item.
Item	The item name, the Code attribute specifies the GTA code for the item.
ItemPrice	The booking item price information. Contains the following attributes: <ul style="list-style-type: none">• Currency – the currency ISO code of the price information.• Gross. NOTE: If the Available="false" attribute is shown this price shows the total for the days for which the corresponding rooms can be priced.• Available – this shows as false when performing an ApartmentPriceBreakdownRequest and the apartment is not available or cannot be priced for part of the Period of Stay requested.
ApartmentItem	Apartment item details. See Apartment Item section.

13. Apartment Item

13.1 Overview

When a breakdown of prices is required for an apartment item they will be contained within the ApartmentItem sub-element.

13.2 Response

13.2.1 ApartmentItem sub-element

For a response the API will return the following attributes and sub-elements allowed for an ApartmentItem sub-element: -

Parameter	Description
PeriodOfStay	Specifies the period of stay.
ApartmentUnits	Specifies the apartment unit and the item supplements. See ApartmentUnit and ItemSupplements sub-element descriptions

13.3 PeriodOfStay sub-element

The following gives a list of sub-elements for a PeriodOfStay sub-element: -

Element	Description
CheckInDate	Specifies the date of check in.
CheckOutDate	Specifies the date of check out

13.4 ApartmentUnit sub-element

The following gives a list of attributes and sub-elements for an ApartmentUnit sub-element: -

Attribute	Description
Code	Specifies the unit code for the apartment.

Element	Description
UnitPrice	The price information at room level. Contains the following attributes: <ul style="list-style-type: none">Gross. NOTE: If the Available="false" attribute is shown this price shows the total for the days for which the room can be priced.Available – this shows as false when performing an ApartmentPriceBreakdownRequest and the unit type cannot be priced for part of the Period of Stay requested.
PriceRanges	Specifies one or more PriceRange elements – which are used to describe the breakdown of price information for a particular date range. See PriceRange definition below.

13.5 PriceRange sub-element

The following gives a list of sub-elements for a PriceRange sub-element: -

Element	Description
DateRange	The range of dates for which the price breakdown is applicable.

	Contains the following: - <ul style="list-style-type: none"> • FromDate – The start date for the range. • ToDate – The end date of the range
Price	The price information at night level. Contains the following attributes: <ul style="list-style-type: none"> • Nights – the number of consecutive nights the price is applicable. Will also show: - <p>EITHER</p> <ul style="list-style-type: none"> • Gross - the price applicable for each within the date range. <p>OR</p> <ul style="list-style-type: none"> • Available="false" Only shows when performing an ApartmentPriceBreakdownRequest and the apartment is not available or cannot be priced for part of the Period of Stay requested.

13.6 Availability (Closed and Client Include/exclude)

Where the period of stay specified is not fully available, the duration will be split into applicable date ranges and the price breakdown given only for the available date ranges.

For example where an Apartment Price Breakdown is requested for 29 Nov 2006 to 07 Dec 2006 and the apartment is not available between 02 Dec to 04 Dec, the price breakdown will show the following: -

- Price breakdown for 29 Nov 2006 to 01 Dec 2006
- 02 Dec 2006 to 04 Dec 2006 with **Available="false"**
- Price breakdown for 05 Dec 2006 to 07 Dec 2006

13.7 No price available

Where a period of stay cannot be fully priced, the duration will be split into applicable date ranges and the price breakdown given only for the date ranges where prices exist.

For example an Apartment Price Breakdown is requested for 29 Nov 2006 to 07 Dec 2006 and no price exists for the 02 Dec, the price breakdown will show the following: -

- Prices for 29 Nov 2006 to 01 Dec 2006
- 02 Dec 2006 to 02 Dec 2006 with **Available="false"**
- Prices for 03 Dec 2006 to 07 Dec 2006

14. Sightseeing Price Breakdown

14.1 Overview

The Sightseeing Price Breakdown provides the client with a price breakdown for a given sightseeing item. The client must specify search parameters to identify the price breakdown required.

14.2 Example XML Sightseeing Price Breakdown request

The XML message below gives a sample of the expected elements needed by the API to execute a Sightseeing Price Breakdown Request.

```
<?xml version="1.0" encoding="UTF-8"?>
<Request>
  <Source>
    <RequestorID Client="1483" EMailAddress="M@C.IE" Password="m" />
    <RequestorPreferences Language="en" Currency="GBP">
      <RequestMode>SYNCHRONOUS</RequestMode>
    </RequestorPreferences>
  </Source>
  <RequestDetails>
    <SightseeingPriceBreakdownRequest>
      <City>LON</City>
      <Item>ORIG01-GTA01</Item>
      <TourDate>2006-11-07</TourDate>
      <SpecialCode>JR</SpecialCode>
      <TourLanguage LanguageListCode="XG" Code="E"/>
      <NumberOfAdults>2</NumberOfAdults>
      <Children>
        <Age>5</Age>
        <Age>11</Age>
        <Age>14</Age>
      </Children>
    </SightseeingPriceBreakdownRequest>
  </RequestDetails>
</Request>
```

14.2.1 Source parameters

Please refer to the API Architecture document.

14.2.2 Sightseeing Price Breakdown parameters

This request will be used to retrieve the sightseeing price breakdown for the given search criteria. The following sub-elements must be specified: -

Parameters	Description
City	Mandatory. Specifies the city for the Item.
Item	Mandatory. Specifies the item (sightseeing) for which the price breakdown is required.
TourDate	Mandatory. Specifies the service date for the item
SpecialCode	Optional. Specifies any special code which may be associated with an item.
TourLanguage	Optional. Specifies the language list and/or the language, which the item is to use for pricing purposes. <ul style="list-style-type: none">LanguageListCode (Optional)

	<ul style="list-style-type: none"> Code (Optional)
NumberOfAdults	Mandatory. Specifies the number of pax aged over 18.
Children	Optional. List of child ages to process.

14.3 Example XML Sightseeing Price Breakdown response

The XML message below gives a sample of that given by the API in response to a Sightseeing Price Breakdown Request.

```
<?xml version="1.0" encoding="UTF-8"?>
<Response ResponseReference="34567">
  <ResponseDetails Language="en">
    <SightseeingPriceBreakdownResponse>
      <ItemCity Code="LON"><![CDATA[London]]></ItemCity>
      <Item Code="ORIG01-GTA01"><![CDATA[THE ORIGINAL LONDON SIGHTSEEING TOUR]]></Item>
      <ItemPrice Currency="GBP" Gross="85.75"/>
      <SightseeingItem>
        <TourDate>2006-11-04</TourDate>
        <PaxTypes>
          <PaxType Type="adult" Quantity="3" Gross="20.25" />
          <PaxType Type="child" Age="14" Quantity="1" Gross="12.50" />
          <PaxType Type="child" Age="11" Quantity="1" Gross="12.50" />
        </PaxTypes>
      </SightseeingItem>
    </SightseeingPriceBreakdownResponse>
  </ResponseDetails>
</Response>
```

14.3.1 Sightseeing Price Breakdown response parameters

The API will return the following Booking level sub-elements: -

Element	Description
ItemCity	The city name, the Code attribute specifies the GTA city code for the item.
Item	The item name, the Code attribute specifies the GTA code for the item.
ItemPrice	The booking item price information. Contains the following attributes: <ul style="list-style-type: none"> Currency – the currency ISO code of the price information. Gross.
SightseeingItem	Sightseeing item details. See Sightseeing Item section.

15. Sightseeing Item

15.1 Overview

When a breakdown of prices is required for a sightseeing item they will be contained within the SightseeingItem sub-element.

15.2 Response

15.2.1 Sightseeing Item sub-element

For a response the API will return the following attributes and sub-elements allowed for a SightseeingItem sub-element: -

Parameter	Description
TourDate	Date of service
PaxTypes	Container for one or more <PaxType> elements

15.2.2 PaxType sub-element

The following gives a list of attributes and sub-elements for a PaxType sub-element: -

Attribute	Description
Type	Specifies Adult / Child for the pax
Age	Age of pax when type attribute is set to child.
Quantity	The amount of pax types the price is applicable for.
Price	The cost of service for one of this pax type.

16. Search Hotel Rooms Price

16.1 Overview

The Search Hotel Rooms Price Request provides the client with the ability to search for and price available hotel rooms through the API, receiving the price and availability for each room type within each hotel. All requests will need to be sent in a SYNCHRONOUS mode; any requests send in an ASYNCHRONOUS mode will return an error.

This search can ONLY be used by clients on participation level 0. Please note this search will be unavailable to all new clients.

16.2 Example XML Search Hotel Rooms Price request

The XML message below gives a sample of the expected elements needed by the API to execute a Search Hotel Rooms Price Request.

```
<?xml version="1.0" encoding="UTF-8" ?>
<Request>
  <Source>
    <RequestorID Client="1479" EMailAddress="client@net.com" Password="xxx" />
    <RequestorPreferences Language="en" Currency="GBP" Country="GB">
      <RequestMode>SYNCHRONOUS</RequestMode>
    </RequestorPreferences>
  </Source>
  <RequestDetails>
    <SearchHotelRoomsPriceRequest>
      <ItemDestination DestinationType="city" DestinationCode="AMS" />
      <ImmediateConfirmationOnly />
      <PeriodOfStay>
        <CheckInDate>2007-09-30</CheckInDate>
        <Duration>4</Duration>
      </PeriodOfStay>
      <IncludeRecommended/>
      <StarRating MinimumRating="true">3</StarRating>
      <LocationCode>G1</LocationCode>
      <FacilityCodes>
        <FacilityCode>*SO</FacilityCode>
        <FacilityCode>*TE</FacilityCode>
      </FacilityCodes>
    </SearchHotelRoomsPriceRequest>
  </RequestDetails>
</Request>
```

16.2.1 Source parameters

Please refer to the API Architecture document.

16.2.2 Search Hotel Rooms Price attributes/parameters

A Search Hotel Rooms Price request can contain attributes/parameters to filter the hotels returned.

The request can contain the following attributes/parameters: -

Parameters	Description
ItemDestination	Mandatory. Used to return all items within the specified destination type ("area" or "city") and

	destination code.	
ImmediateConfirmationOnly	Optional. If present the response will contain results available only for immediate confirmation.	
ItemName	Optional. If specified all items containing the given characters will be returned. Note: Item names are not case sensitive.	
ItemCode	Optional. If specified the details for the single code will be returned.	
PeriodOfStay	Mandatory. Defines the check-in day and either the check-out day or the duration of stay (see below for further details).	
IncludeRecommended	Optional. If specified GTA recommended hotels will be indicated.	
RecommendedOnly	Optional. If specified only GTA recommended hotels will be returned.	
StarRating	Optional. Defines the star rating of the hotel. A match or a minimum value can be specified (see below for further details).	
	Attribute	Description
	MinimumRating	If set to “true” it will return all hotels for the specified star rating and higher. If set to “false” or omitted will return all hotels for the specified star rating only.
LocationCode	Optional. Used to return all items within the specified location code.	
FacilityCodes	Optional. A list of <FacilityCode> elements specifying requested facilities at the hotel, e.g. swimming pool, tennis courts etc.	

16.2.3 PeriodOfStay parameter

The following gives a list of sub-elements for a PeriodOfStay sub-element:

Element	Description
CheckInDate	Specifies the date of check in.
CheckOutDate or Duration	Specifies the date of check out OR the duration of stay.

16.2.4 StarRatingRange parameter

The client can request the StarRatingRange parameter instead of the StarRating parameter. These two parameters cannot work in conjunction.

An example of a <StarRatingRange> is shown below:

```
<StarRatingRange>
  <Min>1</Min>
  <Max>3</Max>
</StarRatingRange>
```

16.3 Example XML Search Hotel Price response

The XML message below gives a sample of that given by the API in response to a Search Hotel Rooms Price Request.

```
<?xml version="1.0" encoding="UTF-8"?>
<Response ResponseReference="REF_123_1155719151401">
  <ResponseDetails Language="en">
    <SearchHotelRoomsPriceResponse>
      <HotelDetails>
        <Hotel
          HasExtraInfo="true"
          HasMap="true"
          HasPictures="true">
            Recommended = "true">
              <City Code="WARW"><![CDATA[ Warwick ]]></City>
              <Item Code="EXP"><![CDATA[ EXPRESS BY HOLIDAY INN ]]></Item>
              <LocationDetails>
                <Location Code="G1"><![CDATA[ Central ]]></Location>
              </LocationDetails>
              <StarRating>5</StarRating>
              <HotelRoomPrices>
                <HotelRoom
                  Code="TB"
                  Description="Twin">
                    <RoomPrice
                      Gross="180.00"
                      Currency="USD"/>
                    <Confirmation Code="IM"><![CDATA[ AVAILABLE ]]></Confirmation>
                  </HotelRoom>
                <HotelRoom
                  Code="DB"
                  Description="Double">
                    <RoomPrice
                      Gross="180.00"
                      Currency="USD"/>
                    <Confirmation Code="IM"><![CDATA[ AVAILABLE ]]></Confirmation>
                  </HotelRoom>
                <HotelRoom
                  Code="CH"
                  Description="Child"
                  FromAge="2"
                  SharingBedding="false"
                  ToAge="5" >
                    <RoomPrice
                      Gross="80.00"
                      Currency="USD"/>
                    <Confirmation Code="OR"><![CDATA[ On Request ]]></Confirmation>
                  </HotelRoom>
                <HotelRoom
                  Code="CH"
                  Description="Child"
                  FromAge="6"
                  SharingBedding="false"
                  ToAge="18">
                    <RoomPrice
                      Gross="180.00"
                      Currency="USD"/>
                    <Confirmation Code="OR"><![CDATA[ On Request ]]></Confirmation>
                  </HotelRoom>
                <HotelRoom
                  Code="CT"
                  Description="Cot">
                    <RoomPrice
                      Gross=".00"
                      Currency="USD"/>
                    <Confirmation Code="OR"><![CDATA[ On Request ]]></Confirmation>
```



```

    </HotelRoom>
  </HotelRoomPrices>
  <Meals>
    <Basis Code="B"><![CDATA[ Breakfast included ]]></Basis>
    <Breakfast Code="H"><![CDATA[ Hot Buffet ]]></Breakfast>
  </Meals>
  <EssentialInformation>
    <Information>
      <Text><![CDATA[Complimentary dinner provided. ]]></Text>
      <DateRange>
        <FromDate>0001-01-01</FromDate>
        <ToDate>9999-12-31</ToDate>
      </DateRange>
    </Information>
  </EssentialInformation>
</Hotel>
<Hotel
  HasExtraInfo="true"
  HasMap="true"
  HasPictures="true">
  <City Code="WARW"><![CDATA[ Warwick ]]></City>
  <Item Code="HIL"><![CDATA[ HILTON]]></Item>
  <LocationDetails>
    <Location Code="G9"><![CDATA[ Near Center ]]></Location>
  </LocationDetails>
  <StarRating>4</StarRating>
  <HotelRoomPrices>
    <HotelRoom
      Code="TB"
      Description="Twin">
      <RoomPrice
        Gross="180.00"
        Currency="USD"
        GrossWithoutDiscount="240.00"
        IncludedOfferDiscount="60.00"/>
      <Confirmation Code="IM"><![CDATA[ AVAILABLE ]]></Confirmation>
    </HotelRoom>
    <HotelRoom
      Code="DB"
      Description="Double">
      <RoomPrice
        Gross="180.00"
        Currency="USD"
        GrossWithoutDiscount="240.00"
        IncludedOfferDiscount="60.00"/>
      <Confirmation Code="IM"><![CDATA[ AVAILABLE ]]></Confirmation>
    </HotelRoom>
    <HotelRoom
      Code="CH"
      Description="Child"
      FromAge="2"
      SharingBedding="false"
      ToAge="5">
      <RoomPrice
        Gross="80.00"
        Currency="USD"
        GrossWithoutDiscount="100.00"
        IncludedOfferDiscount="20.00"/>
      <Confirmation Code="OR"><![CDATA[ On Request]]></Confirmation>
    </HotelRoom>
    <HotelRoom
      Code="CH"
      Description="Child"
      FromAge="6"
      SharingBedding="false"
      ToAge="18">
      <RoomPrice
        Gross="180.00"
        Currency="USD"
        GrossWithoutDiscount="240.00"
        IncludedOfferDiscount="60.00"/>
      <Confirmation Code="OR"><![CDATA[ On Request]]></Confirmation>
    </HotelRoom>
  </HotelRoomPrices>
</Hotel>

```

```

        <HotelRoom
            Code="CT"
            Description="Cot">
            <RoomPrice
                Gross=".00"
                Currency="USD"/>
            <Confirmation Code="OR"><![CDATA[ On Request]]></Confirmation>
        </HotelRoom>
    </HotelRoomPrices>
    <Meals>
        <Basis Code="B"><![CDATA[ Breakfast included ]]></Basis>
        <Breakfast Code="H"><![CDATA[ Hot Buffet ]]></Breakfast>
    </Meals>
    <Offer Code="FNT"><![CDATA[ Free Night(s) ]]></Offer>
    <EssentialInformation>
        <Information>
            <Text><![CDATA[Complimentary dinner provided. ]]></Text>
            <DateRange>
                <FromDate>0001-01-01</FromDate>
                <ToDate>9999-12-31</ToDate>
            </DateRange>
        </Information>
    </EssentialInformation>
</Hotel>
</HotelDetails>
</SearchHotelRoomsPriceResponse>
</ResponseDetails>
</Response>

```

16.3.1 Search Hotel Rooms Price response parameters

The <HotelDetails> element can have zero or more <Hotel> sub-elements. Each <Hotel> element can have the following attributes/parameters: -

Attribute	Description
HasExtraInfo	If set to 'true' there is a report available for the hotel that can be retrieved through a SearchItemInformationRequest.
HasMap	If set to 'true' a local map for the hotel is available that can be retrieved through a SearchItemInformationRequest or a SearchLinkRequest.
HasPictures	If set to 'true' there are pictures available for the hotel that can be retrieved through the a SearchItemInformationRequest or a SearchLinkRequest.
Recommended	If set to 'true' the hotel returned will be a GTA recommended hotel.

Parameter	Description				
City	The city name in the language requested (if available).				
	<table> <tr> <th>Attribute</th><th>Description</th></tr> <tr> <td>Code</td><td>The unique city code held by GTA</td></tr> </table>	Attribute	Description	Code	The unique city code held by GTA
Attribute	Description				
Code	The unique city code held by GTA				

Parameter	Description
Item	The item name.

	Attribute	Description
	Code	The unique item code held by GTA

Parameter	Description
LocationDetails	A list of locations held for the item (see below for further details).
StarRating	The hotel's star rating.
HotelRoomPrices	A list of hotel room types for the item (see below for further details).
Meals	Describes the meal basis for the stay and the type of breakfast (see below for further details).

Parameter	Description	
Offer	The offer name.	
	Attribute	Description
	Code	The unique offer code held by GTA

Parameter	Description
EssentialInformation	The collection of <Information> tags for the item (see below for further details).

16.3.2 LocationDetails parameters

The following gives a list of attributes and sub-elements for a LocationDetails parameter:

Parameter	Description	
Location	The location name in the language requested (if available).	
	Attribute	Description
	Code	The unique location code held by GTA

16.3.2.1 Hotel Room parameters

The following gives a list of sub-elements for a HotelRoom parameter: -

Attribute	Description
Code	Room Code held by GTA.
Description	The description of the room code in the language requested (if available)
FromAge	The minimum child age the price applies to.
SharingBedding	Specifies if the child shares existing bedding. If "true" the child will be sharing existing bedding. If "false" the child

	will be provided with an extra bed.
ToAge	The maximum child age the price applies to.

Parameter	Description	
RoomPrice	The price details of the stay (see below for further details).	
	Attribute	Description
	Currency	The ISO currency code of the currency in which the RoomPrice, GrossWithoutDiscount and the IncludedOfferDiscount are returned in.
	Gross	The total price of the stay.
	GrossWithoutDiscount	The gross price without the discount being deducted.
	IncludedOfferDiscount	The discount that is being applied to the gross price.

Parameter	Description
Confirmation	Whether the specific room type in the specific hotel is available immediately or on request.

16.3.3 Meals parameters

The following gives a list of sub-elements for a Meals parameter: -

Parameter	Description	
Basis	The meal basis description in the language requested (if available).	
	Attribute	Description
	Code	Specifies the unique GTA meal basis code

Parameter	Description	
Breakfast	The breakfast description in the language requested (if available).	
	Attribute	Description
	Code	Specifies the unique GTA breakfast code

16.3.4 Essential Information parameters

The following gives a list of sub-elements for an EssentialInformation parameter: -

Element	Description
Information	Contains text and the date range it is applicable to

Text	The essential information description. In the language requested (if available).
DateRange	The FromDate and ToDate for the Essential Information.

17. Price and Availability Cache

17.1 Overview

The Price and Availability Cache requests provide the client with the ability to download a XML file which contains the price and availability data through the API. All requests must be sent in a ASYNCHRONOUS mode; any request sent in a SYNCHRONOUS mode will return an error. Clients will need to supply a response URL to enable us to push the response back. All responses will be compressed using gzip. The token retrieval method will not be available for this module.

It is possible to request the following:

- an XML file which contains the price and availability data
- an XML file which contains the availability data only
- an XML file which contains the price data only

These searches can be used by clients on Participation Levels 0 and 2. The output does not contain dynamic inventory.

17.2 Example XML Price and Availability Cache

The XML message below gives a sample of the expected elements needed by the API to execute a Price and Availability Cache request.

```
<?xml version="1.0" encoding="UTF-8" ?>
<Request>
  <Source>
    <RequestorID Client="123" EMailAddress="client@net.com" Password="xxx" />
    <RequestorPreferences Language="en" Currency="GBP" Country="GB">
      <RequestMode>ASYNCHRONOUS</RequestMode>
      <ResponseURL>/ProcessResponse/GetXML</ResponseURL>
    </RequestorPreferences>
  </Source>
  <RequestDetails>
    <PriceAndAvailabilityCacheRequest>
      <CurrencyCodes>
        <CurrencyCode>GBP</CurrencyCode>
        <CurrencyCode>USD</CurrencyCode>
      </CurrencyCodes>
      <PriceType>room</PriceType>
      <ItemDestinations>
        <ItemDestination DestinationType="city"
          DestinationCode="AMS" />
        <ItemDestination DestinationType="city"
          DestinationCode="PAR"
          ItemCode="ABC" />
      </ItemDestinations>
      <ImmediateConfirmationOnly/>
      <CacheDataFormatPL2/>
      <IncludeSpecialOffers/>
      <DateRange>
        <FromDate>2009-03-31</FromDate>
        <ToDate>2009-04-02</ToDate>
      </DateRange>
    </PriceAndAvailabilityCacheRequest>
  </RequestDetails>
</Request>
```

17.2.1 Source parameters

Please refer to the API Architecture document.

17.2.2 Price and Availability Cache request element/attributes

A Price and Availability Cache request can contain elements/attributes to filter the data

returned.

The request can contain the following elements/attributes:

Element	Description
CurrencyCodes	Optional. Used to determine a list of one or more currencies in which prices are to be returned.
CurrencyCode ISO 4217 format, 3 letters	Optional. Used to determine the currency in which prices are to be returned. Constrained by currencies permitted for client. If not specified, the default currency for the client will be used. Only ISO codes will be accepted.
PriceType	Mandatory. Used to specify whether the prices will be returned per person or per room ("person" or "room").
ItemDestinations	Mandatory. Used to specify a list of one or more destinations. A maximum of 50 cities can be specified in the request.
ImmediateConfirmationOnly	Optional. If present the response will contain results available only for immediate confirmation.
CacheDataFormatPL2	Optional. Used to specify the format of the output file to be that of Participation Level 2. If not specified, the format of the output file will that of Participation Level 0.
IncludeSpecialOffers	Optional. Used to specify whether the output will contain Offers
DateRange	Mandatory. Used to specify the date range for which the price and allotment information is required.
FromDate	Mandatory. The start date of the required date range.
ToDate	Mandatory. The end date of the required date range.

17.2.2.1 ItemDestinations element

The client can request a number of destinations through the <ItemDestinations> element. The latter is made up of a list of <ItemDestination> sub-elements:

Element	Description	
ItemDestination	Mandatory. Used to return all items within the specified destination type ("city") and destination code.	
	Attribute	Description
	DestinationType	Mandatory. Used to return all items within the specified DestinationType ("city") and destination code.
	DestinationCode	Mandatory. Used to return all items within the specified Destination Type ("city").
	ItemCode	Optional. If specified the details for the single item will be returned.

17.3 Example XML Price Cache

The XML message below gives a sample of the expected elements needed by the API to execute a Price Cache request.

```
<?xml version="1.0" encoding="UTF-8" ?>
<Request>
  <Source>
    <RequestorID Client="123" EMailAddress="client@net.com" Password="xxx" />
    <RequestorPreferences Language="en" Currency="GBP" Country="GB">
      <RequestMode>ASYNCHRONOUS</RequestMode>
    </RequestorPreferences>
    <ResponseURL>/ProcessResponse/GetXML</ResponseURL>
  </Source>
  <RequestDetails>
    <PriceCacheRequest>
      <CurrencyCodes>
        <CurrencyCode>GBP</CurrencyCode>
        <CurrencyCode>EUR</CurrencyCode>
      </CurrencyCodes>
      <PriceType>room</PriceType>
      <ItemDestinations>
        <ItemDestination DestinationType="city"
          DestinationCode="AMS"/>
        <ItemDestination DestinationType="city"
          DestinationCode="PAR"
          ItemCode="ABC"/>
      </ItemDestinations>
      <ImmediateConfirmationOnly/>
      <CacheDataFormatPL2/>
      <IncludeSpecialOffers/>
      <DateRange>
        <FromDate>2009-03-31</FromDate>
        <ToDate>2009-04-02</ToDate>
      </DateRange>
    </PriceCacheRequest>
  </RequestDetails>
</Request>
```

17.3.1 Source parameters

Please refer to the API Architecture document.

17.3.2 Search Price Cache request element/attributes

A Price Cache request can contain elements/attributes to filter the data returned.

The request can contain the following elements/attributes:

Element	Description
CurrencyCodes	Optional. Used to determine a list of one or more currencies in which prices are to be returned.
CurrencyCode ISO 4217 format, 3 letters	Optional. Used to determine the currency in which prices are to be returned. Constrained by currencies permitted for client. If not specified, the default currency for the client will be used. Only ISO codes will be accepted.
PriceType	Mandatory. Used to specify whether the prices will be returned per person or per room ("person" or "room").
ItemDestinations	Mandatory. Used to specify a list of one or more destinations. A maximum of 50 cities can be specified in the request.

ImmediateConfirmationOnly	Optional. If present the response will contain results available only for immediate confirmation.
CacheDataFormatPL2	Optional. Used to specify the format of the output file to be that of Participation Level 2. If not specified, the format of the output file will be that of Participation Level 0.
IncludeSpecialOffers	Optional. Used to specify whether the output will contain Offers
DateRange	Mandatory. Used to specify the date range for which the price and allotment information is required.
FromDate	Mandatory. The start date of the required date range.
ToDate	Mandatory. The end date of the required date range.

17.3.2.1 ItemDestinations element

The client can request a number of destinations through the <ItemDestinations> element. The latter is made up of a list of <ItemDestination> sub-elements:

Element	Description	
ItemDestination	Mandatory. Used to return all items within the specified destination type ("city") and destination code.	
	Attribute	Description
	DestinationType	Mandatory. Used to return all items within the specified DestinationType ("city") and destination code.
	DestinationCode	Mandatory. Used to return all items within the specified Destination Type ("city").
	ItemCode	Optional. If specified the details for the single item will be returned.

17.4 Example XML Availability Cache

The XML message below gives a sample of the expected elements needed by the API to execute an Availability Cache request.

```
<?xml version="1.0" encoding="UTF-8" ?>
<Request>
  <Source>
    <RequestorID Client="123" EMailAddress="client@net.com" Password="xxx" />
    <RequestorPreferences Language="en" Currency="GBP" Country="GB">
      <RequestMode>ASYNCHRONOUS</RequestMode>
      <ResponseURL>/ProcessResponse/GetXML</ResponseURL>
    </RequestorPreferences>
  </Source>
  <RequestDetails>
    <AvailabilityCacheRequest>
      <ItemDestinations>
        <ItemDestination DestinationType="city"
          DestinationCode="AMS"/>
        <ItemDestination DestinationType="city"
          DestinationCode="PAR">
```

```

ItemCode="ABC" />
    </ItemDestinations>
    <CacheDataFormatPL2/>
    <DateRange>
        <FromDate>2009-03-31</FromDate>
        <ToDate>2009-04-02</ToDate>
    </DateRange>
    </AvailabilityCacheRequest>
</RequestDetails>
</Request>

```

17.4.1 Source parameters

Please refer to the API Architecture document.

17.4.2 Search Availability Cache elements/attributes

An Availability Cache request can contain elements/attributes to filter the hotels returned.

The request can contain the following elements/attributes:

Elements	Description
ItemDestinations	Mandatory. Used to specify a list of one or more destinations. A maximum of 50 cities can be specified in the request.
CacheDataFormatPL2	Optional. Used to specify the format of the output file to be that of Participation Level 2. If not specified, the format of the output file will that of Participation Level 0.
DateRange	Mandatory. Used to specify the date range for which the price and allotment information is required.
FromDate	Mandatory. The start date of the required date range.
ToDate	Mandatory. The end date of the required date range.

17.4.2.1 ItemDestinations element

The client can request a number of destinations through the <ItemDestinations> element. The latter is made up of a list of <ItemDestination> sub-elements:

Element	Description	
ItemDestination	Mandatory. Used to return all items within the specified destination type ("city") and destination code.	
	Attribute	Description
	DestinationType	Mandatory. Used to return all items within the specified DestinationType ("city") and destination code.
	DestinationCode	Mandatory. Used to return all items within the specified Destination Type ("city").
	ItemCode	Optional. If specified the

	details for the single item will be returned.
--	---

17.5 Example XML Price and Availability Cache response

The XML message below gives a sample of that given by the API in response to a Price and Availability Cache request.

```
<?xml version="1.0" encoding="UTF-8"?>
<Response>
  <ResponseDetails>
    <PriceAndAvailabilityCacheResponse>
      <Hotels>
        <PriceType>room</PriceType>
        <Hotel>
          City = "LHR"
          Item = "KEN"
          RecommendedItem = "false">
          <Nights>
            <Night Date = "2013-09-05">
              <Rates>
                <Rate>
                  Meals = "B"
                  MinNights = "1"
                  MinPax = "1">
                    <Room>
                      Code = "CH"
                      FromAge = "2"
                      ToAge = "18">
                        <Prices>
                          <Price Currency = "GBP"><![CDATA[38.75]]></Price>
                        </Prices>
                      </Room>
                      <Room Code = "TS">
                        <Prices>
                          <Price Currency = "GBP"><![CDATA[103.75]]></Price>
                        </Prices>
                      </Room>
                      <Room Code = "TR">
                        <Prices>
                          <Price Currency = "GBP"><![CDATA[155.50]]></Price>
                        </Prices>
                      </Room>
                      <Room Code = "TB">
                        <Prices>
                          <Price Currency = "GBP"><![CDATA[103.75]]></Price>
                        </Prices>
                      </Room>
                      <Room Code = "SB">
                        <Prices>
                          <Price Currency = "GBP"><![CDATA[103.75]]></Price>
                        </Prices>
                      </Room>
                      <Room Code = "DB">
                        <Prices>
                          <Price Currency = "GBP"><![CDATA[103.75]]></Price>
                        </Prices>
                      </Room>
                      <Room Code = "Q">
                        <Prices>
                          <Price Currency = "GBP"><![CDATA[155.50]]></Price>
                        </Prices>
                      </Room>
                    </Rate>
                  </Rates>
                <Availability>
                  <Room Code = "CH" ToAge = "18" FromAge = "2">&lt;5</Room>
                  <Room Code = "TS">&lt;5</Room>
                  <Room Code = "TR">&lt;5</Room>
                  <Room Code = "TB">&lt;5</Room>
                  <Room Code = "SB">&lt;5</Room>
                  <Room Code = "DB">&lt;5</Room>
                  <Room Code = "Q">&lt;5</Room>
                </Availability>
              </Night>
            </Nights>
          <SpecialOffers>
            <SpecialOffer>
```

```

        <Offer Code = "LM">Last Minute Offer</Offer>
        <TravelDates>
            <FromDate>2013-09-01</FromDate>
            <ToDate>2013-09-15</ToDate>
        </TravelDates>
        <OfferType>I</OfferType>
        <EffectiveDates>
            <FromDate>2013-07-09</FromDate>
            <ToDate>9999-12-31</ToDate>
        </EffectiveDates>
        <StayForNights>2</StayForNights>
        <DiscountPercentage>5</DiscountPercentage>
        <AllowedArrivalDates>12345</AllowedArrivalDates>
        <ValidStayDates>12345</ValidStayDates>
        <BookWithin>10</BookWithin>
    </SpecialOffer>
</SpecialOffers>
</Hotel>
<Hotel>
    City = "LHR"
    Item = "KEN1"
    RecommendedItem = "false">
    <Nights>
        <Night Date = "2013-09-05">
            <Rates>
                <Rate>
                    Meals = "N"
                    MinNights = "1"
                    MinPax = "1">
                    <Room>
                        Code = "CH"
                        FromAge = "2"
                        ToAge = "18">
                        <Prices>
                            <Price Currency = "GBP"><![CDATA[38.75]]></Price>
                        </Prices>
                    </Room>
                    <Room Code = "TS">
                        <Prices>
                            <Price Currency = "GBP"><![CDATA[90.75]]></Price>
                        </Prices>
                    </Room>
                    <Room Code = "TR">
                        <Prices>
                            <Price Currency = "GBP"><![CDATA[103.75]]></Price>
                        </Prices>
                    </Room>
                    <Room Code = "TB">
                        <Prices>
                            <Price Currency = "GBP"><![CDATA[90.75]]></Price>
                        </Prices>
                    </Room>
                    <Room Code = "SB">
                        <Prices>
                            <Price Currency = "GBP"><![CDATA[90.75]]></Price>
                        </Prices>
                    </Room>
                    <Room Code = "DB">
                        <Prices>
                            <Price Currency = "GBP"><![CDATA[90.75]]></Price>
                        </Prices>
                    </Room>
                    <Room Code = "Q">
                        <Prices>
                            <Price Currency = "GBP"><![CDATA[103.75]]></Price>
                        </Prices>
                    </Room>
                </Rate>
            </Rates>
            <Availability>
                <Room Code = "CH" ToAge = "11" FromAge = "2"><![CDATA[5]]></Room>
                <Room Code = "TS"><![CDATA[5]]></Room>
                <Room Code = "TR"><![CDATA[5]]></Room>
                <Room Code = "TB"><![CDATA[5]]></Room>
                <Room Code = "SB"><![CDATA[5]]></Room>
                <Room Code = "DB"><![CDATA[5]]></Room>
                <Room Code = "Q"><![CDATA[5]]></Room>
            </Availability>
        </Night>
    </Nights>
    <SpecialOffers>
        <SpecialOffer>

```

```

        <Offer Code = "MN">Minimum Night Discount Offer</Offer>
        <TravelDates>
            <FromDate>2013-09-01</FromDate>
            <ToDate>2013-09-15</ToDate>
        </TravelDates>
        <OfferType>I</OfferType>
        <EffectiveDates>
            <FromDate>2013-07-09</FromDate>
            <ToDate>9999-12-31</ToDate>
        </EffectiveDates>
        <StayForNights>2</StayForNights>
        <DiscountPercentage>10</DiscountPercentage>
        <AllowedArrivalDates>12345</AllowedArrivalDates>
        <ValidStayDates>12345</ValidStayDates>
        <ApplicableOfferNights>12345</ApplicableOfferNights>
    </SpecialOffer>
</SpecialOffers>
</Hotel>
<Hotel
    City = "LHR"
    Item = "KEN2"
    RecommendedItem = "false">
    <Nights>
        <Night Date = "2013-09-05">
            <Rates>
                <Rate
                    Meals = "N"
                    MinNights = "1"
                    MinPax = "1">
                    <Room
                        Code = "CH"
                        FromAge = "2"
                        ToAge = "18">
                        <Prices>
                            <Price Currency = "GBP"><![CDATA[38.75]]></Price>
                        </Prices>
                    </Room>
                    <Room Code = "TS">
                        <Prices>
                            <Price Currency = "GBP"><![CDATA[64.75]]></Price>
                        </Prices>
                    </Room>
                    <Room Code = "TR">
                        <Prices>
                            <Price Currency = "GBP"><![CDATA[64.75]]></Price>
                        </Prices>
                    </Room>
                    <Room Code = "TB">
                        <Prices>
                            <Price Currency = "GBP"><![CDATA[64.75]]></Price>
                        </Prices>
                    </Room>
                    <Room Code = "SB">
                        <Prices>
                            <Price Currency = "GBP"><![CDATA[64.75]]></Price>
                        </Prices>
                    </Room>
                    <Room Code = "DB">
                        <Prices>
                            <Price Currency = "GBP"><![CDATA[64.75]]></Price>
                        </Prices>
                    </Room>
                    <Room Code = "Q">
                        <Prices>
                            <Price Currency = "GBP"><![CDATA[64.75]]></Price>
                        </Prices>
                    </Room>
                </Rate>
            </Rates>
            <Availability>
                <Room Code = "CH" ToAge = "11" FromAge = "2">>5</Room>
                <Room Code = "TS">>5</Room>
                <Room Code = "TR">>5</Room>
                <Room Code = "TB">>5</Room>
                <Room Code = "SB">>5</Room>
                <Room Code = "DB">>5</Room>
                <Room Code = "Q">>5</Room>
            </Availability>
        </Night>
    </Nights>
</SpecialOffers>
<SpecialOffer>

```

```

        <Offer Code = "MN">Minimum Night Discount Offer</Offer>
        <TravelDates>
            <FromDate>2013-09-01</FromDate>
            <ToDate>2013-09-15</ToDate>
        </TravelDates>
        <OfferType>I</OfferType>
        <EffectiveDates>
            <FromDate>2013-07-09</FromDate>
            <ToDate>9999-12-31</ToDate>
        </EffectiveDates>
        <StayForNights>2</StayForNights>
        <DiscountPercentage>10</DiscountPercentage>
        <AllowedArrivalDates>12345</AllowedArrivalDates>
        <ValidStayDates>12345</ValidStayDates>
        <ApplicableOfferNights>12345</ApplicableOfferNights>
    </SpecialOffer>
</SpecialOffers>
</Hotel>
<Hotel>
    City = "LHR"
    Item = "KEN3"
    RecommendedItem = "false"
    <Nights>
        <Night Date = "2013-09-05">
            <Rates>
                <Rate>
                    Meals = "I"
                    MinNights = "1"
                    MinPax = "1"
                    <Room>
                        Code = "CH"
                        FromAge = "2"
                        ToAge = "18"
                        <Prices>
                            <Price Currency = "GBP"><![CDATA[38.75]]></Price>
                        </Prices>
                    </Room>
                    <Room Code = "TS">
                        <Prices>
                            <Price Currency = "GBP"><![CDATA[518.25]]></Price>
                        </Prices>
                    </Room>
                    <Room Code = "TB">
                        <Prices>
                            <Price Currency = "GBP"><![CDATA[518.25]]></Price>
                        </Prices>
                    </Room>
                    <Room Code = "SB">
                        <Prices>
                            <Price Currency = "GBP"><![CDATA[388.50]]></Price>
                        </Prices>
                    </Room>
                </Rate>
            </Rates>
            <Availability>
                <Room Code = "CH" ToAge = "11" FromAge = "2">&#5</Room>
                <Room Code = "TS">2</Room>
                <Room Code = "TB">2</Room>
                <Room Code = "SB">2</Room>
            </Availability>
        </Night>
    </Nights>
    <SpecialOffers>
        <SpecialOffer>
            <Offer Code = "EB">Early Bird Offer</Offer>
            <TravelDates>
                <FromDate>2013-09-01</FromDate>
                <ToDate>2013-09-15</ToDate>
            </TravelDates>
            <OfferType>I</OfferType>
            <EffectiveDates>
                <FromDate>2013-09-01</FromDate>
                <ToDate>9999-12-31</ToDate>
            </EffectiveDates>
            <StayForNights>2</StayForNights>
            <DiscountPercentage>10</DiscountPercentage>
            <AllowedArrivalDates>12345</AllowedArrivalDates>
            <ValidStayDates>12345</ValidStayDates>
            <BookBeforeDays>10</BookBeforeDays>
        </SpecialOffer>
        <SpecialOffer>
            <Offer Code = "FNN">Free Night</Offer>

```

```

        <TravelDates>
            <FromDate>2013-09-01</FromDate>
            <ToDate>2013-09-15</ToDate>
        </TravelDates>
        <OfferType>I</OfferType>
        <EffectiveDates>
            <FromDate>2013-05-30</FromDate>
            <ToDate>9999-12-31</ToDate>
        </EffectiveDates>
        <StayForNights>7</StayForNights>
        <PayForNights>5</PayForNights>
        <MaximumNightsFree>1</MaximumNightsFree>
        <AllowedArrivalDates>12345</AllowedArrivalDates>
        <ValidStayDates>12345</ValidStayDates>
        <ApplicableOfferNights>12345</ApplicableOfferNights>
    </SpecialOffer>
</SpecialOffers>
</Hotel>
</Hotels>
</PriceAndAvailabilityCacheResponse>
</ResponseDetails>
</Response>

```

Table 1. Price And Availability Cache response – Participation Level 0

```

<?xml version="1.0" encoding="UTF-8"?>
<Response>
  <ResponseDetails>
    <PriceAndAvailabilityCacheResponse>
      <Hotels>
        <PriceType>room</PriceType>
        <Hotel City="LHR" Item="KEN" RecommendedItem="false">
          <RoomCategories>
            <RoomCategory Id="001:KEN3:5745:S1721:16912:13999">
              <Description><![CDATA[TWN]]></Description>
              <Nights>
                <Night Date="2013-09-01">
                  <Rates>
                    <Rate Meals="I" MinNights="1" MinPax="1">
                      <Room Code="CH" FromAge="2" ToAge="18">
                        <Prices>
                          <Price Currency="GBP"><![CDATA[38.75]]></Price>
                        </Prices>
                      </Room>
                      <Room Code="TS">
                        <Prices>
                          <Price Currency="GBP"><![CDATA[518.25]]></Price>
                        </Prices>
                      </Room>
                      <Room Code="TB">
                        <Prices>
                          <Price Currency="GBP"><![CDATA[518.25]]></Price>
                        </Prices>
                      </Room>
                      <Room Code="SB">
                        <Prices>
                          <Price Currency="GBP"><![CDATA[518.25]]></Price>
                        </Prices>
                      </Room>
                    </Rate>
                  </Rates>
                  <Availability>
                    <Room Code="CH" FromAge="2" ToAge="18">&lt;5</Room>
                    <Room Code="TS">&lt;5</Room>
                    <Room Code="TB">&lt;5</Room>
                    <Room Code="SB">&lt;5</Room>
                  </Availability>
                </Night>
              </Nights>
            </SpecialOffers>
            <SpecialOffer>
              <Offer Code="EB">Early Bird Offer</Offer>
              <TravelDates>
                <FromDate>2013-09-01</FromDate>
                <ToDate>2013-09-15</ToDate>
              </TravelDates>
              <OfferType>I</OfferType>
              <EffectiveDates>
                <FromDate>2013-09-01</FromDate>
                <ToDate>9999-12-31</ToDate>
              </EffectiveDates>
            </SpecialOffer>
          </SpecialOffers>
        </Hotel>
      </Hotels>
    </PriceAndAvailabilityCacheResponse>
  </ResponseDetails>
</Response>

```

```

</EffectiveDates>
<StayForNights>5</StayForNights>
<DiscountPercentage>10</DiscountPercentage>
<AllowedArrivalDates>13567</AllowedArrivalDates>
<ValidStayDates>13567</ValidStayDates>
<BookBeforeDays>10</BookBeforeDays>
</SpecialOffer>
<SpecialOffer>
  <Offer Code="FNN">Free Nights</Offer>
  <TravelDates>
    <FromDate>2013-09-01</FromDate>
    <ToDate>2013-09-15</ToDate>
  </TravelDates>
  <OfferType>I</OfferType>
  <EffectiveDates>
    <FromDate>2013-05-30</FromDate>
    <ToDate>9999-12-31</ToDate>
  </EffectiveDates>
  <StayForNights>7</StayForNights>
  <PayForNights>5</PayForNights>
  <MaximumNightsFree>1</MaximumNightsFree>
  <AllowedArrivalDates>1234567</AllowedArrivalDates>
  <ValidStayDates>1234567</ValidStayDates>
  <ApplicableOfferNights>56</ApplicableOfferNights>
</SpecialOffer>
</SpecialOffers>
</RoomCategory>
<RoomCategory Id="001:KEN:5745:S1721:6549:9291">
  <Description><![CDATA[KING]]></Description>
  <Nights>
    <Night Date="2013-09-01">
      <Rates>
        <Rate Meals="B" MinNights="1" MinPax="1">
          <Room Code="CH" FromAge="2" ToAge="18">
            <Prices>
              <Price Currency="GBP"><![CDATA[38.75]]></Price>
            </Prices>
          </Room>
          <Room Code="TS">
            <Prices>
              <Price Currency="GBP"><![CDATA[103.75]]></Price>
            </Prices>
          </Room>
          <Room Code="TB">
            <Prices>
              <Price Currency="GBP"><![CDATA[103.75]]></Price>
            </Prices>
          </Room>
          <Room Code="SB">
            <Prices>
              <Price Currency="GBP"><![CDATA[103.75]]></Price>
            </Prices>
          </Room>
          <Room Code="DB">
            <Prices>
              <Price Currency="GBP"><![CDATA[103.75]]></Price>
            </Prices>
          </Room>
        </Rate>
      </Rates>
      <Availability>
        <Room Code="CH" FromAge="2" ToAge="18">&lt;5</Room>
        <Room Code="TS">&lt;5</Room>
        <Room Code="TB">&lt;5</Room>
        <Room Code="SB">&lt;5</Room>
        <Room Code="DB">&lt;5</Room>
      </Availability>
    </Night>
  </Nights>
</SpecialOffers>
<SpecialOffer>
  <Offer Code="LM">Last Minute Offer</Offer>
  <TravelDates>
    <FromDate>2013-09-01</FromDate>
    <ToDate>2013-09-15</ToDate>
  </TravelDates>
  <OfferType>I</OfferType>
  <EffectiveDates>
    <FromDate>2013-07-09</FromDate>
    <ToDate>9999-12-31</ToDate>
  </EffectiveDates>
  <StayForNights>7</StayForNights>

```



```

        <DiscountPercentage>5</DiscountPercentage>
        <AllowedArrivalDates>12347</AllowedArrivalDates>
        <ValidStayDates>12347</ValidStayDates>
        <BookWithin>10</BookWithin>
    </SpecialOffer>
</SpecialOffers>
</RoomCategory>
<RoomCategory Id="001:KEN2:5745:S1721:2664:9293">
    <Description><![CDATA[KING]]></Description>
    <Nights>
        <Night Date="2013-09-01">
            <Rates>
                <Rate Meals="N" MinNights="1" MinPax="1">
                    <Room Code="CH" FromAge="2" ToAge="18">
                        <Prices>
                            <Price Currency="GBP"><![CDATA[38.75]]></Price>
                        </Prices>
                    </Room>
                    <Room Code="TS">
                        <Prices>
                            <Price Currency="GBP"><![CDATA[77.75]]></Price>
                        </Prices>
                    </Room>
                    <Room Code="TB">
                        <Prices>
                            <Price Currency="GBP"><![CDATA[77.75]]></Price>
                        </Prices>
                    </Room>
                    <Room Code="SB">
                        <Prices>
                            <Price Currency="GBP"><![CDATA[77.75]]></Price>
                        </Prices>
                    </Room>
                    <Room Code="DB">
                        <Prices>
                            <Price Currency="GBP"><![CDATA[77.75]]></Price>
                        </Prices>
                    </Room>
                </Rate>
            </Rates>
            <Availability>
                <Room Code="CH" FromAge="2" ToAge="18">&lt;5</Room>
                <Room Code="TS">&lt;5</Room>
                <Room Code="TB">&lt;5</Room>
                <Room Code="SB">&lt;5</Room>
                <Room Code="DB">&lt;5</Room>
            </Availability>
        </Night>
    </Nights>
    <SpecialOffers>
        <SpecialOffer>
            <Offer Code="MN">Minimum Night Discount Offer</Offer>
            <TravelDates>
                <FromDate>2013-09-01</FromDate>
                <ToDate>2013-09-15</ToDate>
            </TravelDates>
            <OfferType>I</OfferType>
            <EffectiveDates>
                <FromDate>2013-07-09</FromDate>
                <ToDate>9999-12-31</ToDate>
            </EffectiveDates>
            <StayForNights>5</StayForNights>
            <DiscountPercentage>10</DiscountPercentage>
            <AllowedArrivalDates>12345</AllowedArrivalDates>
            <ValidStayDates>12345</ValidStayDates>
            <ApplicableOfferNights>12345</ApplicableOfferNights>
        </SpecialOffer>
    </SpecialOffers>
</RoomCategory>
<RoomCategory Id="001:KEN1:5745:S1721:2664:9292">
    <Description><![CDATA[KING]]></Description>
    <Nights>
        <Night Date="2013-09-01">
            <Rates>
                <Rate Meals="N" MinNights="1" MinPax="1">
                    <Room Code="CH" FromAge="2" ToAge="18">
                        <Prices>
                            <Price Currency="GBP"><![CDATA[38.75]]></Price>
                        </Prices>
                    </Room>
                    <Room Code="TS">
                        <Prices>

```

```

        <Price Currency="GBP"><![CDATA[90.75]]></Price>
      </Prices>
    </Room>
    <Room Code="TB">
      <Prices>
        <Price Currency="GBP"><![CDATA[90.75]]></Price>
      </Prices>
    </Room>
    <Room Code="SB">
      <Prices>
        <Price Currency="GBP"><![CDATA[90.75]]></Price>
      </Prices>
    </Room>
    <Room Code="DB">
      <Prices>
        <Price Currency="GBP"><![CDATA[90.75]]></Price>
      </Prices>
    </Room>
  </Rate>
</Rates>
<Availability>
  <Room Code="CH" FromAge="2" ToAge="18">&lt;5</Room>
  <Room Code="TS">&lt;5</Room>
  <Room Code="TB">&lt;5</Room>
  <Room Code="SB">&lt;5</Room>
  <Room Code="DB">&lt;5</Room>
</Availability>
</Night>
</Nights>
<SpecialOffers>
  <SpecialOffer>
    <Offer Code="MN">Minimum Night Discount Offer</Offer>
    <TravelDates>
      <FromDate>2013-09-01</FromDate>
      <ToDate>2013-09-15</ToDate>
    </TravelDates>
    <OfferType>I</OfferType>
    <EffectiveDates>
      <FromDate>2013-07-09</FromDate>
      <ToDate>9999-12-31</ToDate>
    </EffectiveDates>
    <StayForNights>5</StayForNights>
    <DiscountPercentage>10</DiscountPercentage>
    <AllowedArrivalDates>12345</AllowedArrivalDates>
    <ValidStayDates>12345</ValidStayDates>
    <ApplicableOfferNights>12345</ApplicableOfferNights>
  </SpecialOffer>
</SpecialOffers>
</RoomCategory>
<RoomCategory Id="001:KEN:5745:S1721:6549:9296">
  <Description><![CDATA[SUITE]]></Description>
  <Nights>
    <Night Date="2013-09-01">
      <Rates>
        <Rate Meals="B" MinNights="1" MinPax="1">
          <Room Code="TS">
            <Prices>
              <Price Currency="GBP"><![CDATA[155.50]]></Price>
            </Prices>
          </Room>
          <Room Code="TR">
            <Prices>
              <Price Currency="GBP"><![CDATA[155.50]]></Price>
            </Prices>
          </Room>
          <Room Code="TB">
            <Prices>
              <Price Currency="GBP"><![CDATA[155.50]]></Price>
            </Prices>
          </Room>
          <Room Code="SB">
            <Prices>
              <Price Currency="GBP"><![CDATA[155.50]]></Price>
            </Prices>
          </Room>
          <Room Code="DB">
            <Prices>
              <Price Currency="GBP"><![CDATA[155.50]]></Price>
            </Prices>
          </Room>
          <Room Code="Q">
            <Prices>

```

```

        <Price Currency="GBP"><![CDATA[155.50]]></Price>
      </Prices>
    </Room>
  </Rate>
</Rates>
<Availability>
  <Room Code="TS">&lt;5</Room>
  <Room Code="TR">&lt;5</Room>
  <Room Code="TB">&lt;5</Room>
  <Room Code="SB">&lt;5</Room>
  <Room Code="DB">&lt;5</Room>
  <Room Code="Q">&lt;5</Room>
</Availability>
</Night>
</Nights>
<SpecialOffers>
  <SpecialOffer>
    <Offer Code="LM">Last Minute Offer</Offer>
    <TravelDates>
      <FromDate>2013-09-01</FromDate>
      <ToDate>2013-09-15</ToDate>
    </TravelDates>
    <OfferType>I</OfferType>
    <EffectiveDates>
      <FromDate>2013-07-09</FromDate>
      <ToDate>9999-12-31</ToDate>
    </EffectiveDates>
    <StayForNights>&lt;5</StayForNights>
    <DiscountPercentage>5</DiscountPercentage>
    <AllowedArrivalDates>12347</AllowedArrivalDates>
    <ValidStayDates>12347</ValidStayDates>
    <BookWithin>10</BookWithin>
  </SpecialOffer>
</SpecialOffers>
</RoomCategory>
<RoomCategory Id="001:KEN1:5745:S1721:2664:9295">
  <Description><![CDATA[SUITE]]></Description>
  <Nights>
    <Night Date="2013-09-01">
      <Rates>
        <Rate Meals="N" MinNights="1" MinPax="1">
          <Room Code="TS">
            <Prices>
              <Price Currency="GBP"><![CDATA[103.75]]></Price>
            </Prices>
          </Room>
          <Room Code="TR">
            <Prices>
              <Price Currency="GBP"><![CDATA[103.75]]></Price>
            </Prices>
          </Room>
          <Room Code="TB">
            <Prices>
              <Price Currency="GBP"><![CDATA[103.75]]></Price>
            </Prices>
          </Room>
          <Room Code="SB">
            <Prices>
              <Price Currency="GBP"><![CDATA[103.75]]></Price>
            </Prices>
          </Room>
          <Room Code="DB">
            <Prices>
              <Price Currency="GBP"><![CDATA[103.75]]></Price>
            </Prices>
          </Room>
          <Room Code="Q">
            <Prices>
              <Price Currency="GBP"><![CDATA[103.75]]></Price>
            </Prices>
          </Room>
        </Rate>
      </Rates>
      <Availability>
        <Room Code="TS">&lt;5</Room>
        <Room Code="TR">&lt;5</Room>
        <Room Code="TB">&lt;5</Room>
        <Room Code="SB">&lt;5</Room>
        <Room Code="DB">&lt;5</Room>
        <Room Code="Q">&lt;5</Room>
      </Availability>
    </Night>
  </Nights>

```

```

</Nights>
<SpecialOffers>
  <SpecialOffer>
    <Offer Code="MN">Minimum Night Discount Offer</Offer>
    <TravelDates>
      <FromDate>2013-09-01</FromDate>
      <ToDate>2013-09-15</ToDate>
    </TravelDates>
    <OfferType>I</OfferType>
    <EffectiveDates>
      <FromDate>2013-07-09</FromDate>
      <ToDate>9999-12-31</ToDate>
    </EffectiveDates>
    <StayForNights>5</StayForNights>
    <DiscountPercentage>10</DiscountPercentage>
    <AllowedArrivalDates>12345</AllowedArrivalDates>
    <ValidStayDates>12345</ValidStayDates>
    <ApplicableOfferNights>12345</ApplicableOfferNights>
  </SpecialOffer>
</SpecialOffers>
</RoomCategory>
<RoomCategory Id="001:KEN3:5745:S1721:16912:14000">
  <Description><![CDATA[SGL]]></Description>
  <Nights>
    <Night Date="2013-09-01">
      <Rates>
        <Rate Meals="I" MinNights="1" MinPax="1">
          <Room Code="SB">
            <Prices>
              <Price Currency="GBP"><![CDATA[388.50]]></Price>
            </Prices>
          </Room>
        </Rate>
      </Rates>
      <Availability>
        <Room Code="SB">&lt;5</Room>
      </Availability>
    </Night>
  </Nights>
  <SpecialOffers>
    <SpecialOffer>
      <Offer Code="EB">Early Bird Offer</Offer>
      <TravelDates>
        <FromDate>2013-09-01</FromDate>
        <ToDate>2013-09-15</ToDate>
      </TravelDates>
      <OfferType>I</OfferType>
      <EffectiveDates>
        <FromDate>2013-09-01</FromDate>
        <ToDate>9999-12-31</ToDate>
      </EffectiveDates>
      <StayForNights>5</StayForNights>
      <DiscountPercentage>10</DiscountPercentage>
      <AllowedArrivalDates>13567</AllowedArrivalDates>
      <ValidStayDates>13567</ValidStayDates>
      <BookBeforeDays>10</BookBeforeDays>
    </SpecialOffer>
    <SpecialOffer>
      <Offer Code="FNN">Free Night</Offer>
      <TravelDates>
        <FromDate>2013-09-01</FromDate>
        <ToDate>2013-09-15</ToDate>
      </TravelDates>
      <OfferType>I</OfferType>
      <EffectiveDates>
        <FromDate>2013-05-30</FromDate>
        <ToDate>9999-12-31</ToDate>
      </EffectiveDates>
      <StayForNights>7</StayForNights>
      <PayForNights>5</PayForNights>
      <MaximumNightsFree>1</MaximumNightsFree>
      <AllowedArrivalDates>1234567</AllowedArrivalDates>
      <ValidStayDates>1234567</ValidStayDates>
      <ApplicableOfferNights>56</ApplicableOfferNights>
    </SpecialOffer>
  </SpecialOffers>
</RoomCategory>
</RoomCategories>
</Hotel>
</Hotels>
</PriceAndAvailabilityCacheResponse>
</ResponseDetails>

```

</Response>	

17.5.1 Price and Availability Cache response parameters

The Price and Availability Cache response will return the following elements/attributes:

Element	Description	
Hotels	A list of the hotels requested.	
PriceType	Specifies whether the price is applicable per person or per room ("person" or "room").	
ImmediateConfirmationOnly	Specifies whether the response contains results for immediate confirmation only.	
Hotel	Specifies the module for which the results are returned. Only available for "hotel" at the moment.	
	Attribute	Description
	RecommendedItem	If set as 'true' indicated that the hotel is recommended by GTA.
	Item	The item code held by GTA.
	City	The unique city code held by GTA.
RoomCategories	A list of room categories. This is an optional parameter dependant on the client's Participation Level: - Level 0: No output Level 2: Output	
RoomCategory	A list of one or more room category sub-elements.	
	Id	Specifies the category of the room.
Description	Specifies the room category name.	
Nights	A list of one or more dates the price and availability information applies to.	
Night	The specific date for which the given price and availability applies to.	
	Attribute	Description
	Date	The date for which the given price and availability applies to.
Rates	A list of rates for all applicable room types.	
Rate	The rate for the specific room type.	
	Attribute	Description
	Meals	The code of the meal(s)

		included in the rate.
	MinNights	Indicates whether a minimum number of nights has to be booked to qualify for the given price.
	MinPax	Indicates whether a minimum number of pax has to be booked to qualify for the given price.
Room	The specific room code the price is applicable for.	
	Attribute	Description
	Code	The room code the price is applicable for.
	FromAge	Specifies the minimum child age the rate is applicable for.
	ToAge	Specifies the maximum child age the rate is applicable for.
Prices	A list of prices applicable for each room code.	
Price	The price applicable for the room code	
	Attribute	Description
	Currency	The code of the requested currency.
Availability	The availability for the room code.	
Room	The room code which the availability is applicable for.	
	Attribute	Description
	Code	The room code which the availability is applicable for.
	FromAge	Specifies the minimum child age the rate is applicable for
	ToAge	Specifies the maximum child age the rate is applicable for.

17.5.1.1 Special Offers parameters

If the parameter `<IncludeSpecialOffers/>` has been specified in the `< PriceAndAvailabilityCacheRequest >` the response will include the special offers.

Please refer to Specification document Static 2.3 paragraphs 23.3.3 for the details of these parameters.

17.6 Example XML Price Cache response

The XML message below gives a sample of that given by the API in response to a Price Cache request.

```

<?xml version="1.0" encoding="UTF-8"?>
<Response>
  <ResponseDetails>
    <PriceCacheResponse>
      <Hotels>
        <PriceType>room</PriceType>
        <Hotel City="LHR" Item="KEN" RecommendedItem="false">
          <Nights>
            <Night Date="2013-09-05">
              <Rates>
                <Rate Meals="B" MinNights="1" MinPax="1">
                  <Room Code="CH" FromAge="2" ToAge="18">
                    <Prices>
                      <Price Currency="GBP"><![CDATA[38.75]]></Price>
                    </Prices>
                  </Room>
                  <Room Code="TS">
                    <Prices>
                      <Price Currency="GBP"><![CDATA[103.75]]></Price>
                    </Prices>
                  </Room>
                  <Room Code="TR">
                    <Prices>
                      <Price Currency="GBP"><![CDATA[155.50]]></Price>
                    </Prices>
                  </Room>
                  <Room Code="TB">
                    <Prices>
                      <Price Currency="GBP"><![CDATA[103.75]]></Price>
                    </Prices>
                  </Room>
                  <Room Code="SB">
                    <Prices>
                      <Price Currency="GBP"><![CDATA[103.75]]></Price>
                    </Prices>
                  </Room>
                  <Room Code="DB">
                    <Prices>
                      <Price Currency="GBP"><![CDATA[103.75]]></Price>
                    </Prices>
                  </Room>
                  <Room Code="Q">
                    <Prices>
                      <Price Currency="GBP"><![CDATA[155.50]]></Price>
                    </Prices>
                  </Room>
                </Rate>
              </Rates>
            </Night>
          </Nights>
          <SpecialOffers>
            <SpecialOffer>
              <Offer Code="LM">Last Minute Offer</Offer>
              <TravelDates>
                <FromDate>2013-09-01</FromDate>
                <ToDate>2013-09-15</ToDate>
              </TravelDates>
              <OfferType>I</OfferType>
              <EffectiveDates>
                <FromDate>2013-07-09</FromDate>
                <ToDate>9999-12-31</ToDate>
              </EffectiveDates>
              <StayForNights>2</StayForNights>
              <DiscountPercentage>5</DiscountPercentage>
              <AllowedArrivalDates>12345</AllowedArrivalDates>
              <ValidStayDates>112345</ValidStayDates>
              <BookWithin>10</BookWithin>
            </SpecialOffer>
          </SpecialOffers>
        </Hotel>
        <Hotel City="LHR" Item="KEN2" RecommendedItem="false">
          <Nights>
            <Night Date="2013-09-05">
              <Rates>
                <Rate Meals="N" MinNights="1" MinPax="1">
                  <Room Code="CH" FromAge="2" ToAge="18">
                    <Prices>
                      <Price Currency="GBP"><![CDATA[38.75]]></Price>
                    </Prices>
                  </Room>
                  <Room Code="TS">

```

```

        <Prices>
          <Price Currency="GBP"><![CDATA[64.75]]></Price>
        </Prices>
      </Room>
      <Room Code="TR">
        <Prices>
          <Price Currency="GBP"><![CDATA[64.75]]></Price>
        </Prices>
      </Room>
      <Room Code="TB">
        <Prices>
          <Price Currency="GBP"><![CDATA[64.75]]></Price>
        </Prices>
      </Room>
      <Room Code="SB">
        <Prices>
          <Price Currency="GBP"><![CDATA[64.75]]></Price>
        </Prices>
      </Room>
      <Room Code="DB">
        <Prices>
          <Price Currency="GBP"><![CDATA[64.75]]></Price>
        </Prices>
      </Room>
      <Room Code="Q">
        <Prices>
          <Price Currency="GBP"><![CDATA[64.75]]></Price>
        </Prices>
      </Room>
    </Rate>
  </Rates>
</Nights>
</Nights>
<SpecialOffers>
  <SpecialOffer>
    <Offer Code="MN">Minimum Night Discount Offer</Offer>
    <TravelDates>
      <FromDate>2013-09-01</FromDate>
      <ToDate>2013-09-15</ToDate>
    </TravelDates>
    <OfferType>I</OfferType>
    <EffectiveDates>
      <FromDate>2013-07-09</FromDate>
      <ToDate>9999-12-31</ToDate>
    </EffectiveDates>
    <StayForNights>2</StayForNights>
    <DiscountPercentage>10</DiscountPercentage>
    <AllowedArrivalDates>12345</AllowedArrivalDates>
    <ValidStayDates>12345</ValidStayDates>
    <ApplicableOfferNights>12345</ApplicableOfferNights>
  </SpecialOffer>
</SpecialOffers>
</Hotel>
<Hotel City="LHR" Item="KEN3" RecommendedItem="false">
  <Nights>
    <Night Date="2013-09-05">
      <Rates>
        <Rate Meals="I" MinNights="1" MinPax="1">
          <Room Code="CH" FromAge="2" ToAge="18">
            <Prices>
              <Price Currency="GBP"><![CDATA[38.75]]></Price>
            </Prices>
          </Room>
          <Room Code="TS">
            <Prices>
              <Price Currency="GBP"><![CDATA[518.25]]></Price>
            </Prices>
          </Room>
          <Room Code="TB">
            <Prices>
              <Price Currency="GBP"><![CDATA[518.25]]></Price>
            </Prices>
          </Room>
          <Room Code="SB">
            <Prices>
              <Price Currency="GBP"><![CDATA[388.50]]></Price>
            </Prices>
          </Room>
        </Rate>
      </Rates>
    </Night>
  </Nights>
</SpecialOffers>

```



```

<SpecialOffer>
  <Offer Code="EB">Early Bird Offer</Offer>
  <TravelDates>
    <FromDate>2013-09-01</FromDate>
    <ToDate>2013-09-15</ToDate>
  </TravelDates>
  <OfferType>I</OfferType>
  <EffectiveDates>
    <FromDate>2013-09-01</FromDate>
    <ToDate>9999-12-31</ToDate>
  </EffectiveDates>
  <StayForNights>2</StayForNights>
  <DiscountPercentage>10</DiscountPercentage>
  <AllowedArrivalDates>12345</AllowedArrivalDates>
  <ValidStayDates>12345</ValidStayDates>
  <BookBeforeDays>10</BookBeforeDays>
</SpecialOffer>
<SpecialOffer>
  <Offer Code="FNN">Free Night</Offer>
  <TravelDates>
    <FromDate>2013-09-01</FromDate>
    <ToDate>2013-09-15</ToDate>
  </TravelDates>
  <OfferType>I</OfferType>
  <EffectiveDates>
    <FromDate>2013-05-30</FromDate>
    <ToDate>9999-12-31</ToDate>
  </EffectiveDates>
  <StayForNights>7</StayForNights>
  <PayForNights>5</PayForNights>
  <MaximumNightsFree>-1</MaximumNightsFree>
  <AllowedArrivalDates>12345</AllowedArrivalDates>
  <ValidStayDates>12345</ValidStayDates>
  <ApplicableOfferNights>12345</ApplicableOfferNights>
</SpecialOffer>
</SpecialOffers>
</Hotel>
</Hotels>
</PriceCacheResponse>
</ResponseDetails>
</Response>

```

Table 3. Price Cache response – Participation Level 0

```

PL2<?xml version="1.0" encoding="UTF-8"?>
<Response>
  <ResponseDetails>
    <PriceCacheResponse>
      <Hotels>
        <PriceType>room</PriceType>
        <Hotel City="LHR" Item="KEN" RecommendedItem="false">
          <RoomCategories>
            <RoomCategory Id="001:KEN3:5745:S1721:16912:13999">
              <Description><![CDATA[TWN]]></Description>
              <Nights>
                <Night Date="2013-09-01">
                  <Rates>
                    <Rate Meals="I" MinNights="1" MinPax="1">
                      <Room Code="CH" FromAge="2" ToAge="18">
                        <Prices>
                          <Price Currency="GBP"><![CDATA[38.75]]></Price>
                        </Prices>
                      </Room>
                      <Room Code="TS">
                        <Prices>
                          <Price Currency="GBP"><![CDATA[518.25]]></Price>
                        </Prices>
                      </Room>
                      <Room Code="TB">
                        <Prices>
                          <Price Currency="GBP"><![CDATA[518.25]]></Price>
                        </Prices>
                      </Room>
                      <Room Code="SB">
                        <Prices>
                          <Price Currency="GBP"><![CDATA[518.25]]></Price>
                        </Prices>
                      </Room>
                    </Rate>
                  </Rates>
                </Night>
              </Nights>
            </RoomCategory>
          </RoomCategories>
        </Hotel>
      </Hotels>
    </PriceCacheResponse>
  </ResponseDetails>
</Response>

```

```

<SpecialOffer>
  <Offer Code="EB">Early Bird Offer</Offer>
  <TravelDates>
    <FromDate>2013-09-01</FromDate>
    <ToDate>2013-09-15</ToDate>
  </TravelDates>
  <OfferType>I</OfferType>
  <EffectiveDates>
    <FromDate>2013-09-01</FromDate>
    <ToDate>9999-12-31</ToDate>
  </EffectiveDates>
  <StayForNights>2</StayForNights>
  <DiscountPercentage>10</DiscountPercentage>
  <AllowedArrivalDates>13567</AllowedArrivalDates>
  <ValidStayDates>13567</ValidStayDates>
  <BookBeforeDays>10</BookBeforeDays>
</SpecialOffer>
<SpecialOffer>
  <Offer Code="FNN">Free Night 1.5</Offer>
  <TravelDates>
    <FromDate>2013-09-01</FromDate>
    <ToDate>2013-09-15</ToDate>
  </TravelDates>
  <OfferType>I</OfferType>
  <EffectiveDates>
    <FromDate>2013-05-30</FromDate>
    <ToDate>9999-12-31</ToDate>
  </EffectiveDates>
  <StayForNights>7</StayForNights>
  <PayForNights>5</PayForNights>
  <MaximumNightsFree>-1</MaximumNightsFree>
  <AllowedArrivalDates>1234567</AllowedArrivalDates>
  <ValidStayDates>1234567</ValidStayDates>
  <ApplicableOfferNights>56</ApplicableOfferNights>
</SpecialOffer>
</SpecialOffers>
</RoomCategory>
<RoomCategory Id="001:KEN:5745:S1721:6549:9291">
  <Description><![CDATA[KING]]></Description>
  <Nights>
    <Night Date="2013-09-01">
      <Rates>
        <Rate Meals="B" MinNights="1" MinPax="1">
          <Room Code="CH" FromAge="2" ToAge="18">
            <Prices>
              <Price Currency="GBP"><![CDATA[38.75]]></Price>
            </Prices>
          </Room>
          <Room Code="TS">
            <Prices>
              <Price Currency="GBP"><![CDATA[103.75]]></Price>
            </Prices>
          </Room>
          <Room Code="TB">
            <Prices>
              <Price Currency="GBP"><![CDATA[103.75]]></Price>
            </Prices>
          </Room>
          <Room Code="SB">
            <Prices>
              <Price Currency="GBP"><![CDATA[103.75]]></Price>
            </Prices>
          </Room>
          <Room Code="DB">
            <Prices>
              <Price Currency="GBP"><![CDATA[103.75]]></Price>
            </Prices>
          </Room>
        </Rate>
      </Rates>
    </Night>
  </Nights>
</RoomCategory>
<SpecialOffers>
  <SpecialOffer>
    <Offer Code="LM">Last Minute Offer</Offer>
    <TravelDates>
      <FromDate>2013-09-01</FromDate>
      <ToDate>2013-09-15</ToDate>
    </TravelDates>
    <OfferType>I</OfferType>
    <EffectiveDates>
      <FromDate>2013-07-09</FromDate>
    </EffectiveDates>
  </SpecialOffer>
</SpecialOffers>

```

```

        <ToDate>9999-12-31</ToDate>
      </EffectiveDates>
      <StayForNights>2</StayForNights>
      <DiscountPercentage>5</DiscountPercentage>
      <AllowedArrivalDates>12347</AllowedArrivalDates>
      <ValidStayDates>12347</ValidStayDates>
      <BookWithin>10</BookWithin>
    </SpecialOffer>
  </SpecialOffers>
</RoomCategory>
<RoomCategory Id="001:KEN2:5745:S1721:2664:9293">
  <Description><![CDATA[KING]]></Description>
  <Nights>
    <Night Date="2013-09-01">
      <Rates>
        <Rate Meals="N" MinNights="1" MinPax="1">
          <Room Code="CH" FromAge="2" ToAge="18">
            <Prices>
              <Price Currency="GBP"><![CDATA[38.75]]></Price>
            </Prices>
          </Room>
          <Room Code="TS">
            <Prices>
              <Price Currency="GBP"><![CDATA[77.75]]></Price>
            </Prices>
          </Room>
          <Room Code="TB">
            <Prices>
              <Price Currency="GBP"><![CDATA[77.75]]></Price>
            </Prices>
          </Room>
          <Room Code="SB">
            <Prices>
              <Price Currency="GBP"><![CDATA[77.75]]></Price>
            </Prices>
          </Room>
          <Room Code="DB">
            <Prices>
              <Price Currency="GBP"><![CDATA[77.75]]></Price>
            </Prices>
          </Room>
        </Rate>
      </Rates>
    </Night>
  </Nights>
  <SpecialOffers>
    <SpecialOffer>
      <Offer Code="MN">Minimum Night Discount Offer</Offer>
      <TravelDates>
        <FromDate>2013-09-01</FromDate>
        <ToDate>2013-09-15</ToDate>
      </TravelDates>
      <OfferType>I</OfferType>
      <EffectiveDates>
        <FromDate>2013-07-09</FromDate>
        <ToDate>9999-12-31</ToDate>
      </EffectiveDates>
      <StayForNights>2</StayForNights>
      <DiscountPercentage>10</DiscountPercentage>
      <AllowedArrivalDates>12345</AllowedArrivalDates>
      <ValidStayDates>12345</ValidStayDates>
      <ApplicableOfferNights>12345</ApplicableOfferNights>
    </SpecialOffer>
  </SpecialOffers>
</RoomCategory>
<RoomCategory Id="001:KEN1:5745:S1721:2664:9292">
  <Description><![CDATA[KING]]></Description>
  <Nights>
    <Night Date="2013-09-01">
      <Rates>
        <Rate Meals="N" MinNights="1" MinPax="1">
          <Room Code="CH" FromAge="2" ToAge="18">
            <Prices>
              <Price Currency="GBP"><![CDATA[38.75]]></Price>
            </Prices>
          </Room>
          <Room Code="TS">
            <Prices>
              <Price Currency="GBP"><![CDATA[90.75]]></Price>
            </Prices>
          </Room>
          <Room Code="TB">

```

```

        <Prices>
          <Price Currency="GBP"><![CDATA[90.75]]></Price>
        </Prices>
      </Room>
      <Room Code="SB">
        <Prices>
          <Price Currency="GBP"><![CDATA[90.75]]></Price>
        </Prices>
      </Room>
      <Room Code="DB">
        <Prices>
          <Price Currency="GBP"><![CDATA[90.75]]></Price>
        </Prices>
      </Room>
    </Rate>
  </Rates>
</Night>
</Nights>
<SpecialOffers>
  <SpecialOffer>
    <Offer Code="MN">Minimum Night Discount Offer</Offer>
    <TravelDates>
      <FromDate>2013-09-01</FromDate>
      <ToDate>2013-09-15</ToDate>
    </TravelDates>
    <OfferType>I</OfferType>
    <EffectiveDates>
      <FromDate>2013-07-09</FromDate>
      <ToDate>9999-12-31</ToDate>
    </EffectiveDates>
    <StayForNights>2</StayForNights>
    <DiscountPercentage>10</DiscountPercentage>
    <AllowedArrivalDates>12345</AllowedArrivalDates>
    <ValidStayDates>12345</ValidStayDates>
    <ApplicableOfferNights>12345</ApplicableOfferNights>
  </SpecialOffer>
</SpecialOffers>
</RoomCategory>
<RoomCategory Id="001:KEN:5745:S1721:6549:9296">
  <Description><![CDATA[SUITE]]></Description>
  <Nights>
    <Night Date="2013-09-01">
      <Rates>
        <Rate Meals="B" MinNights="1" MinPax="1">
          <Room Code="TS">
            <Prices>
              <Price Currency="GBP"><![CDATA[155.50]]></Price>
            </Prices>
          </Room>
          <Room Code="TR">
            <Prices>
              <Price Currency="GBP"><![CDATA[155.50]]></Price>
            </Prices>
          </Room>
          <Room Code="TB">
            <Prices>
              <Price Currency="GBP"><![CDATA[155.50]]></Price>
            </Prices>
          </Room>
          <Room Code="SB">
            <Prices>
              <Price Currency="GBP"><![CDATA[155.50]]></Price>
            </Prices>
          </Room>
          <Room Code="DB">
            <Prices>
              <Price Currency="GBP"><![CDATA[155.50]]></Price>
            </Prices>
          </Room>
          <Room Code="Q">
            <Prices>
              <Price Currency="GBP"><![CDATA[155.50]]></Price>
            </Prices>
          </Room>
        </Rate>
      </Rates>
    </Night>
  </Nights>
  <SpecialOffers>
    <SpecialOffer>
      <Offer Code="LM">Last Minute Offer</Offer>
      <TravelDates>

```

```

        <FromDate>2013-09-01</FromDate>
        <ToDate>2013-09-15</ToDate>
    </TravelDates>
    <OfferType>I</OfferType>
    <EffectiveDates>
        <FromDate>2013-07-09</FromDate>
        <ToDate>9999-12-31</ToDate>
    </EffectiveDates>
    <StayForNights>2</StayForNights>
    <DiscountPercentage>5</DiscountPercentage>
    <AllowedArrivalDates>12347</AllowedArrivalDates>
    <ValidStayDates>12347</ValidStayDates>
    <BookWithin>10</BookWithin>
    </SpecialOffer>
</SpecialOffers>
</RoomCategory>
<RoomCategory Id="001:KEN2:5745:S1721:2664:9294">
    <Description><![CDATA[SUITE]]></Description>
    <Nights>
        <Night Date="2013-09-01">
            <Rates>
                <Rate Meals="N" MinNights="1" MinPax="1">
                    <Room Code="TS">
                        <Prices>
                            <Price Currency="GBP"><![CDATA[64.75]]></Price>
                        </Prices>
                    </Room>
                    <Room Code="TR">
                        <Prices>
                            <Price Currency="GBP"><![CDATA[64.75]]></Price>
                        </Prices>
                    </Room>
                    <Room Code="TB">
                        <Prices>
                            <Price Currency="GBP"><![CDATA[64.75]]></Price>
                        </Prices>
                    </Room>
                    <Room Code="SB">
                        <Prices>
                            <Price Currency="GBP"><![CDATA[64.75]]></Price>
                        </Prices>
                    </Room>
                    <Room Code="DB">
                        <Prices>
                            <Price Currency="GBP"><![CDATA[64.75]]></Price>
                        </Prices>
                    </Room>
                    <Room Code="Q">
                        <Prices>
                            <Price Currency="GBP"><![CDATA[64.75]]></Price>
                        </Prices>
                    </Room>
                </Rate>
            </Rates>
        </Night>
    </Nights>
</SpecialOffers>
<SpecialOffer>
    <Offer Code="MN">Minimum Night Discount Offer</Offer>
    <TravelDates>
        <FromDate>2013-09-01</FromDate>
        <ToDate>2013-09-15</ToDate>
    </TravelDates>
    <OfferType>I</OfferType>
    <EffectiveDates>
        <FromDate>2013-07-09</FromDate>
        <ToDate>9999-12-31</ToDate>
    </EffectiveDates>
    <StayForNights>2</StayForNights>
    <DiscountPercentage>10</DiscountPercentage>
    <AllowedArrivalDates>12345</AllowedArrivalDates>
    <ValidStayDates>12345</ValidStayDates>
    <ApplicableOfferNights>12345</ApplicableOfferNights>
    </SpecialOffer>
</SpecialOffers>
</RoomCategory>
<RoomCategory Id="001:KEN1:5745:S1721:2664:9295">
    <Description><![CDATA[SUITE]]></Description>
    <Nights>
        <Night Date="2013-09-01">
            <Rates>
                <Rate Meals="N" MinNights="1" MinPax="1">

```

```

        <Room Code="TS">
          <Prices>
            <Price Currency="GBP"><![CDATA[103.75]]></Price>
          </Prices>
        </Room>
        <Room Code="TR">
          <Prices>
            <Price Currency="GBP"><![CDATA[103.75]]></Price>
          </Prices>
        </Room>
        <Room Code="TB">
          <Prices>
            <Price Currency="GBP"><![CDATA[103.75]]></Price>
          </Prices>
        </Room>
        <Room Code="SB">
          <Prices>
            <Price Currency="GBP"><![CDATA[103.75]]></Price>
          </Prices>
        </Room>
        <Room Code="DB">
          <Prices>
            <Price Currency="GBP"><![CDATA[103.75]]></Price>
          </Prices>
        </Room>
        <Room Code="Q">
          <Prices>
            <Price Currency="GBP"><![CDATA[103.75]]></Price>
          </Prices>
        </Room>
      </Rate>
    </Rates>
  </Night>
</Nights>
<SpecialOffers>
  <SpecialOffer>
    <Offer Code="MN">Minimum Night Discount Offer</Offer>
    <TravelDates>
      <FromDate>2013-09-01</FromDate>
      <ToDate>2013-09-15</ToDate>
    </TravelDates>
    <OfferType>I</OfferType>
    <EffectiveDates>
      <FromDate>2013-07-09</FromDate>
      <ToDate>9999-12-31</ToDate>
    </EffectiveDates>
    <StayForNights>2</StayForNights>
    <DiscountPercentage>10</DiscountPercentage>
    <AllowedArrivalDates>12345</AllowedArrivalDates>
    <ValidStayDates>12345</ValidStayDates>
    <ApplicableOfferNights>12345</ApplicableOfferNights>
  </SpecialOffer>
</SpecialOffers>
</RoomCategory>
<RoomCategory Id="001:KEN3:5745:S1721:16912:14000">
  <Description><![CDATA[SGL]]></Description>
  <Nights>
    <Night Date="2013-09-01">
      <Rates>
        <Rate Meals="I" MinNights="1" MinPax="1">
          <Room Code="SB">
            <Prices>
              <Price Currency="GBP"><![CDATA[388.50]]></Price>
            </Prices>
          </Room>
        </Rate>
      </Rates>
    </Night>
  </Nights>
  <SpecialOffers>
    <SpecialOffer>
      <Offer Code="EB">Early Bird Offer</Offer>
      <TravelDates>
        <FromDate>2013-09-01</FromDate>
        <ToDate>2013-09-15</ToDate>
      </TravelDates>
      <OfferType>I</OfferType>
      <EffectiveDates>
        <FromDate>2013-09-01</FromDate>
        <ToDate>9999-12-31</ToDate>
      </EffectiveDates>
      <StayForNights>2</StayForNights>
    </SpecialOffer>
  </SpecialOffers>

```

```

<DiscountPercentage>10</DiscountPercentage>
<AllowedArrivalDates>13567</AllowedArrivalDates>
<ValidStayDates>13567</ValidStayDates>
<BookBeforeDays>10</BookBeforeDays>
</SpecialOffer>
<SpecialOffer>
  <Offer Code="FNN">Free Night</Offer>
  <TravelDates>
    <FromDate>2013-09-01</FromDate>
    <ToDate>2013-09-15</ToDate>
  </TravelDates>
  <OfferType>I</OfferType>
  <EffectiveDates>
    <FromDate>2013-05-30</FromDate>
    <ToDate>9999-12-31</ToDate>
  </EffectiveDates>
  <StayForNights>7</StayForNights>
  <PayForNights>5</PayForNights>
  <MaximumNightsFree>-1</MaximumNightsFree>
  <AllowedArrivalDates>1234567</AllowedArrivalDates>
  <ValidStayDates>1234567</ValidStayDates>
  <ApplicableOfferNights>56</ApplicableOfferNights>
</SpecialOffer>
</SpecialOffers>
</RoomCategory>
</RoomCategories>
</Hotel>
</Hotels>
</PriceCacheResponse>
</ResponseDetails>
</Response>

```

Table 4. Price Cache response – Participation Level 2

17.6.1 Price Cache response parameters

The Price Cache response will return the following elements/attributes:

Element	Description	
Hotels	A list of hotels requested.	
PriceType	Specifies whether the price is applicable per person or per room ("person" or "room").	
ImmediateConfirmationOnly	Specifies whether the response contains results for immediate confirmation only.	
Hotel	Specifies the module for which the results are returned. Only available for "hotel" at the moment.	
	Attribute	Description
	RecommendedItem	If set as 'true' indicated that the hotel is recommended by GTA.
	City	The unique city code held by GTA.
RoomCategories	Item	The item held by GTA.
	A list of room categories.	
	This is an optional parameter dependant on the client's Participation Level: -	
	Level 0: No output Level 2: Output	
RoomCategory	A list of one or more room category sub-elements.	
	Id	Specifies the category of the room.
Nights	A list of one or more dates the price information	

	applies to.	
Night	The specific date for which the given price information applies to.	
	Attribute	Description
	Date	The date for which the given price information applies to.
Rates	A list of rates for all applicable room types.	
Rate	The rate for the specific room type.	
	Attribute	Description
	Meals	The code of the meal(s) included in the rate.
	MinNights	Indicates whether a minimum number of nights has to be booked to qualify for the given price.
	MinPax	Indicates whether a minimum number of pax has to be booked to qualify for the given price.
Room	The specific room code the price is applicable for.	
	Attribute	Description
	Code	The room code the price is applicable for.
	FromAge	Specifies the minimum child age the rate is applicable for.
	ToAge	Specifies the maximum child age the rate is applicable for.
Prices	A list of prices applicable for each room code.	
Price	The price applicable for the room code	
	Attribute	Description
	Currency	The code of the requested currency.

17.6.1.1 Special Offers parameters

If the parameter <IncludeSpecialOffers/> has been specified in the <PriceCacheRequest> the response will include the special offers.

Please refer to Specification document Static 2.3 paragraphs 23.3.3 for the details of these parameters.

17.7 Example XML Availability Cache response

The XML message below gives a sample of that given by the API in response to a Availability Cache request.


```

<?xml version="1.0" encoding="UTF-8"?>
<Response>
  <ResponseDetails>
    <AvailabilityCacheResponse>
      <Hotels>
        <Hotel City="LHR" Item="KEN" RecommendedItem="false">
          <Nights>
            <Night Date="2013-09-05">
              <Availability>
                <Room Code = "CH" ToAge = "11" FromAge = "2">>5</Room>
                <Room Code="TS">>5</Room>
                <Room Code="TR">>5</Room>
                <Room Code="TB">>5</Room>
                <Room Code="SB">>5</Room>
                <Room Code="DB">>5</Room>
                <Room Code="Q">>5</Room>
              </Availability>
            </Night>
          </Nights>
        </Hotel>
        <Hotel City="LHR" Item="KEN1" RecommendedItem="false">
          <Nights>
            <Night Date="2013-09-05">
              <Availability>
                <Room Code = "CH" ToAge = "11" FromAge = "2">>5</Room>
                <Room Code="TS">>5</Room>
                <Room Code="TR">>5</Room>
                <Room Code="TB">>5</Room>
                <Room Code="SB">>5</Room>
                <Room Code="DB">>5</Room>
                <Room Code="Q">>5</Room>
              </Availability>
            </Night>
          </Nights>
        </Hotel>
        <Hotel City="LHR" Item="KEN3" RecommendedItem="false">
          <Nights>
            <Night Date="2013-09-05">
              <Availability>
                <Room Code = "CH" ToAge = "11" FromAge = "2"><5</Room>
                <Room Code="TS"><5</Room>
                <Room Code="TB"><5</Room>
                <Room Code="SB"><5</Room>
              </Availability>
            </Night>
          </Nights>
        </Hotel>
      </Hotels>
    </AvailabilityCacheResponse>
  </ResponseDetails>
</Response>

```

Table 5. Availability Cache response – Participation Level 0

```

<?xml version="1.0" encoding="UTF-8"?>
<Response>
  <ResponseDetails>
    <AvailabilityCacheResponse>
      <Hotels>
        <Hotel City="LHR" Item="KEN" RecommendedItem="false">
          <RoomCategories>
            <RoomCategory Id="001:KEN3:5745:S1721:16912:13999">
              <Description><![CDATA[TWN]]></Description>
              <Nights>
                <Night Date="2013-09-01">
                  <Availability>
                    <Room Code="CH" FromAge="2" ToAge="18">1</Room>
                    <Room Code="TS"><5</Room>
                    <Room Code="TB"><5</Room>
                    <Room Code="SB"><5</Room>
                  </Availability>
                </Night>
              </Nights>
            </RoomCategory>
            <RoomCategory Id="001:KEN:5745:S1721:6549:9291">
              <Description><![CDATA[KING]]></Description>
              <Nights>
                <Night Date="2013-09-01">
                  <Availability>
                    <Room Code="CH" FromAge="2" ToAge="18">1</Room>
                    <Room Code="TS"><5</Room>

```

```

        <Room Code="TB">&lt;5</Room>
        <Room Code="SB">&lt;5</Room>
        <Room Code="DB">&lt;5</Room>
    </Availability>
</Night>
</Nights>
</RoomCategory>
<RoomCategory Id="001:KEN2:5745:S1721:2664:9293">
    <Description><![CDATA[KING]]></Description>
    <Nights>
        <Night Date="2013-09-01">
            <Availability>
                <Room Code="CH" FromAge="2" ToAge="18">1</Room>
                <Room Code="TS">&lt;5</Room>
                <Room Code="TB">&lt;5</Room>
                <Room Code="SB">&lt;5</Room>
                <Room Code="DB">&lt;5</Room>
            </Availability>
        </Night>
    </Nights>
</RoomCategory>
<RoomCategory Id="001:KEN1:5745:S1721:2664:9292">
    <Description><![CDATA[KING]]></Description>
    <Nights>
        <Night Date="2013-09-01">
            <Availability>
                <Room Code="CH" FromAge="2" ToAge="18">1</Room>
                <Room Code="TS">&lt;5</Room>
                <Room Code="TB">&lt;5</Room>
                <Room Code="SB">&lt;5</Room>
                <Room Code="DB">&lt;5</Room>
            </Availability>
        </Night>
    </Nights>
</RoomCategory>
<RoomCategory Id="001:KEN:5745:S1721:6549:9296">
    <Description><![CDATA[SUITE]]></Description>
    <Nights>
        <Night Date="2013-09-01">
            <Availability>
                <Room Code="TS">&lt;5</Room>
                <Room Code="TR">&lt;5</Room>
                <Room Code="TB">&lt;5</Room>
                <Room Code="SB">&lt;5</Room>
                <Room Code="DB">&lt;5</Room>
                <Room Code="Q">&lt;5</Room>
            </Availability>
        </Night>
    </Nights>
</RoomCategory>
<RoomCategory Id="001:KEN2:5745:S1721:2664:9294">
    <Description><![CDATA[SUITE]]></Description>
    <Nights>
        <Night Date="2013-09-01">
            <Availability>
                <Room Code="TS">&lt;5</Room>
                <Room Code="TR">&lt;5</Room>
                <Room Code="TB">&lt;5</Room>
                <Room Code="SB">&lt;5</Room>
                <Room Code="DB">&lt;5</Room>
                <Room Code="Q">&lt;5</Room>
            </Availability>
        </Night>
    </Nights>
</RoomCategory>
<RoomCategory Id="001:KEN1:5745:S1721:2664:9295">
    <Description><![CDATA[SUITE]]></Description>
    <Nights>
        <Night Date="2013-09-01">
            <Availability>
                <Room Code="TS">&lt;5</Room>
                <Room Code="TR">&lt;5</Room>
                <Room Code="TB">&lt;5</Room>
                <Room Code="SB">&lt;5</Room>
                <Room Code="DB">&lt;5</Room>
                <Room Code="Q">&lt;5</Room>
            </Availability>
        </Night>
    </Nights>
</RoomCategory>
<RoomCategory Id="001:KEN3:5745:S1721:16912:14000">
    <Description><![CDATA[SGL]]></Description>

```

```

        <Nights>
          <Night Date="2013-09-01">
            <Availability>
              <Room Code="SB">&lt;5</Room>
            </Availability>
          </Night>
        </Nights>
      </RoomCategory>
    </RoomCategories>
  </Hotel>
</Hotels>
</AvailabilityCacheResponse>
</ResponseDetails>
</Response>

```

Table 6. Availability Cache response – Participation Level 2

17.7.1 Availability Cache response parameters

The Availability Cache response will return the following elements/attributes:

Element	Description	
Hotels	A list of the hotels requested.	
PriceType	Specifies whether the price is applicable per person or per room ("person" or "room").	
Hotel	Specifies the module for which the results are returned. Only available for "hotel" at the moment.	
	Attribute	Description
	RecommendedItem	If set as 'true' indicated that the hotel is recommended by GTA.
	City	The unique city code held by GTA.
	Item	The item code held by GTA.
Nights	A list of one or more dates the availability information applies to.	
Night	The specific date for which the given availability information applies to.	
	Attribute	Description
	Date	The date for which the given price is applicable.
Availability	The availability for the room code.	
RoomCategories	A list of room categories. This is an optional parameter dependant on the client's Participation Level: - Level 0: No output Level 2: Output	
RoomCategory	A list of one or more room category sub-elements.	
	Id	Specifies the category of the room.
Description	Specifies the room category name.	
Room	The room code which the availability is applicable for.	
	Attribute	Description

Code	The room code which the availability is applicable for.
FromAge	Specifies the minimum child age the rate is applicable for
ToAge	Specifies the maximum child age the rate is applicable for.

18. Search Hotel Price Pax

18.1 Overview

The Search Hotel Price Pax provides the client with the ability to search for and price available hotel rooms through the API. All requests will need to be sent in a SYNCHRONOUS mode; any requests send in an ASYNCHRONOUS will return an error.

This request is only available for clients on Participation Level 2

18.2 Example XML Search Hotel Price Pax request

The XML message below gives a sample of the expected elements needed by the API to execute a Search Hotel Price Pax Request.

```
<Request>
  <Source>
    <RequestorID Client="2556" EMailAddress="TEST@APITEST.COM" Password="PASS"/>
    <RequestorPreferences Country="GB" Currency="GBP" Language="en">
      <RequestMode>SYNCHRONOUS</RequestMode>
    </RequestorPreferences>
  </Source>
  <RequestDetails>
    <SearchHotelPricePaxRequest>
      <ItemDestination DestinationCode = "NCE" DestinationType = "city"/>
    <ItemCodes>
      <ItemCode>ACO</ItemCode>
      <ItemCode>BEL</ItemCode>
      <ItemCode>COM</ItemCode>
    </ItemCodes>
    <PeriodOfStay>
      <CheckInDate>2014-08-12</CheckInDate>
      <Duration>2</Duration>
    </PeriodOfStay>
    <IncludePriceBreakdown/>
    <IncludeChargeConditions/>
    <PaxRooms>
      <PaxRoom Adults="2" Cots="0" RoomIndex="1"/>
    </PaxRooms>
  </SearchHotelPricePaxRequest>
</RequestDetails>
</Request>
```

Table 1.a. Hotel price pax search request for multiple item codes

```

<Request>
<Source>
  <RequestorID Client="2556" EMailAddress="TEST@APITEST.COM" Password="PASS"/>
  <RequestorPreferences Country="GB" Currency="GBP" Language="en">
    <RequestMode>SYNCHRONOUS</RequestMode>
  </RequestorPreferences>
</Source>
<RequestDetails>
  <SearchHotelPricePaxRequest>
    <ItemDestination DestinationCode = "NCE" DestinationType = "city"/>
    <ItemCode>ACA</ItemCode>
    <PeriodOfStay>
      <CheckInDate>2014-08-12</CheckInDate>
      <Duration>2</Duration>
    </PeriodOfStay>
    <IncludePriceBreakdown/>
    <IncludeChargeConditions/>
    <PaxRooms>
      <PaxRoom Adults="2" Cots="0" RoomIndex="1"/>
    </PaxRooms>
  </SearchHotelPricePaxRequest>
</RequestDetails>
</Request>

```

Table 1.b. Hotel price pax search request at city level

```

<Request>
<Source>
  <RequestorID Client = "2556" EMailAddress = "TEST@APITEST.COM" Password = "PASS"/>
  <RequestorPreferences Country = "GB" Currency = "EUR" Language = "en">
    <RequestMode>SYNCHRONOUS</RequestMode>
  </RequestorPreferences>
</Source>
<RequestDetails>
<SearchHotelPricePaxRequest>
  <ItemDestination
DestinationType="geocode"
Latitude="35.009118"
Longitude="135.788068"
RadiusKm="5"/>
  <PeriodOfStay>
    <CheckInDate>2014-08-12</CheckInDate>
    <Duration>2</Duration>
  </PeriodOfStay>
  <IncludePriceBreakdown/>
  <IncludeChargeConditions/>
  <PaxRooms>
    <PaxRoom Adults="2" Cots="0" RoomIndex="1"/>
  </PaxRooms>
</SearchHotelPricePaxRequest>
</RequestDetails>
</Request>

```

Table 1.c. Hotel price pax search request by geocode

```

<Request>
  <Source>
    <RequestorID Client = "2556" EMailAddress = "TEST@APITEST.COM" Password = "PASS"/>
    <RequestorPreferences Country = "GB" Currency = "EUR" Language = "en">
      <RequestMode>SYNCHRONOUS</RequestMode>
    </RequestorPreferences>
  </Source>
  <RequestDetails>
<SearchHotelPricePaxRequest>
  <ItemDestination DestinationType="geocode"
WestLongitude="-0.92"
SouthLatitude="51.52"
EastLongitude="-0.1"
NorthLatitude="51.53"/>
    <PeriodOfStay>
      <CheckInDate>2014-08-12</CheckInDate>
      <Duration>2</Duration>
    </PeriodOfStay>
    <IncludePriceBreakdown/>
    <IncludeChargeConditions/>
    <PaxRooms>
      <PaxRoom Adults="2" Cots="0" RoomIndex="1"/>
    </PaxRooms>
  </SearchHotelPricePaxRequest>
</RequestDetails>
</Request>

```

Table 1.d. Hotel price pax search request by bounding box

18.2.1 Source parameters

Please refer to the API Architecture document.

18.2.2 Search Hotel Price Pax attributes/parameters

A Search Hotel Price Pax request can contain attributes/parameters to filter the hotels returned.

The request can contain the following attributes/parameters:

Parameters	Description	
ItemDestination	Mandatory. Used to return all items within the specified destination type ("city" or "geocode") and destination code.	
ImmediateConfirmationOnly	Optional. If present the response will contain results available only for immediate confirmation.	
	Attribute	Description
	DestinationCode	Mandatory. Define the GTA city when destination type is "city"
	Latitude	Mandatory in conjunction with Longitude and RadiusKM when destination type is "geocode".
	Longitude	Mandatory in conjunction with Latitude and RadiusKM when destination type is "geocode".
	RadiusKm	Mandatory in conjunction with Longitude and Latitude when destination type is "geocode". Defines the area around the geocode

	to form a virtual circle in Kilometers. Value can be 0 to 100.	
WestLongitude	Mandatory in conjunction with SouthLatitude, EastLongitude and NorthLatitude when destination type is "geocode".	
SouthLatitude	Mandatory in conjunction with WestLongitude, EastLongitude and NorthLatitude when destination type is "geocode".	
EastLongitude	Mandatory in conjunction with WestLongitude, SouthLatitude and NorthLatitude when destination type is "geocode".	
NorthLatitude	Mandatory in conjunction with WestLongitude, SouthLatitude and EastLongitude when destination type is "geocode".	
ItemName	Optional. If specified all items containing the given characters will be returned.	
ItemCodes	Optional. A collection of one or more ItemCode parameters.	
ItemCode	Optional. If specified, the details for the single code will be returned. Please remember that GTA uses item codes that are unique only in conjunction with the city codes.	
PeriodOfStay	Mandatory. Defines the check-in day and either the check-out day or the duration of stay.	
IncludeRecommended	Optional. If specified GTA recommended hotels will be indicated.	
RecommendedOnly	Optional. If specified only GTA recommended hotels will be returned.	
IncludePriceBreakdown	Optional. If specified the price breakdown information will be returned for each room category within an item.	
	Attribute	Description
	DateFormatResponse	If set to "true", the charge conditions will be returned in date format; if not specified the charge conditions will be returned in days prior to arrival format.
IncludeChargeConditions	Optional. If specified the charge conditions will be returned.	
ExcludeChargeableItems	Optional. If specified, the response will exclude the properties that are within the <CancellationDeadlineHours> or <CancellationDeadlineDays> from arrival.	
PaxRooms	Mandatory. A list of the requested hotel rooms, with information on the number of Adults, Children ages, number of cots and room index.	
	Attribute	Description

	PaxRoom	Mandatory. Defines the number of Adult, Child ages, number of cots and room index.
StarRatingRange	Optional. Defines the star rating of the hotel. A match can be specified.	
	Attribute	Description
	Min	Mandatory. Minimum star rating
	Max	Mandatory. Maximum star rating

18.2.3 ExcludeChargeableItems parameter

The client can request to exclude from the response all the properties that are within the <CancellationDeadlineHours> or <CancellationDeadlineDays> specified in the SearchHotelPriceRequest. These two parameters cannot work in conjunction.

An example of a < ExcludeChargeableItems> is shown below:

```
<ExcludeChargeableItems>
  <CancellationDeadlineDays>5</CancellationDeadlineDays>
</ExcludeChargeableItems>
```

18.2.4 PaxRooms parameter

The client can request a number of rooms through the <PaxRooms> element. The latter is made up of a list of <PaxRoom> sub-elements, one element for each different requested room type.

An example of a <PaxRoom> element, for one room for two Adults with one extra cot and a child aged 6, is shown below:

```
<PaxRooms>
  <PaxRoom Adults = "2" Cots = "1" RoomIndex = "1">
    <ChildAges><Age>6</Age></ChildAges>
  </PaxRoom>
</PaxRooms>
```

The <PaxRoom> element can contain an Id attribute which is used to specify the room category.

The Id attribute can be used in conjunction with DestinationType = "city":

```

<Request>
  <Source>
    <RequestorID Client = "2556" EMailAddress = "TEST@APITEST.COM" Password = "PASS"/>
    <RequestorPreferences Country = "GB" Currency = "EUR" Language = "en">
      <RequestMode>SYNCHRONOUS</RequestMode>
    </RequestorPreferences>
  </Source>
  <RequestDetails>
    <SearchHotelPricePaxRequest>
      <ItemDestination DestinationCode = "NCE" DestinationType = "city"/>
      <ItemCode>ACA</ItemCode>
      <PeriodOfStay>
        <CheckInDate>2014-08-12</CheckInDate>
        <Duration>2</Duration>
      </PeriodOfStay>
      <IncludePriceBreakdown/>
      <IncludeChargeConditions/>
      <PaxRooms>
        <PaxRoom Adults="2" Id = "001:ACA:1508:S388:497:28192" Cots="0" RoomIndex="1"/>
      </PaxRooms>
    </SearchHotelPricePaxRequest>
  </RequestDetails>
</Request>

```

18.3 Example XML Search Hotel Price Pax responses

The XML message below gives a sample of that given by the API in response to a Search Hotel Price Pax Request.

```

<?xml version="1.0" encoding="UTF-8"?>
<Response ResponseReference = "REF_T_004_2556-401395251460033">
  <ResponseDetails Language = "en">
    <SearchHotelPricePaxResponse>
      <PaymentMethod>
        <Payment Code = "PP" TakeNett = "false">Payable in advance by credit card</Payment>
        <CreditCards>
          <CreditCard>VD</CreditCard>
        </CreditCards>
      </PaymentMethod>
      <HotelDetails>
        <Hotel HasExtraInfo = "true" HasMap = "true" HasPictures = "true">
          <City Code = "LON">
            <![CDATA[London]]>
          </City>
          <Item Code = "ADM">
            <![CDATA[Admiral]]>
          </Item>
          <LocationDetails>
            <Location Code = "G1">
              <![CDATA[Central]]>
            </Location>
            <Location Code = "08">
              <![CDATA[Paddington]]>
            </Location>
          </LocationDetails>
          <StarRating>5</StarRating>
          <PaxRoomSearchResults>
            <PaxRoom RoomIndex = "1">
              <RoomCategories>
                <RoomCategory Id = "001:ADM:4740:S2111:3274:27680">
                  <Description>
                    <![CDATA[Comfort King]]>
                  </Description>
                  <ItemPrice CommissionIndicator = "STD"
                    CommissionPercentage = "10.00"
                    Currency = "GBP">21.50</ItemPrice>
                  <Confirmation Code = "OR">

```

```

<![CDATA[On Request]]>
</Confirmation>
<Meals>
  <Basis Code = "B">
    <![CDATA[Breakfast]]>
  </Basis>
  <Breakfast Code = "F">
    <![CDATA[Full]]>
  </Breakfast>
</Meals>
<HotelRoomPrices>
  <HotelRoom>
    <RoomPrice Gross = "21.50"/>
    <PriceRanges>
      <PriceRange>
        <DateRange>
          <FromDate>2014-04-23</FromDate>
          <ToDate>2014-04-24</ToDate>
        </DateRange>
        <Price Gross = "10.75" Nights = "2"/>
      </PriceRange>
    </PriceRanges>
  </HotelRoom>
</HotelRoomPrices>
<EssentialInformation>
  <Information>
    <Text>
      <![CDATA[Complimentary 5 course dinner provided.]]>
    </Text>
    <DateRange>
      <FromDate>2013-12-03</FromDate>
      <ToDate>9999-12-31</ToDate>
    </DateRange>
  </Information>
</EssentialInformation>
<ChargeConditions>
  <ChargeCondition Type = "cancellation">
    <Condition Charge = "true"
ChargeAmount = "21.50"
Currency = "GBP"
FromDay = "0"
ToDay = "18"/>
    <Condition Charge = "false" FromDay = "19"/>
  </ChargeCondition>
  <ChargeCondition Allowable = "false" Type = "amendment"/>
  <PassengerNameChange Allowable = "true"/>
</ChargeConditions>
</RoomCategory>
<RoomCategory Id = "001:ADM:4740:S2111:18421:7926">
  <Description>
    <![CDATA[Standard Double]]>
  </Description>
  <ItemPrice CommissionIndicator = "STD"
CommissionPercentage = "10.00"
Currency = "GBP">133.00</ItemPrice>
  <Confirmation Code = "OR">
    <![CDATA[On Request]]>
  </Confirmation>
  <Meals>
    <Basis Code = "N">
      <![CDATA[None]]>
    </Basis>
  </Meals>
  <HotelRoomPrices>
    <HotelRoom>
      <RoomPrice Gross = "133.00"/>
      <PriceRanges>
        <PriceRange>
          <DateRange>
            <FromDate>2014-04-23</FromDate>
            <ToDate>2014-04-24</ToDate>
          </DateRange>

```

```

        <Price Gross = "66.50" Nights = "2"/>
      </PriceRange>
    </PriceRanges>
  </HotelRoom>
</HotelRoomPrices>
<EssentialInformation>
  <Information>
    <Text>
      <![CDATA[Complimentary 5 course dinner provided.]]>
    </Text>
    <DateRange>
      <FromDate>2013-12-03</FromDate>
      <ToDate>9999-12-31</ToDate>
    </DateRange>
  </Information>
</EssentialInformation>
<ChargeConditions>
  <ChargeCondition Type = "cancellation">
    <Condition Charge = "true"
    ChargeAmount = "133.00"
    Currency = "GBP"
    FromDay = "0"
    ToDay = "0"/>
    <Condition Charge = "true"
    ChargeAmount = "66.50"
    Currency = "GBP"
    FromDay = "1"
    ToDay = "6"/>
    <Condition Charge = "false" FromDay = "7"/>
  </ChargeCondition>
  <ChargeCondition Allowable = "false" Type = "amendment"/>
  <PassengerNameChange Allowable = "true"/>
</ChargeConditions>
</RoomCategory>
</RoomCategories>
</PaxRoom>
</PaxRoomSearchResults>
</Hotel>
</HotelDetails>
</SearchHotelPricePaxResponse>
</ResponseDetails>
</Response>

```

Table 1a. Hotel price pax search response – including Charge Conditions and price breakdown information

18.3.1 Search Hotel Price Pax response parameters

The <HotelDetails> element can have zero or more <Hotel> sub-elements. Each <Hotel> element can have the following attributes/parameters: -

Attribute	Description
HasExtraInfo	If set to 'true' there is a report available for the hotel that can be retrieved through a SearchItemInformationRequest.
HasMap	If set to 'true' a local map for the hotel is available that can be retrieved through a SearchItemInformationRequest or a SearchLinkRequest.
HasPictures	If set to 'true' there are pictures available for the hotel that can be retrieved through the a SearchItemInformationRequest or a SearchLinkRequest.

Recommended	If set to 'true' the hotel returned will be a GTA recommended hotel.
-------------	--

Parameter	Description	
City	The city name in the language requested (if available).	
	Attribute	Description
	Code	The unique city code held by GTA

Item	The item name.	
	Attribute	Description
	Code	The unique item code held by GTA, unique only in conjunction with the GTA city code.

LocationDetails	A list of locations held for the item (see below).
StarRating	The hotel's star rating.

PaxRoomSearchResults	The results of the Pax and Rooms search	
	Attribute	Description
	PaxRoom	The results of the Pax and Rooms search
	RoomIndex	The room to which the results relate

The price related details includes the following as a list of <RoomCategory> sub-elements within a <RoomCategories> element: -

Id	Specifies the category of room.	
Description	Describes the room category.	
ItemPrice	The total price of the stay.	
	Attribute	Description
	Currency	The ISO currency code of the currency in which the ItemPrice, GrossWithoutDiscount price and the IncludedOfferDiscount are returned in.
	CommissionIndicator	For clients receiving commissionable prices this indicates the level of commission given for a specific property. Can be "LOW", "STD" or "HIGH".
	CommissionPercentage	The commission percentage applied to the item price.
	NoOfferDiscount	If returned as "true" no discounts or free night offers apply.

IncludedOfferDiscount	The discount that is being applied to the gross price.
RSP	The Recommended Selling Price as advised by the hotel.

Confirmation	Whether the requested room(s) are available immediately or on request.	
	Attribute	Description
	Code	The unique code held by GTA (currently only 'IM' or 'OR')

SharingBedding	Specifies if the child shares existing bedding. If "true" the child will be sharing existing bedding. If "false" the child will be provided with an extra bed.
Meals	Describes the meal basis for the stay and the type of breakfast.

The price related details include the following if the parameter <IncludePriceBreakdown\> has been specified in the <SearchHotelPricePaxRequest>

Parameter	Description	
HotelRoomPrices	A collection of one or more HotelRoom parameters.	
HotelRoom	Specifies price details for one or more room codes.	
RoomPrice	The price of the room code.	
	Attribute	Description
	Gross	Indicates that the price is a gross price.
PriceRanges	A collection of one or more PriceRange parameters.	
PriceRange	A collection of one or more DateRange parameters.	
DateRange	The date range which the price is valid for.	
FromDate	Indicates which date the price is valid from.	
ToDate	Indicates which date the price is valid to.	
Price	Indicates the nightly price for the dates specified in the date range.	
	Attribute	Description
	Gross	Indicates that the price is a gross price.
	Nights	Specifies the number of nights the price is applied for.
Offer	The offer name.	
	Attribute	Description
	Code	The unique offer code held by GTA
EssentialInformation	The collection of <Information> tags for the item. Contains text and the date range to which it applies	
	Attribute	Description

Text	The essential information description. In the language requested (if available).
DateRange	The FromDate and ToDate for the Essential Information.

18.3.1.1 Charge Conditions parameters

If the parameter <IncludeChargeConditions/> has been specified in the <SearchHotelPriceRequest> the response will include the charge conditions; this applies to all participation levels.

Please refer to Specification document Booking 2.3 paragraphs 13.9.1 and 13.9.2 for the details of these parameters.