Agoda – XML Partners API (Fastsearch / Availability Service)

Version 1.9 for partial XML partner

11/14/2011

This document is an inventory of all the XML Availability Service that Agoda makes available to its business partners for content exchange, availability of searching process.

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# Revision history

|  |  |  |
| --- | --- | --- |
| Date | Version | Revisions |
| 2011/4/5 | 0.1 | Initial draft |
| 2011/5/27 | 1.0 | Edit Details |
| 2011/5/30 | 1.1 | Edit Details |
| 2011/6/1 | 1.2 | Edit Details |
| 2011/8/24 | 1.3 | Edit Details |
| 2011/9/9 | 1.4 | Edit Details |
| 2011/9/16 | 1.5 | Edit Details by adding an example of City search in Availability Request |
| 2011/9/22 | 1.6 | Edit Details by adding standardtranslation example in Availability Short Response |
| 2011/9/28 | 1.7 | Edit Details by adding promotionid in Availability Long Response |
| 2011/10/6 | 1.8 | Edit Details by changing Radius, Latitude and Longitude field in Availability Request to be required field |
| 2011/11/14 | 1.9 | Edit ‘Inc’ field in Availability Short Response and ‘method’ field in TaxFee >> TaxServiceBreakdown of Availability Long Response. Besides, changed async’s description in Availability Request |

# Preface

The Agoda 2011 new generation XML data services are designed to provide you better, faster and more reliable XML services.

Based on several requests from XML partners and customizations on the current version of the XML services, we have engaged in the development of a new version that offers the XML partners the flexibility that they need.

## Point of Contact

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# Fastsearch/Availability Service

Starting with our 2011 new generation technology we will make search functionality API available to our XML partners. This will either request short or long response/result.

In case of long result, this will either enable you to decide yourself on a cut-off time to retrieve all the results in 1 request or to implement a page-by-page sorted presentation depend on gotten request (consists of async= “false” or “true” respectively).

**Note: For all Data Type = string as refer in this document, will be case-sensitive**

## XML Availability Work Flow

1. Request for short result

XML Schema Validation

Return XML Availability (Short Response)

XML Availability Request

1. Request for long result
   1. when async attribute on XML Request = “false”

XML Schema Validation

Return XML Availability SyncResponse

XML Availability Request

* 1. when async attribute on XML Request = “true”

XML Schema Validation

Return XML Availability AsyncResponse

XML Availability Request

2.2.1 when async attribute on XML Request = “true” and got searchid

XML AvailabilityResult Request (with searchid from Availability AsyncResponse)

Return XML Availability (Long Response)

XML Schema Validation

## How to Connect to Us

## Availability Request

### Request Sample 1 (City search)

<?xml version="1.0" encoding="utf-8" ?>

<AvailabilityRequestV2 siteid="123456" apikey="00000000-0000-0000-0000-000000000000" async="false" waittime="12" xmlns="http://xml.agoda.com" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">

<Type>1</Type>

<Id>9395</Id>

<Radius>0</Radius>

<Latitude>0</Latitude>

<Longitude>0</Longitude>

<CheckIn>2010-09-21</CheckIn>

<CheckOut>2010-09-25</CheckOut>

<Rooms>1</Rooms>

<Adults>2</Adults>

<Children>0</Children>

<Rateplan>Retail</Rateplan>

<Language>th-th</Language>

<Currency>USD</Currency>

</AvailabilityRequestV2>

### Request Sample 2 (Hotel list search)

<?xml version="1.0" encoding="utf-8" ?>

<AvailabilityRequestV2 siteid="123456" apikey="00000000-0000-0000-0000-000000000000" async="false" waittime="12" xmlns="http://xml.agoda.com" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">

<Type>6</Type>

<Id>12133,12314,22332</Id>

<Radius>4</Radius>

<Latitude>0</Latitude>

<Longitude>0</Longitude>

<CheckIn>2010-09-21</CheckIn>

<CheckOut>2010-09-25</CheckOut>

<Rooms>1</Rooms>

<Adults>2</Adults>

<Children>0</Children>

<Rateplan>Retail</Rateplan>

<Language>th-th</Language>

<Currency>USD</Currency>

</AvailabilityRequestV2>

### XML Schema Validation Work Flow for Availability Request

1. Validate data type for all elements/attributes

2. Validate API key’s format

3. Validate Type’s format

4. Validate CheckIn’s data

5. Validate CheckOut’s data

XML Schema Validation

6. Validate total rooms’ data

7. Validate total adults’ data

8. Validate total children’s data

9. Validate rateplan’s data

10. Validate Language’s data

11. Validate Currency’s data

12. Validate additional parameters

1. Validate data type for all elements/attributes

Validate data type for all elements or attributes as per request parameter table below.

1. Validate API key’s format

Validate by accepting format 00000000-0000-0000-0000-000000000000

The zero (0) as per the example has possible value is A-Z or a-z or 0-9.

1. Validate Type’s format

Validate by accepting non-negative integer (min value = 1, max value = 7).

1. Validate total CheckIn’s data

Validate that CheckIn has to be more than or equal to Today date.

1. Validate total CheckOut’s data

Validate that CheckOut has to be more than CheckIn.

1. Validate total rooms’ data

Validate by accepting non-negative integer only and available rooms are between 1 and 9. Besides, Rooms has to be less than or equal to Adults.

1. Validate total adults’ data

Validate by accepting non-negative integer only and available adults between 1 and 36.

1. Validate total children’s data

Validate by accepting non-negative integer only and available children are between 0 and 35.

1. Validate rateplan’s data
2. Validate Language’s data

Validate by accepting language as per request parameter table below.

1. Validate Currency’s data

Validate by accepting currency as per request parameter table below.

1. Validate additional Parameters
   1. If ‘Type’ = 1, then require ‘Id’ = Agoda City ID
   2. If ‘Type’ = 2, then require ‘Id’ = Agoda Area ID
   3. If ‘Type’ = 3, then require ‘Id’ = Agoda Landmark ID
   4. If ‘Type’ = 4, then require ‘Id’ = Agoda Hotel ID
   5. If ‘Type’ = 5, then require ‘Latitude’, ‘Longitude’ and ‘Radius’ field

**Note: Radius has a minimum value = 1**

* 1. If ‘Type’ = 6, then require ‘Id’ = List of Agoda hotel ID’s separated by comma

**Note:** In case you want to omit Latitude or Longitude or Radius, you have to put 0 (zero) instead of null value.

### Request Parameter

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Element | Parent Element | Attribute | Required | Data Type | Example | Description |
| AvailabilityRequestV2 |  | siteid | Y | integer | 123456 |  |
|  |  | apikey | Y | string | 00000000-0000-0000-0000-000000000000 | APIKey used for identification of your access and allowed Countries / Cities / Hotels. The zero (0) as per the example has possible value is A-Z or a-z or 0-9  **Note:** please contact Account Manager for APIKey |
|  |  | async | N | boolean | false | **async="false"** or Synchronous will return “AvailabilityLongResponseV2” for result  **async="true"** or Asynchronous will return “AvailabilityLongResponseV2” with “searchid” only then use it in GetResultsRequestV2 for getting long result |
|  |  | waittime | N | integer | 6 | The number of seconds that you want to wait which you want to retrieve the results  **Important**: although different response times are required depending on the type of search and location/size of the city. |
| Type | AvailabilityRequestV2 |  | Y | integer | 1 | Possible ‘Type’ values are:  **1** = City search  **2** = Area search  3 = Landmark search  4 = Hotel search  5 = location search  6 = Hotel list search  Note: Hotel list search must be the same city |
| Id | AvailabilityRequestV2 |  | N | string | 12133,12314,22332 | Id = Agoda City ID when Type = 1  Id = Agoda Area ID when Type = 2  Id = Agoda Landmark ID when Type = 3  Id = Agoda Hotel ID when Type = 4  Id = Empty (use Latitude, Longitude and Radius instead) when Type = 5  Id = List of Agoda hotel ID’s separated by comma’s when Type = 6 |
| Radius | AvailabilityRequestV2 |  | Y | integer | 0 | Radius in KM from the center of the area that you have for type 6 (Hotel list search). If you omit the Radius (by putting Radius = 0), we will serve you with the default radius that we have defined by differing per city or area or landmark search type. |
| Latitude | AvailabilityRequestV2 |  | Y | float | 0 | Latitude of the Agoda GEO point for search type 5 (define 5 decimal). In case of no Latitude, you have to put 0 for this field. |
| Longitude | AvailabilityRequestV2 |  | Y | float | 0 | Longitude of the Agoda GEO point for search type 5 (define 5 decimal). In case of no Latitude, you have to put 0 for this field. |
| CheckIn | AvailabilityRequestV2 |  | Y | date | 2010-09-21 | Check-in date in the format YYYY-MM-DD and is more than or equal to today date |
| CheckOut | AvailabilityRequestV2 |  | Y | date | 2010-09-25 | Check-out date in the format YYYY-MM-DD and is more than Check-in date |
| Rooms | AvailabilityRequestV2 |  | Y | integer | 1 | Number of rooms |
| Adults | AvailabilityRequestV2 |  | Y | integer | 2 | Number of adults |
| Children | AvailabilityRequestV2 |  | Y | integer | 0 | Number of children |
| Rateplan | AvailabilityRequestV2 |  | N | string | Retail |  |
| Language | AvailabilityRequestV2 |  | Y | string | th-th | Details are on Language Part (Appendix) |
| Currency | AvailabilityRequestV2 |  | Y | string | USD | Details are on Currency Part (Appendix) |

### 

## Availability Short Response

This response uses for XML search partner who land into Agoda’s website and process booking via Agoda’s booking only.

### Response Sample (Correct Case)

<?xml version="1.0" encoding="utf-8" ?>

<AvailabilityShortResponseV2 searchid="260050612000002" status="200" xmlns="http://xml.agoda.com" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">

<Hotels>

<Hotel id="12345" name="Davis hotel" currency="USD" base="PRPN">

<Room id="12346" name="Deluxe room" standardtranslation="ห้องดีลักซ์" ex="120.00" loyal="12.00" inc="140.00" url="http://www.agoda.co.th/

partners/xml2010\_landing.aspx?siteid=12345&searchid=260050612000002&lineitemid=1&currency=USD"/>

</Hotel>

</Hotels>

</AvailabilityShortResponseV2>

### XML Schema Validation Work Flow for Availability Short Response (Correct Case)

1. Validate data type for all elements/attributes

2. Validate status’s data

XML Schema Validation

3. Validate base’s data

4. Validate currency’s data

XML Schema Validation 1, 3 and 4 will accept data and format as per response parameter table below.

XML Schema Validation 2 (Validate status’s data) will be validated by accepting 3 characters and each character contains 0-9 as per response parameter table below.

### Response Parameter (Correct Case)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Element | Parent Element | Attribute | Required | Data Type | Example | Description |
| AvailabilityShortResponseV2 |  | searchid | Y | long | 260050612000002 | The unique id that this search received in our system |
|  |  | status | Y | string | 200 | Details are on Response Codes Part (Appendix) |
| Hotels | AvailabilityShortResponseV2 |  | Y |  |  |  |
| Hotel | Hotels | id | Y | integer | 12345 | Agoda’s hotel ID |
|  |  | name | Y | string | Davis hotel | The name of the hotel |
|  |  | currency | Y | string | USD | Requested currency |
|  |  | base | Y | string | PRPN | The base of the price which has possible values as follows:  **PRPN =** 1 Room, 1 Night  **PBPN** = Total Rooms, 1 Night  **PRPB** = 1 Room, Whole period  **PB** = Total Rooms, Whole period  Note: This will be setup in our backend system. |
| Room | Hotel | id | Y | integer | 12345 | The unique ID of the roomtype. If we deliver you a roomtype of one of our  suppliers that we have not defined in our database this field will be 0 |
|  |  | name | Y | string | Deluxe room | The name of the room or the name of room with promotion. For example,   * the room name = **Deluxe room** * the room name with promotion = **Deluxe room Hot deal – rate includes 20% discount!** |
|  |  | standardtranslation | N | string | ห้องดีลักซ์ | Room name translated (will be translated as per language you perform in request) |
|  |  | ex | Y | decimal | 120.00 | Room rate exclusive according to “Base” |
|  |  | loyal | Y | decimal | 12.00 | The rewards savings that Agoda’s loyalty program brings the customer. |
|  |  | inc | Y | decimal | 140.00 | Room rate inclusive according to “Base” |
|  |  | url | Y | string | http://www.agoda.co.th/partners/xml2010\_landing.aspx?siteid=12345&searchid=260050612000002&lineitemid=5&currency=USD | The landing page URL that you use if the customer clicks through. |

### Response Sample (Error Case)

<?xml version="1.0" encoding="utf-8" ?>

<AvailabilityShortResponseV2 searchid="260050612000002" status="401" xmlns="http://xml.agoda.com" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">

<ErrorMessages>

<ErrorMessage id="101"> Parameter Type is not valid</ErrorMessage>

</ErrorMessages>

</AvailabilityShortResponseV2>

### XML Schema Validation Work Flow for Availability Short Response (Error Case)

Please refer to Response Flow (Error Case) Part (Appendix).

### Response Parameter (Error Case)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Element | Parent Element | Attribute | Required | Data Type | Example | Description |
| AvailabilityShortResponseV2 |  | searchid | Y | long | 260050612000002 | The unique id that this search received in our system |
|  |  | status | Y | string | 401 | Details are on Response Codes Part (Appendix) |
| ErrorMessages | AvailabilityShortResponseV2 |  | N |  |  |  |
| ErrorMessage | ErrorMessages |  | Y | string | Parameter Type is not valid | Details are on Response Body Part (Appendix) |
|  |  | id | Y | string | 101 | Details are on Response Body Part (Appendix) |

## Availability Long Response

### Response Sample (Correct Case)

<?xml version="1.0" encoding="utf-8" ?>

<AvailabilityLongResponseV2 searchid="260050612000002" status="200" xmlns="http://xml.agoda.com" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">

<Hotels>

<Hotel>

<Id>12133</Id>

<CheapestRoom exclusive="120.00" tax="12.00" fees="55.00" inclusive="167.00"/>

<PaxSettings submit="all" infantage="2" childage="14"/>

<Rooms>

<Room id="41569" promotionid="140175" name="Deluxe room" lineitemid="5" rateplan="Retail" ratetype="Sell" currency="USD" Model="MerchantCommission" >

<StandardTranslation>ห้องดีลักซ์</StandardTranslation>

<MaxRoomOccupancy normalbedding="4" extrabeds="2"/>

<RemainingRooms>10</RemainingRooms>

<RateInfo>

<Rate exclusive="120.00" tax="12.00" fees="55.00" inclusive="167.00"/>

<RewardPoints savings="8.27">12500</RewardPoints>

<Promotion savings="25.80" text="Hot deal - rate includes 10% discount!"/>

<DailyRates>

<DailyRateDate date="2010-08-21" exclusive="120.00" tax="12.00" fees="55.00" inclusive="167.00"/>

<DailyRateDate date="2010-08-22" exclusive="120.00" tax="12.00" fees="55.00" inclusive="167.00"/>

</DailyRates>

<TaxServiceBreakdown>

<TaxFee id="01" type="Fee" description="Service charge" translation="Service charge" method="PB" base="N" taxable="Y" percent="10" amount="1" total="9.00" currency="USD"/>

<TaxFee id="99" type="Tax" description="Sales Tax" translation="Sales Tax" method="PB" base="N" taxable="N" percent="10" amount="1" total="9.00" currency="USD"/>

<TaxFee id="98" type="Tax" description="Margin Tax" translation="Margin Tax" method="PB" base="M" taxable="N" percent="5" amount="1" total="9.00" currency="USD"/>

<TaxFee id="12" type="Tax" description="Occupancy Tax" translation="Occupancy Tax" method="PGPB" base="N" taxable="N" percent="0" amount="1" total="2.00" currency="USD"/>

</TaxServiceBreakdown>

<Included>breakfast</Included>

<Excluded>Resort fee</Excluded>

<Surcharges>

<Surcharge id="56" method="PAPB" charge="mandatory" margin="n">

<Name>Speed Boat Transfer (Adult x 2)</Name>

<Rate exclusive="120.00" tax="12.00" fees="55.00" inclusive="167.00"/>

</Surcharge>

<Surcharge id="58" method="PGPB" charge="excluded" margin="n">

<Name>Resort fee</Name>

<Rate exclusive="120.00" tax="12.00" fees="55.00" inclusive="167.00"/>

</Surcharge>

</Surcharges>

</RateInfo>

<Cancellation>

<PolicyText language="en-us">

Any cancellation received within 3 day/s prior to arrival will incur the first 1 night/s charge. Failure to arrive at your hotel will be treated as a No-Show and will incur the first 1 night/s charge.

</PolicyText>

<PolicyTranslated language="th-th">

หากท่านยกเลิกการจองห้องพักเป็นเวลาน้อยกว่า 3 วันก่อนวันเช็คอิน ท่านจะถูกเรียกเก็บเงินเท่ากับการเข้าพัก 1 คืนแรก กรณีที่ท่านไม่เช็คอินที่โรงแรมตามกำหนด จะถือเป็นการไม่เข้าพัก และท่านจะถูกเรียกเก็บเงินเท่ากับการเข้าพัก 1 คืนแรก

</PolicyTranslated>

<PolicyParameters>

<PolicyParameter days ="14" charge="N">1</PolicyParameter>

<PolicyParameter days ="7" charge="P">50</PolicyParameter>

<PolicyParameter days ="0" charge="P">100</PolicyParameter>

</PolicyParameters>

<PolicyDates>

<PolicyDate before="2011-01-07">

<Rate exclusive="0.00" tax="12.00" fees="0.00" inclusive="0.00"/>

</PolicyDate>

<PolicyDate before="2011-01-14">

<Rate exclusive="120.00" tax="12.00" fees="55.00" inclusive="167.00"/>

</PolicyDate>

<PolicyDate after="2011-01-21">

<Rate exclusive="120.00" tax="12.00" fees="55.00" inclusive="167.00"/>

</PolicyDate>

</PolicyDates>

</Cancellation> <LandingURL>http://www.agoda.co.th/partners/xml2010\_landing.aspx?siteid=12345&searchid=260050612000002&lineitemid=5&currency=USD</LandingURL>

</Room>

</Rooms>

</Hotel>

</Hotels>

</AvailabilityLongResponseV2>

### XML Schema Validation Work Flow for Availability Long Response (Correct Case)

1. Validate data type for all elements/attributes

2. Validate status’s data

3. Validate TaxFee base’s data

XML Schema Validation

4. Validate currency’s data

5. Validate rateplan’s data

6. Validate ratetype’s data

7. Validate Model’s data

XML Schema Validation 1, 3-7 will accept data and format as per response parameter table below.

XML Schema Validation 2 (Validate status’s data) will be validated by accepting 3 characters and each character contains 0-9 as per response parameter table below.

### Response Parameter (Correct Case)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Element | Parent Element | Attribute | Required | Data Type | Example | Description |
| AvailabilityLongResponseV2 |  | searchid | Y | long | 260050612000002 | The unique id that this search received in our system |
|  |  | status | Y | string | 200 | Details are on Response Codes Part (Appendix) |
| Hotels | AvailabilityLongResponseV2 |  | Y |  |  |  |
| Hotel | Hotels |  | Y |  |  |  |
| id | Hotel |  | Y | short | 12133 | Agoda’s hotel ID |
| CheapestRoom | Hotel | exclusive | Y | decimal | 120.00 | The cost per room per night exclusive of tax and service fees |
|  |  | tax | Y | decimal | 12.00 | Tax amount of room value |
|  |  | fees | Y | decimal | 55.00 | Fees. |
|  |  | inclusive | Y | decimal | 167.00 | The cost per room service charge inclusive of tax and service fees |
| PaxSettings | Hotel | submit | Y | string | all | Possible values are   * **all** = require all guest name * **one =** require only one guest name |
|  |  | infantage | Y | integer | 2 |  |
|  |  | childage | Y | integer | 14 |  |
| Rooms | Hotels |  | Y |  |  |  |
| Room | Rooms | id | Y | short | 41569 | Hotel’s room ID |
|  |  | promotionid | N | integer | 140175 | Promotion ID |
|  |  | name | Y | string | Deluxe room | Room name |
|  |  | lineitemid | Y | integer | 5 | Unique id for each room result |
|  |  | rateplan | Y | string | Retail |  |
|  |  | ratetype | Y | string | Sell |  |
|  |  | currency | Y | string | USD | Details are on Currency Part (Appendix) |
|  |  | Model | Y | string | MerchantCommission | Possible values for Model field are   * Agency * HotelBooking * Merchant * MerchantCommission |
| StandardTranslation | Room |  | Y | string | ห้องดีลักซ์ | Room name translated (will be translated as per language you perform in request) |
| MaxRoomOccupancy | Room |  | N |  |  |  |
|  |  | normalbedding | Y | integer | 4 | Numbers of normal bed of that particular room |
|  |  | extrabeds | Y | integer | 2 | Numbers of extra bed of that particular room |
| RemainingRooms | Room |  | Y | integer | 10 |  |
| RateInfo | Room |  | Y |  |  |  |
| Rate | RateInfo | exclusive | Y | decimal | 120.00 | Room rate exclusive, applied according to “Base” |
|  |  | tax | Y | decimal | 12.00 | Tax, applied according to “Base” |
|  |  | fees | Y | decimal | 55.00 | Service Charge, applied according to “Base” |
|  |  | inclusive | Y | decimal | 167.00 | Room rate inclusive, applied according to “Base” |
| RewardPoints | RateInfo |  | Y | short | 12500 | Reward point earned |
|  |  | savings | Y | decimal | 8.27 | Reward saving |
| Promotion | RateInfo | savings | Y | decimal | 25.80 | Promotion saving |
|  |  | text | N | string | Hot deal - rate includes 10% discount! | Promotion text |
| DailyRates | RateInfo |  | N |  |  | **Note:** If it is an external provider, this rate will not be able to offer. |
| DailyRateDate | DailyRates |  | Y |  |  |  |
|  |  | date | Y | date | 2010-08-21 | Rate breakdown per room per night |
|  |  | exclusive | Y | decimal | 120.00 | Rate breakdown per room per night |
|  |  | tax | Y | decimal | 12.00 | Rate breakdown per room per night |
|  |  | fees | Y | decimal | 55.00 | Rate breakdown per room per night |
|  |  | inclusive | Y | decimal | 167.00 | Rate breakdown per room per night |
| TaxServiceBreakdown | RateInfo |  | Y |  |  | **Note:** If it is an external provider, this TaxFee will not be able to offer. |
| TaxFee | TaxServiceBreakdown |  | N |  |  |  |
|  |  | id | Y | string | 01 | Unique id |
|  |  | type | Y | string | Fee | Possible Types are:   * **Tax** * **Fee** |
|  |  | description | Y | string | Sales tax | Tax or Fee description |
|  |  | translation | Y | string | Sales tax | Description translation, if any |
|  |  | method | Y | string | PB | Possible method values as follows:  **PB** = Per Booking  **PN =** Per Night  **PGPB =** Per Guest Per Booking  **PAPB =** Per Adult Per Booking  **PCPB =** Per Child Per Booking  **PAPN =** Per Adult Per Night  **PGPN =** Per Guest Per Night  **PCPN** = Per Child Per Night  **PAPD** = Per Adult Per Day  **PGPD** = Per Guest Per Day  **PCPD** = Per Child Per Day  **PRPN** = Per Room Per Night |
|  |  | base | N | string | N | There are possible values for ‘base’ as follows:  **M** = Tax over Margin  **N** = Tax over Net |
|  |  | taxable | N | string | Y | Possible taxable values are  **Y** = Tax apply over fee  **N** = Tax doesn’t apply over fee |
|  |  | percent | N | decimal | 10 | Tax or fee percentage |
|  |  | amount | N | decimal | 1 | Tax or fee amount of its currency |
|  |  | total | Y | decimal | 9.00 | Total value of that particular tax or fee |
|  |  | currency | N | string | USD | Tax or fee amount of its currency |
| Included | RateInfo |  | N | string | breakfast | Any charges include in the booking |
| Excluded | RateInfo |  | N | string | Resort fee | Any charges exclude in the booking |
| Surcharges | RateInfo |  | N |  |  |  |
| Surcharge | Surcharges | id | Y | integer | 56 | Surcharge id |
|  |  | method | Y | string | PAPB | Possible method values as follows:  **PAPB** = Per Adult Per Booking  **PAPD** = Per Adult Per Day  **PAPN** = Per Adult Per Night  **PB** = Per Booking  **PCPB** = Per Child Per Booking  **PCPD** = Per Child Per Day  **PCPN** = Per Child Per Night  **PGPB** = Per Guest Per Booking  **PGPD** = Per Guest Per Day  **PGPN** = Per Guest Per Night  **PN** = Per Night  **PP** = Per Person  **PRPN** = Per Room Per Night |
|  |  | charge | Y | string | mandatory | Possible charge values as follows:   * **mandatory** * **optional**   **Note:** If it is mandatory, Surcharge will be charged as a part of total booking value. And if it is an optional, Surcharge will be charged when submit in the booking request |
|  |  | margin | Y | string | n | There are possible values for ‘margin’ as follows:  **y** = Margin applied  **n** = No surcharge margin |
| Name | Surcharge |  | Y | string | Speed Boat Transfer (Adult x 2) | Surcharge name |
| Rate | Surcharge | exclusive | Y | decimal | 120.00 | Total surcharge rate for the whole booking |
|  |  | tax | Y | decimal | 12.00 | Total surcharge rate for the whole booking |
|  |  | fees | Y | decimal | 55.00 | Total surcharge rate for the whole booking |
|  |  | inclusive | Y | decimal | 167.00 | Total surcharge rate for the whole booking |
| Cancellation | Room |  | Y |  |  |  |
| PolicyText | Cancellation |  | N | string | Any cancellation received within 3 day/s prior to arrival will incur the first 1 night/s charge. Failure to arrive at your hotel will be treated as a No-Show and will incur the first 1 night/s charge. | Cancellation policy that is shown in text format |
|  |  | language | Y | string | en-us | Details are on Language Part (Appendix) |
| PolicyTranslated | Cancellation |  | N | string | หากท่านยกเลิกการจองห้องพักเป็นเวลาน้อยกว่า 3 วันก่อนวันเช็คอิน ท่านจะถูกเรียกเก็บเงินเท่ากับการเข้าพัก 1 คืนแรก กรณีที่ท่านไม่เช็คอินที่โรงแรมตามกำหนด จะถือเป็นการไม่เข้าพัก และท่านจะถูกเรียกเก็บเงินเท่ากับการเข้าพัก 1 คืนแรก | Cancellation policy that is shown in translated text format  **Note:** If it is an external provider, this PolicyTranslated will not be able to offer. |
|  |  | language | Y | string | th-th | Details are on Language Part (Appendix) |
| PolicyParameters | Cancellation |  | N |  |  | **Note:** If it is an external provider, this PolicyTranslated will not be able to offer. |
| PolicyParameter | PolicyParameters |  | Y | integer | 1 |  |
|  |  | days | Y | integer | 14 |  |
|  |  | charge | Y | string | N | There are possible values for ‘charge’ as follows:  **N** = Night  **P** = Percent |
| PolicyDates | Cancellation |  | N |  |  | Cancellation fee applied if the partner cancel the booking before or after the date specified |
| PolicyDate | PolicyDates | before | N | date | 2011-01-02 | The date used to identify cancellation fee, if cancel before this date |
|  |  | after | N | date | 2011-01-02 | The date used to identify cancellation fee, if cancel after this date |
| Rate | PolicyDate | exclusive | Y | decimal | 120.00 | Total amount of cancellation fee |
|  |  | tax | Y | decimal | 12.00 | Total amount of cancellation fee |
|  |  | fees | Y | decimal | 55.00 | Total amount of cancellation fee |
|  |  | inclusive | Y | decimal | 167.00 | Total amount of cancellation fee |
| LandingURL | Room |  | Y | string | http://www.agoda.co.th/partners/xml2010\_landing.aspx?siteid=12345&searchid=260050612000002&lineitemid=5&currency=USD"/> | The landing page URL that you use if the customer clicks through. |

### Response Sample (Error Case)

<?xml version="1.0" encoding="utf-8" ?>

<AvailabilityLongResponseV2 searchid="260050612000002" status="401" xmlns="http://xml.agoda.com" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">

<ErrorMessages>

<ErrorMessage id="101">Parameter Type is not valid</ErrorMessage>

</ErrorMessages>

</AvailabilityLongResponseV2>

### XML Schema Validation Work Flow for Availability Long Response (Error Case)

Please refer to Response Flow (Error Case) Part (Appendix).

### Response Parameter (Error Case)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Element | Parent Element | Attribute | Required | Data Type | Example | Description |
| AvailabilityLongResponseV2 |  | searchid | Y | long | 260050612000002 | The unique id that this search received in our system |
|  |  | status | Y | string | 401 | Details are on Response Codes Part (Appendix) |
| ErrorMessages | AvailabilityLongResponseV2 |  | N |  |  |  |
| ErrorMessage | ErrorMessages |  | Y | string | Parameter Type is not valid | Details are on Response Body Part (Appendix) |
|  |  | id | Y | string | 101 | Details are on Response Body Part (Appendix) |

## Availability Long Response (when async= "true" on Request)

When there is async = “true” on XML request, it need to be taken 2 steps for getting the result page-by-page sorted. First, after the request was sent, there will be response that consists of ‘searchid’. This ‘searchid’ has to be used for requesting long result. Second, use ‘searchid’ on the second request, then it will return Availability Long Response.

### Response Sample (Correct Case)

<?xml version="1.0" encoding="utf-8" ?>

<AvailabilityLongResponseV2 searchid="260050612000002" status="200" xmlns="http://xml.agoda.com" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">

</AvailabilityLongResponseV2>

### XML Schema Validation Work Flow for Availability Long Response (Correct Case when async = true)

1. Validate data type for all elements/attributes

XML Schema Validation

2. Validate status’s data

1. Validate data type for all elements/attributes

Validate data type for all elements or attributes as per request parameter table below.

1. Validate status’s data

Validate by accepting 3 characters and each character contains 0-9 as per response parameter table below.

### Response Parameter (Correct Case)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Element | Parent Element | Attribute | Required | Data Type | Example | Description |
| AvailabilityLongResponseV2 |  | searchid | Y | long | 260050612000002 | The unique id that this search received in our system |
|  |  | status | Y | string | 200 | Details are on Response Codes Part (Appendix) |

### Response Sample (Error Case)

<?xml version="1.0" encoding="utf-8" ?>

<AvailabilityLongResponseV2 searchid="260050612000002" status="401" xmlns="http://xml.agoda.com" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">

<ErrorMessages>

<ErrorMessage id="101"> Parameter Type is not valid</ErrorMessage>

</ErrorMessages>

</AvailabilityLongResponseV2>

### XML Schema Validation Work Flow for Availability Long Response (Error Case when async = true)

Please refer to Response Flow (Error Case) Part (Appendix).

### Response Parameter

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Element | Parent Element | Attribute | Required | Data Type | Example | Description |
| AvailabilityLongResponseV2 |  | searchid | Y | long | 260050612000002 | The unique id that this search received in our system |
|  |  | status | Y | string | 401 | Details are on Response Codes Part (Appendix)  **Note: The status for this response will not have status = 200 and in case of success, we will return status = 202** |
| ErrorMessages | AvailabilityLongResponseV2 |  | N |  |  |  |
| ErrorMessage | ErrorMessages |  | Y | string | Parameter Type is not valid | Details are on Response Body Part (Appendix) |
|  |  | id | Y | string | 101 | Details are on Response Body Part (Appendix) |

## GetResult Request (for getting long result by using searchid)

### XML GetResult Work Flow

XML Schema Validation

Return XML Availability (Long Response)

XML AvailabilityResult Request

### Request Sample

<?xml version="1.0" encoding="utf-8" ?>

<GetResultsRequestV2 siteid="123456" apikey="00000000-0000-0000-0000-000000000000" xmlns="http://xml.agoda.com" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">

<Search id="260050612000002"/>

<Selection sort="Name" page="2" pagesize="10" currency="USD" />

</GetResultsRequestV2>

### XML Schema Validation Work Flow for GetResult Request

1. Validate data type for all elements/attributes

2. Validate sort’s data

XML Schema Validation

3. Validate API key’s format

4. Validate currency’s data

1. Validate data type for all element/attribute

Validate data type for all elements or attributes as per request parameter table below.

1. Validate sort’s data

Validate by accepting sort’s data as per request parameter table below.

1. Validate API key’s format

Validate by accepting format 00000000-0000-0000-0000-000000000000

The zero (0) as per the example has possible value is A-Z or a-z or 0-9.

1. Validate currency’s data

Validate by accepting currency as per request parameter table below.

### Request Parameter

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Element | Parent Element | Attribute | Required | Data Type | Example | Description |
| GetResultsRequestV2 |  | siteid | Y | integer | 123456 |  |
|  |  | apikey | Y | string | 00000000-0000-0000-0000-000000000000 | APIKey used for identification of your access and allowed Countries / Cities / Hotels. The zero (0) as per the example has possible value is A-Z or a-z or 0-9.  **Note:** please contact Account Manager for APIKey |
| Search | GetResultsRequestV2 | id | Y | long | 260050612000002 | The unique id that this search received in our system |
| Selection | GetResultsRequestV2 | sort | Y | string | Popularity | Possible values of ‘sort’ are   * Popularity * Price * Name * Location * HighestPrice * StarRatingAsc * StarRatingDesc * Distance |
|  |  | page | Y | integer | 2 | Page that is wanted |
|  |  | pagesize | Y | integer | 10 | Number of record per page recommend to submit consecutive page number and does not change page size |
|  |  | currency | Y | string | USD | Details are on Currency Part (Appendix) |

## The Response for GetResult Request will follow [Availability Long Response](#_Availability_Long_Response) above.