**Identification Management System Interface Control Document**

**Revision History**

|  |  |  |  |
| --- | --- | --- | --- |
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| 1.4 | 9/18/2012 | Scott Salley | Updated configuration, removed meta api, added CreateXBand, UpdateXBandType, createGuest, updateGuest |
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**Document Approvers & Sign-Off**

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# Document Purpose and IDMS Background

This document helps to outline and define the interface of the Identification Management System (IDMS).

At its heart, IDMS is an ID to ID management system. It functions as a lookup or “phonebook” for various systems to look up data in other systems, primarily as a frontline cache for the xBRC to resolve ids received from an xBand to the associated guest.

For more information regarding the architecture and design, please see the xConnect IDMS Architecture document (*900-0136 Rev 1.6 xConnect IDMS Architecture*).

# Configuration

IDMS uses the file /etc/nge/config/environment.properties. Any change to environment.properties requires Tomcat or TC Server to be restarted.

The following is an example configuration:

nge.xconnect.idms.databasedriver=net.sourceforge.jtds.jdbc.Driver

nge.xconnect.idms.dbserver.url=jdbc:jtds:sqlserver://localhost:1433/IDMS

nge.xconnect.idms.dbserver.uid=EMUSER

nge.xconnect.idms.dbserver.pwd=Mayhem!23

nge.xconnect.idms.c3p0.maxPoolSize=20

nge.xconnect.idms.c3p0.maxStatementsPerConnection=50

nge.xconnect.idms.c3p0.maxStatements=400

nge.xconnect.idms.cache.enable=true

nge.xconnect.idms.cache.maxGuests=1000000

nge.xconnect.idms.cache.maxBands=3000000

nge.xconnect.idms.cache.resetTime=17:00

nge.xconnect.idms.ssl.keystore.client=/etc/nge/ssl/xconnect/.client.ks

nge.xconnect.idms.ssl.keystorePassword.client=ENC(sai+/7P4uf69LweE1nP9gae2YhPZwpGoZJ0vI9MTXOE=)

| **Property** | **Description** |
| --- | --- |
| nge.xconnect.idms.databasedriver | The name of the database driver used to create an instance of a database connection. |
| nge.xconnect.idms.dbserver.url | A JDBC database connection URL. |
| nge.xconnect.idms.dbserver.uid | A user created in the IDMS database that has read/write ability and the ability to run the stored procs associated with IDMS. |
| nge.xconnect.idms.dbserver.pwd | The password for the databaseUser. |
| nge.xconnect.idms.readOnly | Interfaces that cause a change in the database will return an error when set to true. Default: false. |
| nge.xconnect.idms.c3p0.maxPoolSize |  |
| nge.xconnect.idms.c3p0.maxStatementsPerConnection |  |
| nge.xconnect.idms.c3p0.maxStatements |  |
| nge.xconnect.idms.ssl.keystore.client | Location of the client SSL keystore installed. |
| nge.xconnect.idms.ssl.keystorePassword.client | The password for the SSL keystore. |
| nge.xconnect.idms.cache.enable | Set to ‘true’ to turn on caching. Default: false |
| nge.xconnect.idms.cache.maxGuests | The maximum number of guest objects to hold in memory. Default: 1000000 |
| nge.xconnect.idms.cache.maxBands | The maximum number of band objects to hold in memory. Default: 3000000 |
| nge.xconnect.idms.cache.resetTime | Time of day (HH:mm, 24-hr clock) to clear cache. Default: “” |

# Interfaces

IDMS provides the following endpoints for applications to retrieve and update data, detailed descripts of each endpoint are logically grouped in subsequent sections.

|  |  |
| --- | --- |
| **Path** | **Operations** |
| /celebration | GET1, POST1, PUT1, DELETE1 |
| /celebrations | Removed in 1.6. |
| /configuration | GET, POST2 |
| /itinerary-items | Removed in 1.6. |
| /guest | GET, POST1, PUT1 |
| /guests | GET |
| /guest-data | GET |
| /import | Removed in 1.6. |
| /meta | Removed in 1.6. |
| /metrics | GET |
| /party | Removed in 1.6. |
| /status | GET |
| /resort-reservations | Removed in 1.6. |
| /visit | Removed in 1.6. |
| /xband | GET, POST1, PUT1 |
| /xbands | GET |

1 This operation will be removed in a future release. A placeholder for these operations will remain in this documentation until they are removed.

2 This operation was not supported in previous releases, and will be removed in a future release.

# Monitoring

This section describes the IDMS RESTFul APIs that enable other applications, such as xBRMS, to monitor the status of the IDMS application, check the current configuration settings, and monitor performance metrics.

## Configuration

The configuration API calls allows the ability to view the current IDMS configuration from the browser or another applications.

|  |  |
| --- | --- |
| **Path** | /configuration |
| **HTTP Method** | GET |
| **Response Format** | JSON |
| **Requires Authentication** | false |
| **Requires Authorization** | false |

### Request

#### Path Variables

No path variables are required.

#### Request Body

The request body for this service will be empty.

### Response

#### Response Status Codes

|  |  |
| --- | --- |
| **Status Code** | **Description** |
| 200 | The request was processed successfully. |
| 404 Not Found | The configuration data could not be found. |
| 500 Internal Service Error | The server raised an uncaught exception. |

#### Response Headers

|  |  |  |
| --- | --- | --- |
| **Header** | **Description** | **Supported Values** |
| Content-Type | The response content type | application/json;charset=utf-8 |

#### Response Body

JSON

Data Format Details

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Attribute** | **Data Type** | **Data Format** | **Data Length** | **Description** |
| readOnly | Boolean |  |  | Indicates whether or not the IDMS API can be used to write data. True means calls to APIs that write data will fail. |
| databaseDriver | String |  |  | Java type used to connect to the database using JDBC. |
| cacheEnabled | Boolean |  |  | Indicates if data from calls to the database are cached or not. True means that caching is being performed. |
| databaseUrl | String |  |  | Server location and database that the IDMS data is persisted to. |
| databaseUser | String |  |  | User used to connect to the database. |
| maxPoolSize | String | Integer |  | Maximum number of connections used by the connection pool when connecting to the database. |
| maxStatements | String | Integer |  | Maximum number of statements allowed to be executed concurrently. |
| maxStatementsPerConnection | String | Integer |  | Maximum number of statements allowed per connection. |
| restartIDMS | String |  |  | Not Used. |
| cacheMaxGuests | String | Integer |  | Maximum number of guests to be allowed in the cache. Ignored if caching is disabled. |
| cacheMaxBands | String | Integer |  | Maximum number of bands to be allowed in the cache. Ignored if caching is disabled. |
| cacheResetTime | String | Integer |  | Number of milliseconds to keep items in the cache before clearing them. Ignored if caching is disabled. |

#### Example

{

"readOnly": false,

"databaseDriver": "net.sourceforge.jtds.jdbc.Driver",

"cacheEnabled": false,

"databaseURL": "jdbc:jtds:sqlserver://nm-fldi-00223.wdw.disney.com:1433/IDMS",

"databaseUser": "EMUser",

"maxPoolSize": "20",

"maxStatements": "400",

"maxStatementsPerConnection": "50",

"restartIDMS": false,

"cacheMaxGuests": "1000000",

"cacheMaxBands": "3000000",

"cacheResetTime": null

}

## Status

The status API call allows the ability to view the current IDMS status from the browser or another application. This endpoint is used by xBRMS to monitor the system health of IDMS.

|  |  |
| --- | --- |
| **Path** | /status |
| **HTTP Method** | GET |
| **Response Format** | XML |
| **Requires Authentication** | false |
| **Requires Authorization** | false |

### Request

#### Path Variables

No path variables are required.

#### Request Body

The request body for this service will be empty.

### Response

#### Response Status Codes

|  |  |
| --- | --- |
| **Status Code** | **Description** |
| 200 | The request was processed successfully. |
| 404 Not Found | The status data could not be found. |
| 500 Internal Service Error | The server raised an uncaught exception. |

#### Response Headers

|  |  |  |
| --- | --- | --- |
| **Header** | **Description** | **Supported Values** |
| Content-Type | The response content type | application/json;charset=utf-8 |

#### Response Body

XML

#### Example

<status>  
 <databaseURL>jdbc:jtds:sqlserver://server:1433/IDMS</databaseURL>  
 <databaseUserName>EMUSER</databaseUserName>  
 <databaseVersion>1.5.0.00010</databaseVersion>  
 <hostname>server</hostname>  
 <readOnly>false</readOnly>  
 <startTime>2013-02-27T18:49:03.333-05:00</startTime>  
 <status>Green</status>  
 <statusMessage/>  
 <version>1.6.0.5129</version>  
</status>

## Metrics

The metrics endpoint provides metrics on the performance of the calls made to IDMS through the RESTFul API.

|  |  |
| --- | --- |
| **Path** | /metrics |
| **HTTP Method** | GET |
| **Response Format** | XML |
| **Requires Authentication** | false |
| **Requires Authorization** | false |

### Request

#### Path Variables

No path variables are required.

#### Request Body

The request body for this service will be empty.

### Response

#### Response Status Codes

|  |  |
| --- | --- |
| **Status Code** | **Description** |
| 200 | The request was processed successfully. |
| 404 Not Found | The status data could not be found. |
| 500 Internal Service Error | The server raised an uncaught exception. |

#### Response Headers

|  |  |  |
| --- | --- | --- |
| **Header** | **Description** | **Supported Values** |
| Content-Type | The response content type | application/json;charset=utf-8 |

#### Response Body

XML

#### Example

<metrics totalTransactions="13" startTime="2013-03-29T15:58:40.613-04:00" averageTransactionTime="396.6923">  
 <celebration>  
 <metric name="GetCelebrationById" min="134.0"  
 mean="134.0" max="134.0" count="1"/>  
 <metric name="AddCelebrationToGuest" min="0.0  
 mean="0.0" max="0.0" count="0"/>  
 <metric name="UpdateCelebration" min="0.0"  
 mean="0.0" max="0.0" count="0"/>  
 <metric name="GetCelebrationByGuestXId" min="0.0"  
 mean="0.0" max="0.0" count="0"/>  
 <metric name="GetCelebrationsByGuestId" min="0.0"  
 mean="0.0" max="0.0" count="0"/>  
 <metric name="DeleteCelebration" min="0.0"  
 mean="0.0" max="0.0" count="0"/>  
 </celebration>  
 <guest>  
 <metric name="GetGuestAcquisitionByXbandRequest" min="31.0"  
 mean="31.0" max="31.0" count="1"/>  
 <metric name="GetGuestNameById" min="8.0"  
 mean="8.0" max="8.0" count="1"/>  
 <metric name="UpdateGuestEmail" min="0.0"  
 mean="0.0" max="0.0" count="0"/>  
 <metric name="GetGuestCelebrations" min="0.0"  
 mean="0.0" max="0.0" count="0"/>  
 <metric name="SearchByName" min="0.0"  
 mean="0.0" max="0.0" count="0"/>  
 <metric name="GetOneViewParty" min="0.0"  
 mean="0.0" max="0.0" count="0"/>  
 <metric name="GetGuestByEmail" min="7.0"  
 mean="319.0" max="769.0" count="3"/>  
 <metric name="GetGuestAcquisitionByAcquisition" min="0.0"  
 mean="0.0" max="0.0" count="0"/>  
 <metric name="UpdateGuest" min="0.0"  
 mean="0.0" max="0.0" count="0"/>  
 <metric name="GetGuestIdentifiers" min="0.0"  
 mean="0.0" max="0.0" count="0"/>  
 <metric name="PutGuestIdentifier" min="0.0"  
 mean="0.0" max="0.0" count="0"/>  
 <metric name="PostGuestIdentifier" min="0.0"  
 mean="0.0" max="0.0" count="0"/>  
 <metric name="GetXBandsByIdentifier" min="2.0"  
 mean="41.5" max="81.0" count="2"/>  
 <metric name="GetGuestById" min="0.0"  
 mean="0.0" max="0.0" count="0"/>  
 <metric name="GetGuestLocators" min="9.0"  
 mean="9.0" max="9.0" count="1"/>  
 <metric name="SaveGuest" min="0.0"  
 mean="0.0" max="0.0" count="0"/>  
 <metric name="GetGuestAcquisitionByGuest" min="0.0"  
 mean="0.0" max="0.0" count="0"/>  
 <metric name="GetGuestProfileById" min="5.0"  
 mean="25.6" max="75.0" count="3"/>  
 </guest>  
 <xband>  
 <metric name="GetXbandByBandId" min="0.0"  
 mean="0.0" max="0.0" count="0"/>  
 <metric name="GetXbandByUId" min="0.0"  
 mean="0.0" max="0.0" count="0"/>  
 <metric name="AssignXband" min="0.0"  
 mean="0.0" max="0.0" count="0"/>  
 <metric name="AssignXbandToGuest" min="0.0"  
 mean="0.0" max="0.0" count="0"/>  
 <metric name="GetXbandByTapId" min="0.0"  
 mean="0.0" max="0.0" count="0"/>  
 <metric name="GetXbandByLongRangeId" min="0.0"  
 mean="0.0" max="0.0" count="0"/>  
 <metric name="GetXbandsByIdentifier" min="0.0"  
 mean="0.0" max="0.0" count="0"/>  
 <metric name="GetXbandByxBandId" min="0.0"  
 mean="0.0" max="0.0" count="0"/>  
 <metric name="GetXbandBySecureId" min="0.0"  
 mean="0.0" max="0.0" count="0"/>  
 <metric name="UnassignXbandToGuest" min="0.0"  
 mean="0.0" max="0.0" count="0"/>  
 </xband>  
 <xview>  
 <metric name="GetGuestByIdOld" min="10.0"  
 mean="10.0" max="10.0" count="1"/>  
 <metric name="GetXBandBylrId" min="0.0"  
 mean="0.0" max="0.0" count="0"/>  
 <metric name="GetXBandByTapId" min="0.0"  
 mean="0.0" max="0.0" count="0"/>  
 <metric name="GetGuestById" min="0.0"  
 mean="0.0" max="0.0" count="0"/>  
 <metric name="GetXBandBySecureId" min="0.0"  
 mean="0.0" max="0.0" count="0"/>  
 <metric name="GetXBandByBandId" min="0.0"  
 mean="0.0" max="0.0" count="0"/>  
 <metric name="GetXBandByXBandIdOld" min="0.0"  
 mean="0.0" max="0.0" count="0"/>  
 <metric name="GetXBandByXBandId" min="0.0"  
 mean="0.0" max="0.0" count="0"/>  
 </xview>  
</metrics>

# Guest

The following sections document the APIs that provide details about a guest and related identifiers and xBands.

## Provide Guest xBands

The provide guest xbands API returns a list of xbands currently assigned to the guest.

|  |  |
| --- | --- |
| **Path** | /guest/{guestId}/xbands or /guest/id={guestIdType}={guestIdValue}/xbands |
| **HTTP Method** | GET |
| **Response Format** | JSON |
| **Requires Authentication** | false |
| **Requires Authorization** | false |

### Request

#### Path Variables

|  |  |
| --- | --- |
| **Variable** | **Description** |
| id | The id of the guest details to retrieve. |
| guestIdType | The type of guest identifier to use, i.e. transactional-guest-id. guestId can be used when specifying the IDMS guest ID. |
| guestIdValue | The guest id, of the type specified, to be used to retrieve the guest details. |

#### Request Body

The request body for this service will be empty.

### Response

#### Response Status Codes

|  |  |
| --- | --- |
| **Status Code** | **Description** |
| 200 | The request was processed successfully. |
| 404 Not Found | The configuration data could not be found. |
| 500 Internal Service Error | The server raised an uncaught exception. |

#### Response Headers

|  |  |  |
| --- | --- | --- |
| **Header** | **Description** | **Supported Values** |
| Content-Type | The response content type | application/json;charset=utf-8 |

#### Response Body

JSON

Data Format Details

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Attribute** | **Data Type** | **Data Format** | **Data Length** | **Description** |
| startItem | Integer |  |  | Count of starting item in the list. Not used, always zero. |
| itemLimit | Integer |  |  | Maximum number of items that can be retrieved. Not used, always zero. |
| itemCount | Integer |  |  | Number of items in the list. |
| xbands | Complex | Array |  | List of xBands assigned to the guest. |
| -state | String |  |  | The main state of the xBand, i.e., whether it is active. |
| -publicId | String |  |  | The public identifier of the xBand. |
| -productId | String |  |  | Matches the public id, which differs from xBMS. |
| -xbandId | String |  |  | IDMS id for the xBand, doesn’t match the xBMS xBMS xbandId. |
| -xbandRequestId | String |  |  | Same as public id, doesn’t match the xBMS xbandRequestId. |
| -bandId | String |  |  | Unique value to that represents the xBand |
| -guests | Complex | Array |  | Guests assigned to the band. Always empty, to avoid circular references. |
| -shortRangeTag | String |  |  | Hexadecimal representation of xBMS shortRangeTag. |
| -longRangeTag | String |  |  | Hexadecimal representation, in reverse byte order of publicid. |
| -secondaryState | String |  |  | The secondary state of the xBand; e.g., reason why it is inactive. |

#### Example

{

"startItem": 0,

"itemLimit": 0,

"itemCount": 1,

"xbands": [

{

"state": "Active",

"publicId": "3A387F129FA16C00",

"productId": "3A387F129FA16C00",

"xbandId": 35753116,

"xbandRequestId": "3A387F129FA16C00",

"bandId": "3A387F129FA16C00",

"guests": [ ],

"shortRangeTag": "F0FCCFB5590000",

"longRangeTag": "FFDBEDF800",

"secondaryState": "Active"

}

]

}

## Provide Guest Locators

The provide guest locators API returns a list of identifiers types currently supported by IDMS. Attempting to retrieve a guest using identifiers not returned from this endpoint will be ignored.

|  |  |
| --- | --- |
| **Path** | /guest/{guestId}/xbands or /guest/id={guestIdType}={guestIdValue}/xbands |
| **HTTP Method** | GET |
| **Response Format** | JSON |
| **Requires Authentication** | false |
| **Requires Authorization** | false |

### Request

#### Path Variables

No path variables need to be specified.

#### Request Body

The request body for this service will be empty.

### Response

#### Response Status Codes

|  |  |
| --- | --- |
| **Status Code** | **Description** |
| 200 | The request was processed successfully. |
| 404 Not Found | The configuration data could not be found. |
| 500 Internal Service Error | The server raised an uncaught exception. |

#### Response Headers

|  |  |  |
| --- | --- | --- |
| **Header** | **Description** | **Supported Values** |
| Content-Type | The response content type | application/json;charset=utf-8 |

#### Response Body

JSON

**Data Format Details**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Attribute** | **Data Type** | **Data Format** | **Data Length** | **Description** |
| guestLocators | Complex | Array |  | List of guest locators currently supported by IDMS. |

#### Example

{

"guestLocators": [

"gxp-link-id",

"dme-link-id",

"xbms-link-id",

"xid",

"FBID",

"swid",

"transactional-guest-id",

"gff-bog-link-id",

"admission-link-id",

"payment-link-id",

"media-link-id",

"leveln-link-id",

"bog-xedc-link-id",

"bog-link-id"

]

}

## Provide Guest Identifiers

The provide guest identifiers API returns a list of key value pairs that represent the source system name and source system id value for a guest.

|  |  |
| --- | --- |
| **Path** | /guest/{guestId}/identifiers or /guest/id={guestIdType}={guestIdValue}/identifiers |
| **HTTP Method** | GET |
| **Response Format** | JSON |
| **Requires Authentication** | false |
| **Requires Authorization** | false |

### Request

#### Path Variables

|  |  |
| --- | --- |
| **Variable** | **Description** |
| id | The id of the guest details to retrieve. |
| guestIdType | The type of guest identifier to use, i.e. transactional-guest-id. guestId can be used when specifying the IDMS guest ID. |
| guestIdValue | The guest id, of the type specified, to be used to retrieve the guest details. |

#### Request Body

The request body for this service will be empty.

### Response

#### Response Status Codes

|  |  |
| --- | --- |
| **Status Code** | **Description** |
| 200 | The request was processed successfully. |
| 404 Not Found | The configuration data could not be found. |
| 500 Internal Service Error | The server raised an uncaught exception. |

#### Response Headers

|  |  |  |
| --- | --- | --- |
| **Header** | **Description** | **Supported Values** |
| Content-Type | The response content type | application/json;charset=utf-8 |

#### Response Body

#### Example

## Provide Guest Celebrations

The provide guest celebrations API returns a list of celebrations associated with the guest.

|  |  |
| --- | --- |
| **Path** | /guest/{guestId}/celebrations or /guest/id={guestIdType}={guestIdValue}/celebrations |
| **HTTP Method** | GET |
| **Response Format** | JSON |
| **Requires Authentication** | false |
| **Requires Authorization** | false |

This API has been removed.

### Request

#### Path Variables

|  |  |
| --- | --- |
| **Variable** | **Description** |
| id | The id of the guest details to retrieve. |
| guestIdType | The type of guest identifier to use, i.e. transactional-guest-id. guestId can be used when specifying the IDMS guest ID. |
| guestIdValue | The guest id, of the type specified, to be used to retrieve the guest details. |

#### Request Body

The request body for this service will be empty.

### Response

#### Response Status Codes

|  |  |
| --- | --- |
| **Status Code** | **Description** |
| 200 | The request was processed successfully. |
| 404 Not Found | The configuration data could not be found. |
| 500 Internal Service Error | The server raised an uncaught exception. |

#### Response Headers

|  |  |  |
| --- | --- | --- |
| **Header** | **Description** | **Supported Values** |
| Content-Type | The response content type | application/json;charset=utf-8 |

#### Response Body

JSON

Data Format Details

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Attribute** | **Data Type** | **Data Format** | **Data Length** | **Description** |
| identifiers | Complex | Array | n/a | Source system identifier key value pairs. |
| -value | String |  |  | Source system id for the guest. |
| -type | String |  |  | Guest locator. |
| -guestId | Long |  |  | IDMS guest id. |
| links | Complex | Array |  | Reference links |
| -self | Complex | Link |  | Reference to this endpoint. |
| -ownerProfile | Complex | Link |  | Reference to the guest profile. |

#### Example

{

"identifiers": [

{

"value": "301002734",

"type": "bog-xedc-link-id",

"guestId": 36198506

},

{

"value": "503026",

"type": "gxp-link-id",

"guestId": 36198506

},

{

"value": "{3141C75B-B4A6-499B-8921-1524B790FCC7}",

"type": "swid",

"guestId": 36198506

},

{

"value": "6BCE6E79-67C0-4A24-8C23-A998CD98A8DD",

"type": "xbms-link-id",

"guestId": 36198506

},

{

"value": "923EA210-C14F-483F-9858-4D955FB3B91C",

"type": "xid",

"guestId": 36198506

}

],

"links": {

"self": {

"href": "/guest/36198506/identifiers"

},

"ownerProfile": {

"href": "/guest/36198506/profile"

}

}

}

## Update Guest Identifier

The update guest identifiers API allows the source system id value for a guest to be updated.

|  |  |
| --- | --- |
| **Path** | /guest/{guestId}/identifiers or /guest/id={guestIdType}={guestIdValue}/identifiers |
| **HTTP Method** | PUT |
| **Response Format** | JSON |
| **Requires Authentication** | false |
| **Requires Authorization** | false |

### Request

#### Path Variables

|  |  |
| --- | --- |
| **Variable** | **Description** |
| id | The id of the guest details to retrieve. |
| guestIdType | The type of guest identifier to use, i.e. transactional-guest-id. guestId can be used when specifying the IDMS guest ID. |
| guestIdValue | The guest id, of the type specified, to be used to retrieve the guest details. |

#### Request Body

JSON

**Data Format Details**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Attribute** | **Data Type** | **Data Format** | **Data Length** | **Description** |
| identifier-type | String |  |  | Contains the name of the identifier type to update. |
| identifier-value | String |  |  | Contains the value of the identifier to update. |

#### Example

{

"value": "A18327C205B64F39942AA703A0AE3E9A",

"type": "xid",

}

### Response

#### Response Status Codes

|  |  |
| --- | --- |
| **Status Code** | **Description** |
| 200 OK | The request was processed successfully. |
| 400 Bad Request | This service was provided invalid input. |
| 404 Not Found | The configuration data could not be found. |
| 500 Internal Service Error | The server raised an uncaught exception. |

#### Response Body

The response body for this service will be empty.

## Create Guest Identifier

The create guest identifiers API allows the source system id value for a guest to be created.

|  |  |
| --- | --- |
| **Path** | /guest/{guestId}/identifiers or /guest/id={guestIdType}={guestIdValue}/identifiers |
| **HTTP Method** | POST |
| **Response Format** | JSON |
| **Requires Authentication** | false |
| **Requires Authorization** | false |

### Request

#### Path Variables

|  |  |
| --- | --- |
| **Variable** | **Description** |
| id | The id of the guest details to retrieve. |
| guestIdType | The type of guest identifier to use, i.e. transactional-guest-id. guestId can be used when specifying the IDMS guest ID. |
| guestIdValue | The guest id, of the type specified, to be used to retrieve the guest details. |

#### Request Body

JSON

**Data Format Details**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Attribute** | **Data Type** | **Data Format** | **Data Length** | **Description** |
| identifier-type | String |  |  | Contains the name of the identifier type to update. |
| identifier-value | String |  |  | Contains the value of the identifier to update. |

#### Example

{

"value": "A18327C205B64F39942AA703A0AE3E9A",

"type": "xid",

}

### Response

#### Response Status Codes

|  |  |
| --- | --- |
| **Status Code** | **Description** |
| 200 OK | The request was processed successfully. |
| 400 Bad Request | This service was provided invalid input. |
| 404 Not Found | The configuration data could not be found. |
| 500 Internal Service Error | The server raised an uncaught exception. |

#### Response Body

The response body for this service will be empty.

## Provide Guest Details

The provide guest details API returns the details of a guest when specifying the IDMS id for the guest.

|  |  |
| --- | --- |
| **Path** | /guest/{id} or /guest/id={guestIdType}={guestId} or /guests/id/{id} or /guests/{id} |
| **HTTP Method** | GET |
| **Response Format** | JSON |
| **Requires Authentication** | false |
| **Requires Authorization** | false |

### Request

#### Path Variables

|  |  |
| --- | --- |
| **Variable** | **Description** |
| id | The IDMS id of the guest details to retrieve. |
| guestIdType | The type of guest identifier to use, i.e. transactional-guest-id. guestId can be used when specifying the IDMS guest ID. |
| guestId | The guest id, of the type specified, to be used to retrieve the guest details. |

#### Request Body

The request body for this service will be empty.

### Response

#### Response Status Codes

|  |  |
| --- | --- |
| **Status Code** | **Description** |
| 200 | The request was processed successfully. |
| 404 Not Found | The configuration data could not be found. |
| 500 Internal Service Error | The server raised an uncaught exception. |

#### Response Headers

|  |  |  |
| --- | --- | --- |
| **Header** | **Description** | **Supported Values** |
| Content-Type | The response content type | application/json;charset=utf-8 |

#### Response Body

JSON

Data Format Details

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Attribute** | **Data Type** | **Data Format** | **Data Length** | **Description** |
| name | Complex | Object |  | Contains the name of the guest. |
| -firstName | String |  |  | First name of the guest. |
| -lastName | String |  |  | Last name of the guest. |
| -middleName | String |  |  | Middle name of the guest, if any. |
| -suffix | String |  |  | Suffix, i.e. II, or III, for the name of the guest, if any. |
| -title | String |  |  | Title, i.e. Mr. or Mrs. For the guest, if any. |
| status | String |  |  | “Active” when guest is active, “Inactive” when guest is not active. |
| identifiers | Complex | Array |  | List of key value pairs representing source system identifiers for the guest. See xxx for more information on an identifier object. |
| -value | String |  |  | Source system id for the guest. |
| -type | String |  |  | Guest locator. |
| -guestId | Long |  |  | IDMS guest id. |
| guestId | Long |  |  | IDMS id for the guest. |
| partyId | Integer |  |  | ID of the party the guest belongs to. Zero if the guest isn’t associated to a party. |
| swid | String |  |  |  |
| gender | String |  |  | Indicates gender of the guest. “MALE” or “FEMALE”. Scheduled to be deprecated. |
| visitCount | Integer |  |  | Number of visits the guest has made. No longer supported, and scheduled to be deprecated. |
| xbands | Collection |  |  | List of xbands assigned to the guest. |
| -state | String |  |  | The main state of the xBand, i.e., whether it is active. |
| -publicId | String |  |  | The public identifier of the xBand. |
| -productId | String |  |  | Matches the public id, which differs from xBMS. |
| -xbandId | String |  |  | IDMS id for the xBand, doesn’t match the xBMS xBMS xbandId. |
| -xbandRequestId | String |  |  | Same as public id, doesn’t match the xBMS xbandRequestId. |
| -bandId | String |  |  | Unique value to that represents the xBand |
| -guests | Complex | Array |  | Guests assigned to the band. Always empty, to avoid circular references. |
| -shortRangeTag | String |  |  | Hexadecimal representation of xBMS shortRangeTag. |
| -longRangeTag | String |  |  | Hexadecimal representation, in reverse byte order of publicid. |
| -secondaryState | String |  |  | The secondary state of the xBand; e.g., reason why it is inactive. |

#### Example

{

"name": {

"lastName": "Granieri",

"firstName": "Cinderella"

},

"status": "Active",

"identifiers": [

{

"value": "A18327C205B64F39942AA703A0AE3E9A",

"type": "xid",

"guestId": 35979958

}

],

"guestId": 35979958,

"partyId": 0,

"swid": "A18327C205B64F39942AA703A0AE3E9A",

"gender": "FEMALE",

"visitCount": 79,

"xbands": [

{

"state": "Active",

"publicId": "35979952",

"productId": "35979952",

"xbandId": 35979952,

"bandType": "Guest",

"bandId": "35979952",

"guests": [ ],

"xbandRequestId": "35979952",

"shortRangeTag": "F01C9187E3B000",

"longRangeTag": "FF261DB000",

"secondaryState": "Active"

}

]

}

## Provide Guest Data Details

The provide guest details API returns the details of a guest when specifying the IDMS id for the guest.

|  |  |
| --- | --- |
| **Path** | /guest-data guest-data ?guest-id-type={guestIdType} &guest-id-value=176666 &start-date-time=nul l&end-date-time=null |
| **HTTP Method** | GET |
| **Response Format** | JSON |
| **Requires Authentication** | false |
| **Requires Authorization** | false |

### Request

#### Path Variables

|  |  |
| --- | --- |
| **Variable** | **Description** |
| id | The IDMS id of the guest details to retrieve. |
| guestIdType | The type of guest identifier to use, i.e. transactional-guest-id. guestId can be used when specifying the IDMS guest ID. |
| guestId | The guest id, of the type specified, to be used to retrieve the guest details. |

#### Request Body

The request body for this service will be empty.

### Response

#### Response Status Codes

|  |  |
| --- | --- |
| **Status Code** | **Description** |
| 200 | The request was processed successfully. |
| 404 Not Found | The configuration data could not be found. |
| 500 Internal Service Error | The server raised an uncaught exception. |

#### Response Headers

|  |  |  |
| --- | --- | --- |
| **Header** | **Description** | **Supported Values** |
| Content-Type | The response content type | application/json;charset=utf-8 |

#### Response Body

JSON

Data Format Details

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Attribute** | **Data Type** | **Data Format** | **Data Length** | **Description** |
| name | Complex | Object |  | Contains the name of the guest. |
| -firstName | String |  |  | First name of the guest. |
| -lastName | String |  |  | Last name of the guest. |
| -middleName | String |  |  | Middle name of the guest, if any. |
| -suffix | String |  |  | Suffix, i.e. II, or III, for the name of the guest, if any. |
| -title | String |  |  | Title, i.e. Mr. or Mrs. For the guest, if any. |
| status | String |  |  | “Active” when guest is active, “Inactive” when guest is not active. |
| identifiers | Complex | Array |  | List of key value pairs representing source system identifiers for the guest. See xxx for more information on an identifier object. |
| -value | String |  |  | Source system id for the guest. |
| -type | String |  |  | Guest locator. |
| -guestId | Long |  |  | IDMS guest id. |
| guestId | Long |  |  | IDMS id for the guest. |
| partyId | Integer |  |  | ID of the party the guest belongs to. Zero if the guest isn’t associated to a party. |
| swid | String |  |  |  |
| gender | String |  |  | Indicates gender of the guest. “MALE” or “FEMALE”. Scheduled to be deprecated. |
| visitCount | Integer |  |  | Number of visits the guest has made. No longer supported, and scheduled to be deprecated. |
| xbands | Collection |  |  | List of xbands assigned to the guest. |
| -state | String |  |  | The main state of the xBand, i.e., whether it is active. |
| -publicId | String |  |  | The public identifier of the xBand. |
| -productId | String |  |  | Matches the public id, which differs from xBMS. |
| -xbandId | String |  |  | IDMS id for the xBand, doesn’t match the xBMS xBMS xbandId. |
| -xbandRequestId | String |  |  | Same as public id, doesn’t match the xBMS xbandRequestId. |
| -bandId | String |  |  | Unique value to that represents the xBand |
| -guests | Complex | Array |  | Guests assigned to the band. Always empty, to avoid circular references. |
| -shortRangeTag | String |  |  | Hexadecimal representation of xBMS shortRangeTag. |
| -longRangeTag | String |  |  | Hexadecimal representation, in reverse byte order of publicId. |
| -secondaryState | String |  |  | The secondary state of the xBand; e.g., reason why it is inactive. |

#### Example

{

"guestData": {

"guest": {

"links": {

"self": {

"href": "/guest/924a17443fd04ded91057ec05b2f963f/profile"

}

},

"guestIdentifiers": [

{

"type": "gxp-link-id",

"value": "500012"

},

{

"type": "xid",

"value": "924a17443fd04ded91057ec05b2f963f"

}

]

},

"xBands": [

{

"links": {

"self": {

"href": "/xband/54"

}

},

"shortRangePublicId": "92A2242780",

"xBandRequestId": "54",

"externalNumber": "54",

"secureId": "9999991500644774",

"shortRangeTag": "802724A2925E04",

"longRangeTag": "2749D22BE1",

"primaryStatus": "Active",

"secondaryStatus": "Active"

}

],

"entitlements": [ ],

"links": {

"self": {

"href": "/guest-data?guest-id-type=guestid&guest-id-value=176666&start-date-time=null&end-date-time=null"

}

}

}

}

## Provide Guest Online Profile

This API returns the online profile for a guest.

|  |  |
| --- | --- |
| **Path** | /guest/{guestId}/online-profile or /guest/id={guestIdType}={guestIdValue}/online-profile |
| **HTTP Method** | GET |
| **Response Format** | JSON |
| **Requires Authentication** | false |
| **Requires Authorization** | false |

The documentation for this API has been removed. This API is slated for removal in a future release.

## Provide Guest Profile

The provide guest profile API returns the profile for a guest.

|  |  |
| --- | --- |
| **Path** | /guest/{guestId}/profile or /guest/id={guestIdType}={guestIdValue}/profile |
| **HTTP Method** | GET |
| **Response Format** | JSON |
| **Requires Authentication** | false |
| **Requires Authorization** | false |

### Request

#### Path Variables

Please see section 5.7.1.1 Path Variables for details.

#### Request Body

The request body for this service will be empty.

### Response

#### Response Status Codes

Please see section 5.7.2.1 Response Status Codes for details.

#### Response Headers

Please see section 5.7.2.2 Response Headers for details.

#### Response Body

Please see section 5.7.2.3 Response Body for details.

#### Example

Please see section 5.7.2.4 Example for details.

## Provide Guest Party

The provide guest party API returns the party information associated to the guest.

|  |  |
| --- | --- |
| **Path** | /guest/{guestId}/visit/current or /guest/id={guestIdType}={guestIdValue}/visit/current |
| **HTTP Method** | GET |
| **Response Format** | JSON |
| **Requires Authentication** | false |
| **Requires Authorization** | false |

The documentation for this API has been removed. This API is slated for removal in a future release.

## Search Guest by Name

The search guest by name API returns a list, maximum of 50, guests that have a last name, first name, or email address that contains the specified search name.

|  |  |
| --- | --- |
| **Path** | /guest/search/{searchName} |
| **HTTP Method** | GET |
| **Response Format** | JSON |
| **Requires Authentication** | false |
| **Requires Authorization** | false |

### Request

#### Path Variables

|  |  |
| --- | --- |
| **Variable** | **Description** |
| id | The id of the guest details to retrieve. |
| guestIdType | The type of guest identifier to use, i.e. transactional-guest-id. guestId can be used when specifying the IDMS guest ID. |
| guestIdValue | The guest id, of the type specified, to be used to retrieve the guest details. |

#### Request Body

The request body for this service will be empty.

### Response

#### Response Status Codes

|  |  |
| --- | --- |
| **Status Code** | **Description** |
| 200 | The request was processed successfully. |
| 404 Not Found | The configuration data could not be found. |
| 500 Internal Service Error | The server raised an uncaught exception. |

#### Response Headers

|  |  |  |
| --- | --- | --- |
| **Header** | **Description** | **Supported Values** |
| Content-Type | The response content type | application/json;charset=utf-8 |

#### Response Body

JSON

Data Format Details

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Attribute** | **Data Type** | **Data Format** | **Data Length** | **Description** |
| name | Complex | Object |  | Contains the name of the guest. |
| -firstName | String |  |  | First name of the guest. |
| -lastName | String |  |  | Last name of the guest. |
| -middleName | String |  |  | Middle name of the guest, if any. |
| -suffix | String |  |  | Suffix, i.e. II, or III, for the name of the guest, if any. |
| -title | String |  |  | Title, i.e. Mr. or Mrs. For the guest, if any. |
| status | String |  |  | “Active” when guest is active, “Inactive” when guest is not active. |
| guestId | Long |  |  | IDMS id for the guest. |
| partyId | Integer |  |  | ID of the party the guest belongs to. Zero if the guest isn’t associated to a party. |
| dateOfBirth | String |  |  | Date of birth of the guest, to be removed. |
| countryCode | String |  |  | Code of the country. |
| languageCode | String |  |  |  |
| emailAddress | String |  |  | The guest’s email address. |
| parentEmail | String |  |  |  |
| gender | String |  |  | Indicates gender of the guest. “MALE” or “FEMALE”. Scheduled to be deprecated. |
| avatar | String |  |  |  |
| visitCount | Integer |  |  | Number of visits the guest has made. No longer supported, and scheduled to be deprecated. |

#### Example

{

"name": {

"firstName": "CARLOTA",

"lastName": "NICEWANDER",

"middleName": "A"

},

"userName": "CARLOTA.NICEWANDER@mydomain.com",

"status": "Active",

"guestId": 36001322,

"partyId": 0,

"dateOfBirth": "1990-02-01",

"countryCode": "US",

"languageCode": "ENG",

"emailAddress": "CARLOTA.NICEWANDER@mydomain.com",

"parentEmail": "CARLOTA.NICEWANDER@mydomain.com",

"gender": "FEMALE",

"avatar": "CARLOTA",

"visitCount": 0

}

## Search Guest by Email

The search guest by email API returns.

|  |  |
| --- | --- |
| **Path** | /guest/{guestId}/search/{searchName} or /guest/id={guestIdType}={guestIdValue}/{searchName} |
| **HTTP Method** | GET |
| **Response Format** | JSON |
| **Requires Authentication** | false |
| **Requires Authorization** | false |

### Request

#### Path Variables

|  |  |
| --- | --- |
| **Variable** | **Description** |
| id | The id of the guest details to retrieve. |
| guestIdType | The type of guest identifier to use, i.e. transactional-guest-id. guestId can be used when specifying the IDMS guest ID. |
| guestIdValue | The guest id, of the type specified, to be used to retrieve the guest details. |
| searchName | Name to search for. |

#### Request Body

The request body for this service will be empty.

### Response

#### Response Status Codes

|  |  |
| --- | --- |
| **Status Code** | **Description** |
| 200 | The request was processed successfully. |
| 404 Not Found | The configuration data could not be found. |
| 500 Internal Service Error | The server raised an uncaught exception. |

#### Response Headers

|  |  |  |
| --- | --- | --- |
| **Header** | **Description** | **Supported Values** |
| Content-Type | The response content type | application/json;charset=utf-8 |

#### Response Body

JSON

Data Format Details

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Attribute** | **Data Type** | **Data Format** | **Data Length** | **Description** |
| count | Integer |  |  | Number of guests returned from the search. |
| results | Complex | Array |  | List of guest data. |
| -address | String |  |  | Not used. |
| -partyId | Integer |  |  | ID of the party the guest belongs to. Zero if the guest isn’t associated to a party. |
| -emailAddress | String |  |  | Email address of the guest. |
| -groupName | String |  |  | Name of the group. |
| -LeadGuestName | String |  |  | The name of the lead guest in the party. |
| -LeadGuestId | String |  |  | The guest Id of the lead guest in the party. |
| -groupCount | Integer |  |  | Number of guests in the group. |
| searchString | String |  |  | Value entered for the searchName parameter. |

#### Example

{

"count": 1,

"results": [

{

"address": {

"guestId": 0,

"addressId": 0

},

"partyId": 37231,

"emailAddress": "Shreeni@gmail.com",

"groupName": "Shreeni@gmail.com",

"LeadGuestName": "Shreeni Padayachi",

"LeadGuestId": 36181635,

"groupCount": 1

}

],

"searchString": "Padayachi"

}

## Provide Guest Name

The provide guest details API returns the details of a guest when specifying the IDMS id for the guest.

|  |  |
| --- | --- |
| **Path** | /guest/name/{guestId} or /guest/name/id={guestIdType}={guestIdValue} |
| **HTTP Method** | GET |
| **Response Format** | JSON |
| **Requires Authentication** | false |
| **Requires Authorization** | false |

### Request

#### Path Variables

|  |  |
| --- | --- |
| **Variable** | **Description** |
| id | The id of the guest details to retrieve. |
| guestIdType | The type of guest identifier to use, i.e. transactional-guest-id. guestId can be used when specifying the IDMS guest ID. |
| guestIdValue | The guest id, of the type specified, to be used to retrieve the guest details. |

#### Request Body

The request body for this service will be empty.

### Response

#### Response Status Codes

|  |  |
| --- | --- |
| **Status Code** | **Description** |
| 200 | The request was processed successfully. |
| 404 Not Found | The configuration data could not be found. |
| 500 Internal Service Error | The server raised an uncaught exception. |

#### Response Headers

|  |  |  |
| --- | --- | --- |
| **Header** | **Description** | **Supported Values** |
| Content-Type | The response content type | application/json;charset=utf-8 |

#### Response Body

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Attribute** | **Data Type** | **Data Format** | **Data Length** | **Description** |
| firstName | String |  |  | First name of the guest. |
| lastName | String |  |  | Last name of the guest. |

#### Example

{

"firstName": "Elidia",

"lastName": "Kaopua”

}

## Create Guest

The create guest API will create a new guest using the specified data.

|  |  |
| --- | --- |
| **Path** | /guest |
| **HTTP Method** | POST |
| **Response Format** | JSON |
| **Requires Authentication** | false |
| **Requires Authorization** | false |

### Request

#### Path Variables

|  |  |
| --- | --- |
| **Variable** | **Description** |
| id | The id of the guest details to retrieve. |
| guestIdType | The type of guest identifier to use, i.e. transactional-guest-id. guestId can be used when specifying the IDMS guest ID. |
| guestIdValue | The guest id, of the type specified, to be used to retrieve the guest details. |

#### Request Body

JSON

**Data Format Details**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Attribute** | **Data Type** | **Data Format** | **Data Length** | **Description** | **Mandatory** |
| name | Complex | Object |  | Contains the name of the guest. | Y |
| -firstName | String |  |  | First name of the guest. | Y |
| -lastName | String |  |  | Last name of the guest. | Y |
| -middleName | String |  |  | Middle name of the guest, if any. | N |
| -suffix | String |  |  | Suffix, i.e. II, or III, for the name of the guest, if any. | N |
| -title | String |  |  | Title, i.e. Mr. or Mrs. For the guest, if any. | N |
| partyId | String |  |  | Not supported. To be removed. | N |
| guestId | Long |  |  | Not supported. To be removed. | N |
| dateOfBirth | String |  |  | Not supported. To be removed. | N |
| status | String |  |  | Not supported. To be removed. | N |
| countryCode | String | 3 |  | Code of the country. | N |
| swid | GUID |  |  | Starwave id. Not supported see section Create Guest Identifier for more information on adding a guest identifier. | N |
| languageCode | Integer | 3 |  | ID of the party the guest belongs to. Zero if the guest isn’t associated to a party. | N |
| emailAddress | String | 200 |  | The guest’s email address. | N |
| parentEmail | String | 200 |  | Scheculed to be deprecated. | N |
| gender | String |  |  | Indicates gender of the guest. “MALE” or “FEMALE”. Scheduled to be deprecated. | N |
| username | String |  |  |  | N |
| avatar | String |  |  |  | N |
| type | String |  |  | Type of guest. Defaults to “Park Guest” if not specified. | N |
| visitCount | Integer |  |  | Number of visits by guest. To be removed. | N |
| Links | Object |  |  | Not supported. To be removed | N |

#### Example

{

"name":

{

"lastName":"Smith",

"firstName":"Joshua",

"middleName":"Joseph",

"suffix":"III",

"title":"Mr."

},

"countryCode":"US",

"languageCode":"ENG",

"gender":"M",

"emailAddress":"test@tester.com",

"visitCount":"23"

}

### Response

#### Response Status Codes

|  |  |
| --- | --- |
| **Status Code** | **Description** |
| 201 Created | The request was processed successfully. |
| 400 Bad Request | This service was provided invalid input. |
| 404 Not Found | The configuration data could not be found. |
| 500 Internal Service Error | The server raised an uncaught exception. |

#### Response Body

The response body for this service will be empty.

## Update Guest Email

This API will update the email address of a guest.

|  |  |
| --- | --- |
| **Path** | /guest/email |
| **HTTP Method** | PUT |
| **Response Format** | JSON |
| **Requires Authentication** | false |
| **Requires Authorization** | false |

The documentation for this API has been removed. This API is slated for removal in a future release.

## Update Guest Details

This API will update the details of a guest using the specified data.

|  |  |
| --- | --- |
| **Path** | /guest |
| **HTTP Method** | PUT |
| **Response Format** | JSON |
| **Requires Authentication** | false |
| **Requires Authorization** | false |

### Request

See Create Guest Request section for details.

### Response

See Create Guest Response section for details.

# xBand

The following sections document the APIs that provide details about an xBand and related guest data.

## Assign xBand

This API will update the details of a guest using the specified data.

|  |  |
| --- | --- |
| **Path** | /xband/{xbandId}/{guestId} |
| **HTTP Method** | GET |
| **Response Format** | JSON |
| **Requires Authentication** | false |
| **Requires Authorization** | false |

The documentation for this API has been removed. This API has been removed. Use POST method instead.

## Unassign xBand

This API will remove the assignment of an xBand from a guest.

|  |  |
| --- | --- |
| **Path** | /xband/unassign/{xbandId}/{guestId} |
| **HTTP Method** | GET |
| **Response Format** | HTTP Response |
| **Requires Authentication** | false |
| **Requires Authorization** | false |

#### Path Variables

**Data Format Details**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Attribute** | **Data Type** | **Data Format** | **Data Length** | **Description** | **Mandatory** |
| xbandId | Long |  |  | IDMS ID of the xBand. | Y |
| guestId | Long |  |  | IDMS ID of the guest. | Y |

## Update Type

This API will update the type of an xBand.

|  |  |
| --- | --- |
| **Path** | /xband |
| **HTTP Method** | PUT |
| **Response Format** | JSON |
| **Requires Authentication** | false |
| **Requires Authorization** | false |

The documentation for this API has been removed. This API is slated for removal in a future release.

## Assign xBand

This API will assign an xBand to a guest. If the xBand is already assigned, that assignment will be removed.

|  |  |
| --- | --- |
| **Path** | /xband/assign |
| **HTTP Method** | POST |
| **Response Format** | JSON |
| **Requires Authentication** | false |
| **Requires Authorization** | false |

### Request

#### Path Variables

No path variables need to be specified.

#### Request Body

JSON

**Data Format Details**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Attribute** | **Data Type** | **Data Format** | **Data Length** | **Description** | **Mandatory** |
| guestId | Long |  |  | IDMS ID of the guest. | Y |
| xbandId | Long |  |  | IDMS ID of the xBand. | Y |

#### Example

{

"guestId":"35985187",

"xbandId":"36000808"

}

### Response

#### Response Status Codes

|  |  |
| --- | --- |
| **Status Code** | **Description** |
| 200 OK | The request was processed successfully. |
| 400 Bad Request | This service was provided invalid input. |
| 404 Not Found | The configuration data could not be found. |

#### Response Headers

|  |  |  |
| --- | --- | --- |
| **Header** | **Description** | **Supported Values** |
| Content-Type | The response content type | application/json;charset=utf-8 |

#### Response Body

The response body for this service will be empty.

## Create xBand

This API creates the data for an xBand.

|  |  |
| --- | --- |
| **Path** | /xband |
| **HTTP Method** | POST |
| **Response Format** | JSON |
| **Requires Authentication** | false |
| **Requires Authorization** | false |

### Request

#### Path Variables

No path variables need to be specified.

#### Request Body

JSON

**Data Format Details**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Attribute** | **Data Type** | **Data Format** | **Data Length** | **Description** | **Mandatory** |
| bandId | String |  |  | xBMS external number or other unique identifier | Y |
| longRangeTag | String |  |  | xBMS value of shortRangeTag | Y |
| printedName | String |  |  | xBMS value of printed Name | N |
| publicId | String |  |  | xBMS value for publicId | Y |
| secureId | String |  |  | xBMS value for secureId | Y |
| shortRangeTag | String |  |  | xBMS value for shortRangeTag | Y |
| uid | String |  |  | xBMS value for manufacturer’s UID | Y |
| xbmsId | String |  |  | xBMS xbandid | Y |
| bandType | String |  |  | xBMS Band Role, defaults to “Guest” | N |

#### Example

{

"bandId" : "00012373408",

"longRangeTag" : "991500784808",

"printedName" : "PrintedName 991500784808",

"publicId" : "2049607",

"secureId" : "9999991500825859",

"shortRangeTag" : "36066728057268740",

"uid" : "36066728057268740",

"xbmsId" : "24A31734-57F7-441D-99A7-8EE9333486B8",

"bandType" : "Puck"

}

### Response

#### Response Status Codes

|  |  |
| --- | --- |
| **Status Code** | **Description** |
| 200 OK | The request was processed successfully. |
| 400 Bad Request | This service was provided invalid input. |
| 404 Not Found | The configuration data could not be found. |

#### Response Body

The response body for this service will be empty.

## Provide xBand Details - xband

This API will update the details of an xband using the specified id.

|  |  |
| --- | --- |
| **Path** | /xband/{xbandid} /xband/id/{xbandid} /xband/bandid/{bandid} /xband/lrid/{lrid} /xband/tapid/{tapid} /xband/secureid/{secureid} /xband/uid/{uid} /xband/public/{publicid} |
| **HTTP Method** | PUT |
| **Response Format** | JSON |
| **Requires Authentication** | false |
| **Requires Authorization** | false |

### Request

#### Path Variables

|  |  |
| --- | --- |
| **Variable** | **Description** |
| xbandid | The IDMS id xBand. |
| bandid | Alternate unique key in IDMS for the xBand. |
| lrid | Long range id for the xBand. |
| tapid | Short range id for the xBand. |
| secureid | Secure id of the xBand. |
| uid | Manufacturer’s UID for the xBand. |
| publicid | Public id for the xBand. |

#### Request Body

The request body for this service will be empty.

### Response

#### Response Status Codes

|  |  |
| --- | --- |
| **Status Code** | **Description** |
| 200 | The request was processed successfully. |
| 404 Not Found | The configuration data could not be found. |
| 500 Internal Service Error | The server raised an uncaught exception. |

#### Response Headers

|  |  |  |
| --- | --- | --- |
| **Header** | **Description** | **Supported Values** |
| Content-Type | The response content type | application/json;charset=utf-8 |

#### Response Body

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Attribute** | **Data Type** | **Data Format** | **Data Length** | **Description** |
| state | String |  |  | First name of the guest. |
| publicId | String |  |  | Last name of the guest. |

#### Example

{

"state": "Active",

"publicId": "92A2242780",

"productId": "92A2242780",

"xbandId": 54,

"bandType": "Guest",

"bandId": "92A2242780",

"printedName": "Decurtis 084",

"guests": [

{

"name": {

"middleName": "",

"lastName": "Burton",

"firstName": "Lynette"

},

"userName": "null",

"status": "Active",

"guestId": 176666,

"partyId": 7,

"swid": "500012",

"emailAddress": "",

"parentEmail": "",

"gender": "FEMALE",

"avatar": "",

"visitCount": 0

}

],

"xbandRequestId": "92A2242780",

"shortRangeTag": "802724A2925E04",

"longRangeTag": "2749D22BE1",

"secondaryState": "Active"

}

## Provide xBand Details - xbands

This API will update the details of an xband using the specified id.

|  |  |
| --- | --- |
| **Path** | /xbands/{xbandid} /xbands/id/{xbandid} /xbands/tapid/{tapid} /xbands/lrid/{lrid} /xbands/bandid/{bandid} /xbands/secureid/{secureid} |
| **HTTP Method** | PUT |
| **Response Format** | JSON |
| **Requires Authentication** | false |
| **Requires Authorization** | false |

### Request

#### Path Variables

|  |  |
| --- | --- |
| **Variable** | **Description** |
| xbandid | The IDMS id xBand. |
| bandid | Alternate unique key in IDMS for the xBand. |
| lrid | Long range id for the xBand. |
| tapid | Short range id for the xBand. |
| secureid | Secure id of the xBand. |

#### Request Body

The request body for this service will be empty.

### Response

#### Response Status Codes

|  |  |
| --- | --- |
| **Status Code** | **Description** |
| 200 | The request was processed successfully. |
| 404 Not Found | The configuration data could not be found. |
| 500 Internal Service Error | The server raised an uncaught exception. |

#### Response Headers

|  |  |  |
| --- | --- | --- |
| **Header** | **Description** | **Supported Values** |
| Content-Type | The response content type | application/json;charset=utf-8 |

#### Response Body

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Attribute** | **Data Type** | **Data Format** | **Data Length** | **Description** |
| firstName | String |  |  | First name of the guest. |
| lastName | String |  |  | Last name of the guest. |

#### Example

{

"publicId": "92A2242780",

"bandType": "Guest",

"xbandId": "54",

"active": true,

"bandFriendlyName": "Decurtis 084",

"bandId": "92A2242780",

"createdBy": null,

"createdDate": null,

"lrid": "2749D22BE1",

"printedName": "Decurtis 084",

"tapId": "802724A2925E04",

"updatedBy": null,

"updatedDate": null,

"guests": [

{

"state": null,

"guestId": "176666",

"active": true,

"createdBy": "IDMS",

"createdDate": 1334749556000,

"updatedBy": null,

"updatedDate": null,

"xbands": null,

"countryCode": null,

"lastName": "Burton",

"firstName": "Lynette",

"address1": null,

"address2": null,

"birthdate": null,

"city": null,

"zip": null,

"entitlements": null,

"guestInfos": null

}

]

}

# Celebrations

## Provide Celebration Details

|  |  |
| --- | --- |
| **Path** | /celebration/id;celebration-id={celebrationId} |
| **HTTP Method** | GET |
| **Response Format** | JSON |
| **Requires Authentication** | false |
| **Requires Authorization** | false |

#### Path Variables

|  |  |
| --- | --- |
| **Variable** | **Description** |
| celebration-id | Id of the celebration to retrieve data for. |

#### Request Body

The request body for this service will be empty.

### Response

#### Response Status Codes

|  |  |
| --- | --- |
| **Status Code** | **Description** |
| 200 OK | The request was processed successfully. |
| 404 Not Found | The configuration data could not be found. |
| 500 Internal Service Error | The server raised an uncaught exception. |

#### Response Headers

|  |  |  |
| --- | --- | --- |
| **Header** | **Description** | **Supported Values** |
| Content-Type | The response content type | application/json;charset=utf-8 |

#### Response Body

JSON

**Data Format Details**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Attribute** | **Data Type** | **Data Format** | **Data Length** | **Description** |
| links | Complex | Object |  | Reference links for celebration. (Reservation link is a placeholder, as this endpoint is not available in IDMS). |
| name | String |  |  | Name of celebration. |
| milestone | String |  |  | Milestone being celebrated. |
| month | String |  |  | Numeric month of the celebration date. |
| day | String |  |  | Numeric day of the celebration date. |
| year | String |  |  | Year of the celebration date. |
| type | String |  |  | Type of celebration. |
| startDate | String |  |  | Start date of celebration. |
| endDate | String |  |  | End date of celebration. |
| recognitionDate | String |  |  | Date the celebration is being recoginized. |
| guests | Complex | Object |  | List of guests participating in the celebration. |
| -links | Complex | Object |  | Links to get guest details. |
| -role | String |  |  | Role of guest in the celebration. |
| -relationship |  |  |  | Relationship to the guest celebrating. |
| -lastname |  |  |  | Last name of the guest. |
| -firstname |  |  |  | First name of the guest. |

#### Example

{

"links": {

"self": {

"name": "self",

"href": "/celebration/36872"

},

"reservation": {

"name": "reservation",

"href": "/resort-reservation/pid001"

}

},

"name": "Personal Triumph",

"milestone": "Personal Triumph",

"month": "4",

"day": "11",

"year": "2013",

"type": "Personal Triumph",

"startDate": "2013-04-11",

"endDate": "2013-04-15",

"recognitionDate": "2013-04-11",

"guests": [

{

"links": {

"self": {

"name": "self",

"href": "/guest/BC534ADB5DD04CE2BDDD8FE02CEA1DC6/profile"

}

},

"role": "CELEBRANT",

"relationship": "OWNER,PARTICIPANT",

"lastname": "Lalande",

"firstname": "Vivan"

},

{

"links": {

"self": {

"name": "self",

"href": "/guest/B734DB4D031A4F57834ED723027BAE1C/profile"

}

},

"role": "ADDITIONAL\_PARTICIPANT",

"relationship": "PARTICIPANT",

"lastname": "Winckler",

"firstname": "Efren"

},

{

"links": {

"self": {

"name": "self",

"href": "/guest/BCD0CD0947B44DD989F63FD51BAE7ACA/profile"

}

},

"role": "ADDITIONAL\_SURPRISE\_CELEBRANT",

"relationship": "PARTICIPANT",

"lastname": "Amundsen",

"firstname": "Roselia"

}

]

}

## Create Celebration

|  |  |
| --- | --- |
| **Path** | /celebration |
| **HTTP Method** | POS |
| **Response Format** | JSON |
| **Requires Authentication** | false |
| **Requires Authorization** | false |

### Request

#### Path Variables

No path variables need to be specified.

#### Request Body

JSON

**Data Format Details**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Attribute** | **Data Type** | **Data Format** | **Data Length** | **Description** | **Mandatory** |
| xid | String |  |  | XID of the guest | Y |
| name | String |  |  | Name of the celebration. | Y |
| milestone | String |  |  | Milestone being celebrated. | Y |
| type | String |  |  | Type of celebration. | Y |
| role | String |  |  | Role of guest. | Y |
| date | String |  |  | Date of celebration | Y |
| startDate | String |  |  | Starting date of the celebration. | Y |
| endDate | String |  |  | Date celebration ends. | Y |
| recognitionDate | String |  |  | Date of celebration recognition. | Y |
| surpriseIndicator | String |  |  | Indicates whether or not the celebration is a surprise. | Y |
| comment | String |  |  |  | Y |

Valid Values for type:

* Birthday
* Anniversary
* Engagement
* Graduation
* Honeymoon
* Personal Triumph
* Reunion
* Wedding
* Other
* First Visit

Valid Values for role:

* CELEBRANT
* PARTICIPANT
* SURPRISE\_CELEBRANT
* ADDITIONAL\_CELEBRANT
* ADDITIONAL\_PARTICIPANT
* ADDITIONAL\_SURPRISE\_CELEBRANT

#### Example

{

"xid":"B381EA40-0D2B-402F-88B9-43526B9AA0E5",

"name":"CelebrationName",

"milestone":"49th Birthday",

"type":"Birthday",

"role":"PARTICIPANT",

"date":"2012-10-04",

"startDate":"2012-11-03T19:20:30Z",

"endDate":"2012-11-08T19:20:30Z",

"recognitionDate":"2012-11-04T19:20:30Z",

"comment":""

}

### Response

#### Response Status Codes

|  |  |
| --- | --- |
| **Status Code** | **Description** |
| 200 OK | The request was processed successfully. |
| 400 Bad Request | This service was provided invalid input. |
| 404 Not Found | The configuration data could not be found. |

#### Response Headers

|  |  |  |
| --- | --- | --- |
| **Header** | **Description** | **Supported Values** |
| Content-Type | The response content type | application/json;charset=utf-8 |

#### Response Body

The response body for this service will be empty.

## Update Celebration

This service updates the details of a celebration.

|  |  |
| --- | --- |
| **Path** | /celebration |
| **HTTP Method** | PUT |
| **Response Format** | JSON |
| **Requires Authentication** | false |
| **Requires Authorization** | false |

### Request

#### Path Variables

No path variables need to be specified.

#### Request Body

In addition to the required fields in Create Celebration Request Body, the celebration id is also required.

### Response

See the Create Celebration Response for details.

## Add Celebration Guest

This service adds the specified guest to a celebration.

|  |  |
| --- | --- |
| **Path** | /celebration/guest |
| **HTTP Method** | POST |
| **Response Format** | JSON |
| **Requires Authentication** | false |
| **Requires Authorization** | false |

#### Path Variables

No path variables need to be specified.

#### Request Body

JSON

**Data Format Details**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Attribute** | **Data Type** | **Data Format** | **Data Length** | **Description** | **Mandatory** |
| xid | String |  |  | XID of the guest | Y |
| celebrationId | int |  |  | ID of the celebration | Y |
| role | String |  |  | Role of guest. | Y |

### Response

#### Response Status Codes

|  |  |
| --- | --- |
| **Status Code** | **Description** |
| 200 OK | The request was processed successfully. |
| 400 Bad Request | This service was provided invalid input. |
| 404 Not Found | The configuration data could not be found. |

#### Response Headers

|  |  |  |
| --- | --- | --- |
| **Header** | **Description** | **Supported Values** |
| Content-Type | The response content type | application/json;charset=utf-8 |

#### Response Body

The response body for this service will be empty.

## Update Celebration Guest

This service updates the specified guest’s information for a celebration.

|  |  |
| --- | --- |
| **Path** | /celebration/guest |
| **HTTP Method** | PUT |
| **Response Format** | JSON |
| **Requires Authentication** | false |
| **Requires Authorization** | false |

#### Path Variables

No path variables need to be specified.

#### Request Body

JSON

**Data Format Details**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Attribute** | **Data Type** | **Data Format** | **Data Length** | **Description** | **Mandatory** |
| xid | String |  |  | XID of the guest | Y |
| celebrationId | int |  |  | ID of the celebration | Y |
| role | String |  |  | Role of guest. | Y |

### Response

#### Response Status Codes

|  |  |
| --- | --- |
| **Status Code** | **Description** |
| 200 OK | The request was processed successfully. |
| 400 Bad Request | This service was provided invalid input. |
| 404 Not Found | The configuration data could not be found. |

#### Response Headers

|  |  |  |
| --- | --- | --- |
| **Header** | **Description** | **Supported Values** |
| Content-Type | The response content type | application/json;charset=utf-8 |

#### Response Body

The response body for this service will be empty.

## Remove Celebration Guest

This service deletes a guest from a celebration.

|  |  |
| --- | --- |
| **Path** | /celebration/guest |
| **HTTP Method** | DELETE |
| **Response Format** | JSON |
| **Requires Authentication** | false |
| **Requires Authorization** | false |

#### Path Variables

No path variables need to be specified.

#### Request Body

JSON

**Data Format Details**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Attribute** | **Data Type** | **Data Format** | **Data Length** | **Description** | **Mandatory** |
| xid | String |  |  | XID of the guest | Y |
| celebrationId | int |  |  | ID of the celebration | Y |

### Response

#### Response Status Codes

|  |  |
| --- | --- |
| **Status Code** | **Description** |
| 200 OK | The request was processed successfully. |
| 400 Bad Request | This service was provided invalid input. |
| 404 Not Found | The configuration data could not be found. |

#### Response Headers

|  |  |  |
| --- | --- | --- |
| **Header** | **Description** | **Supported Values** |
| Content-Type | The response content type | application/json;charset=utf-8 |

#### Response Body

The response body for this service will be empty.

# Guest Acquisition

The guest acquisition API returns data about how the guest data in IDMS was acquired, i.e. the source system guest Id and xBMS request ID. The data stored can be used to track whether or not the data in IDMS matches data from xBMS/xEDC.

## Provide Guest Acquisition Details

This API will provide the detailed information about how a quest was acquired. Either the xBand request id, guest id type/guest id, or acquisition id type/acquisition id can be used to find information about guest acquisition. The guest id type/guest id key value pair will return a list with a single item. The other two options will return one or more items in the list.

|  |  |
| --- | --- |
| **Path** | /v2/guest-acquisition |
| **HTTP Method** | GET |
| **Response Format** | JSON |
| **Requires Authentication** | false |
| **Requires Authorization** | false |

### Request

#### Path Variables

|  |  |
| --- | --- |
| **Variable** | **Description** |
| xbandRequestId | The id of the request to be retrieved. |
| guestIdType | The type of id used to create the guest. |
| guestIdValue | The guest Id. |
| acquisitionIdType | The type of id used to acquire the guest. |
| acquisitionId | The acquisition Id. |

guestIdType and guestIdValue must be specified together  
acquisitionIdType and acqusitionId must be specified together  
xbandRequestId must be specified individually.

#### Request Body

The request body for this service will be empty.

### Response

#### Response Status Codes

|  |  |
| --- | --- |
| **Status Code** | **Description** |
| 200 | The request was processed successfully. |
| 404 Not Found | The guest acquisition data was not found. |
| 500 Internal Service Error | The server raised an uncaught exception. |

#### Response Headers

|  |  |  |
| --- | --- | --- |
| **Header** | **Description** | **Supported Values** |
| Content-Type | The response content type | application/json;charset=utf-8 |

#### Response Body

JSON

Data Format Details (a list of objects)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Attribute** | **Data Type** | **Data Format** | **Data Length** | **Description** |
| guestId | String |  |  | The guestId of the guest. |
| guestIdType | String |  |  | The type of the identifier in the "guestId" field |
| firstName | String |  |  | The first name of the guest. |
| lastName | String |  |  | The last name of the guest. |
| xbandRequestId | String | GUID | 36 | The id of the xBand request. |
| acquisitionId | String |  |  | The identifier that the acquisition system uses to identify the entitlement. |
| acquisitionIdType |  |  |  | The type of the acquisition system of the entitlement. |
| acquisitionStartDate | String | Date |  | The start date of the entitlement. This date is used to determine when xBMS will schedule fulfillment. |
| acqusitionUpdateDate | String | Date |  | The latest update date of the entitlement. This date is used to order incoming entitlement events in case events are received out of order. |
| primaryGuest | Boolean |  |  | Indicates that this guest is the primary guest of the party. Exactly one guest is the primary guest. |

#### Example

[

{

"guestId": "8736806607",

"firstName": "HILDEGARDE",

"lastName": "IACOVELLI",

"xbandRequestId": "E642D4A7-298B-416B-9A3A-0000195FBFB3",

"acquisitionId": "15528641",

"acquisitionIdType": "travel-plan-id",

"acquisitionStartDate": "2012-08-24 15:43:28.0",

"acquisitionUpdateDate": "2012-08-30 15:43:28.0",

"primaryGuest": false,

"guestIdType": "transactional-guest-id"

}

]