



**TALEO BUSINESS EDITION**

**WEB SERVICES API REFERENCE GUIDE**

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## WELCOME

### Information Confidentiality

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### Audience and Background

This guide is intended for developers who plan to utilize the Taleo Business Edition platform API for integration with third-party products and services.

The Taleo Business Edition SOAP API provides programmatic access to the Taleo Business Edition application. The API provides the same functions and capabilities as a logged in user of the system would have access to. Developers are able to build custom applications and services in their platform of choice that supports the open standard “Web Services” methodology via the utilization of:



- Simple Object Access Protocol (SOAP) calls
- Taleo defined Web Services Definition Language (WSDL), and
- XML Schema Definition language (XSD)

## Required Knowledge and Skills

Use of this guide assumes you are already familiar with the following:

- Taleo Business Edition (click Knowledgebase & Help sections from your instance)
- HTML (details at <http://www.w3schools.com/html/default.asp>)
- XML and XHTML (details at <http://www.w3schools.com/xml/default.asp>)
- Web Services (details at <http://www.w3schools.com/webservices/default.asp>)
- SOAP (details at: <http://www.w3schools.com/soap/default.asp>)

A SOAP client can be written in a wide range of development tools and platforms, such as Java, Visual Basic, Perl, C#, PHP, .NET, etc. As such, Taleo does not provide platform code support or sample code to developers. The API is inherent to the application, not a supported module, and Taleo assumes that developers are experts in their platform of choice with utilizing web services. Simple SOAP-based sample test cases have been provided within the API Guide to provide assistance and direction in making Taleo Business Edition API calls.

## Support

Contact Taleo Business Edition Support for any technical issues as they pertain to the API. Taleo Business Edition Support is available via:

- Email: [tbe.support@taleo.com](mailto:tbe.support@taleo.com)
- Online: Click 'Web Support' in the top right hand side from within Taleo Business Edition
- Telephone: Dial 1-888-560-1717 (8:00 a.m. to 8:00 p.m. ET Monday-Friday, excluding official Taleo holidays)



## INTRODUCTION

The Taleo Business Edition Web API provides for simple integration between Taleo and other systems by means of SOAP-based web services procedure calls. The API uses SOAP over HTTPS to receive requests and send responses, allowing seamless integration between Taleo and other enterprise applications regardless of the programming language used by the client.

## Security and User Authentication

Only Taleo Premium Service customers can access the Taleo Web API. If you are a trial customer, or current Taleo subscriber interested in evaluating the Web API, please contact your sales representative to request Premium Service for access.

Taleo Business Edition API exposes all SOAP methods using SSL, however an SSL certificate is not required by the client application.

Client applications must make a login call to the Taleo Web API providing valid credentials of an existing defined user within the Taleo Business Edition user interface. Either a new user will need to be created within the application, or an existing user can be utilized. Client applications that access the Taleo Business Edition API are subjected to the same Access Control restrictions as defined within the application; please validate what controls you will need the API to use and define a user with the appropriate controls accordingly.

Credentials needed to log in to the API include (in login call order):

- Company Code
- User Name
- Password

If login is successful, the call will return a session ID to be used in all subsequent calls to the API as the very first parameter.

## Obtaining the Taleo Business Edition WSDLs

As with all standards based SOAP API's, the Taleo Business Edition API definition is available on the Web Service as an XML formatted WSDL file. Two WSDL's are required for integrating with Taleo Business Edition:

- **DispatcherAPI:** <http://tbe.taleo.net/wSDL/DispatcherAPI.wsdl>
- **WebAPI:** <http://tbe.taleo.net/wSDL/WebAPI.wsdl>





The DispatcherAPI WSDL provides one simple function: request the organization code and receive a response URL of where the account/zone is located in the pool of Taleo Business Edition servers. The reason for the Dispatcher is that accounts/zones may be moved to a new server pool for optimal load balancing. The Dispatcher ensures that the client application will always find the organization zone URL.

The WebAPI WSDL defines all of the Taleo Business Edition calls. For more information on WSDL(s), see: <http://www.w3.org/TR/wsdl>.

## Importing the WSDLs to Your Development Platform

After you obtain the two Taleo Business Edition WSDLs, import them into your development environment for building your Web service applications. The import process depends on the development environment, programmatic language and tools. For example, the Microsoft Visual Studio development environment handles the tasks automatically.

A good start would be to practice WSDL import and web service call initiations with a generic web service tool prior to actual coding. Using a tool like SOAPUI (<http://soapui.org>), which comes in a freeware and premium licensed version, allows users to create web service projects, practice requests and test cases. It is highly recommended to go down this path first.

NOTE: Taleo assumes you are familiar with basic programming concepts and already have a programming development environment set up on your computer.

## Getting Started

A typical scenario of using the Taleo Web API is:

- Customer builds a SOAP client to interact with Taleo Web API.
- The very first call is made to the Dispatcher API to present valid company code and obtain entry URL to be used in all subsequent calls. This call is always made to URL <https://tbe.taleo.net/MANAGER/dispatcher/servlet/rpcrouter>.
- SOAP client makes login call to the received company code URL and present valid credentials of an existing user.
- Customer's SOAP client sends various requests to the Taleo Web API This may include, for example, searching through the candidates or requisitions database, requesting detailed information on a particular candidate or requisition, creation of a new candidate record, etc.
- At the end of the session, customer's SOAP client logs out of Taleo.

Refer to the 'Login API Calls' section for details on logging in and logging out of Taleo Business Edition.

## Error Tracing

Most issues can be resolved in minutes if the XML error can be provided. Web API errors may occur during the communication process, which will not provide the error log within Taleo Business Edition for Taleo's support team to analyze. In addition, a programmer is shielded from the XML trace. As such, it is essential to trace the communication between the client and Taleo Business Edition API, through third-party tools like tcpmon (<https://tcpmon.dev.java.net/>). tcpmon is an open-source utility for monitoring the data flowing on a TCP connection. tcpmon is used by placing it in-between a client and a server. The client is made to connect to tcpmon, and tcpmon forwards the data to server along-with displaying it in its GUI.

**Note:** It is up to the client programmer to be sure that any value assigned to a string field of a bean is compliant with the W3C XML spec. Please ensure control or bad characters (i.e. #xC) are shielded from field elements.

## API SIMPLE DATA OBJECTS (BEANS)

### API Bean Overview

The Taleo Web API uses the following simple data objects to send and receive information:

- accountBean
- attachmentBean
- backgroundCheckBean
- calendarEventBean
- candidateBean
- contactBean
- contactLogBean
- departmentBean
- employeeBean
- flexFieldBean
- historyBean
- interviewBean
- locationBean
- offerBean
- participantBean
- referenceBean
- regionBean
- requisitionBean
- searchResultBean
- taskBean
- userBean

## Important Notes on Data Transfer:

- Binary candidate resumes and offer letters are sent and received as array of bytes wrapped into ByteArray(64).
- Values from pick lists, such as candidate Source or State/Region are transferred as strings, although on the server side they are stored as ID numbers. This is done because server side ID numbers are meaningless for external clients. These string values can be ERP codes assigned to lookup values or display labels. This also assumes that all values from pick lists have unique display labels.
- To identify user Web API uses login name. For instance, to assign requisition's approvers, Web API takes a list of login names.
- There are several fields which cannot be modified by the client, for example: an object's unique id #, creation date, and last modified date. These fields are marked "read-only" in the tables below.
- When an object is created or modified, the same policy is applied as if the object is created/modified by a user using Taleo through the standard browser interface. For instance, an attached file must meet security requirements, all mandatory fields specified for a given candidate must be present, etc. If required conditions are not met in any given transaction sent by the client, the operation will fail and a SOAP failure response will be generated.
- Arrays of returned objects are wrapped in special beans such as SearchResultsArr and HistoryBeanArr.

## Required Fields

Fields marked as "required" in Administration section (both standard and custom) are also required in Web API. Fields which are always required are marked in the sections below. If the Web API client is trying to create an object without supplying all required fields, an exception will be thrown.

## XML Field Data Types

Taleo Business Edition SOAP API data types are based on the XML data types shown below.

- Boolean - A logical value, including true, false, 0, and 1.
- dateTime Date/time values (timestamps).
- double - Numeric value
- int - Numeric value
- string - Any character data
- long - Server side value

## Field Character Limits

The following character limits are set for non-stringent (string) data fields:

- URL – 300 characters
- Email – 100 characters
- Text – 100 characters
- Text Area – 80000 characters

Depending on the field type chosen within the application, any additional characters will be automatically truncated when posted via the API.

## Date and Time Field Description

All timestamp formats are system derived in ISO/UTC standard format with combined date and time depiction referenced to the equivalent nautical time zone (GMT).

Formatting of dateTime stamps are similar to the following example where date is provided first in [YYYY]-[MM]-[DD] and followed by (T) time [hh]:[mm]:[ss] and UTC GMT (Z) code:

**2009-02-09T23:03:51.430Z**

**Please Note:** All <creationDate> and <lastUpdated> dateTime variables are system derived – these elements cannot be written too in any create, update and upsert calls, they will need to be removed from your SOAP request.

## API CALLS AND SAMPLE XML

### Account API Calls

Accounts are the companies and organizations involved with your business such as employers, customers, search firms, agencies, etc.

#### ***accountBean Definition:***

Data Field Name	Data Field Type	Required	Acceptable Values
id	Long	Read Only	Account's unique server side ID. Can be obtained by searching the accounts' database or by creating a new account.
status	String	No	Account's Status from pick list
name	String	Yes	Account's name
parentAccountId	long	No	ID of parent account
type	String	No	Account's type (from pick list)
industry	String	No	Industry (from pick list)
phone	String	No	Phone number
fax	String	No	Fax number
website	String	No	Web site URL
address	String	No	Street portion of mailing address
city	String	No	City name
zipCode	String	No	ZIP or postal code
state	String	No	State, region or province name from pick list
country	String	No	Country code from pick list
description	String	No	Account's description
creationDate	Date	Read Only	Creation date
lastUpdated	Date	Read Only	Last updated date
flexValues	FlexFieldBean[]	No	Array of flexible (custom) field values

flexFieldBean Definition:

Data Field Name	Data Field Type	Required	Acceptable Values
FieldName	String	Yes	Field name
StringValue	String	No	Value of Text, Email, URL, Pick list, or Text Area field. For Multiple Pick list use ' ' to separate values.
IntValue	int	No	Value of Integer field
DoubleValue	double	No	Value of Decimal or Currency field
BooleanValue	Boolean	No	Value of Check Box field
DateValue	Date	No	Value of Date field

### ***createAccount Element:***

Operation type: Request-response.

- The endpoint receives a message to create an account, and sends a correlated message of account ID.

Input: createAccountRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	accountBean	*	flexValues [] status address city country description fax industry name * parent phone state type website zipCode

Output: createAccountResponse

Data Field Name	Data Field Type	Required	Acceptable Values
createAccountReturn	Long	Yes	Provided Account ID

# createAccount Test Case:

Input: createAccountRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:createAccount>
      <in0>webapi-8483625119411683650</in0>
      <in1>
        <flexValues>
          <!--Zero or more repetitions :-->
          <item>
            <fieldName>inSalesForce</fieldName>
            <valueBool>false</valueBool>
          </item>
        </flexValues>
        <address>99 Seymour</address>
        <city>San Paolo</city>
        <country>Brazil</country>
        <description>TESTING</description>
        <fax>894-439-0404</fax>
        <industry>Aerospace</industry>
        <name>Brazil Aero</name>
        <phone>894-439-0404</phone>
        <type>Partner</type>
        <webSite>www.brazil.com</webSite>
      </in1>
    </urn:createAccount>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: createAccountResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <createAccountResponse xmlns="urn:TBEWebAPI">
      <createAccountReturn xmlns="">1</createAccountReturn>
    </createAccountResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

## ***deleteAccount Element:***

Operation type: Request-response.

- The endpoint receives a message to delete an account, and sends a correlated message only if error occurred.

Input: deleteAccountRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Account ID	Yes	ID of Account

Output: deleteAccountResponse

Data Field Name	Data Field Type	Required	Acceptable Values
deleteAccountReturn			

### deleteAccount Test Case:

Input: deleteAccountRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:deleteAccount>
      <in0>webapi-8483625119411683650</in0>
      <in1>1</in1>
    </urn:deleteAccount>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: deleteAccountResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <deleteAccountResponse xmlns="urn:TBEWebAPI"/>
  </soapenv:Body>
</soapenv:Envelope>
```



## ***getAccountByld Element:***

Operation type: Request-response.

- The endpoint receives a message to get an account details, and sends a correlated message of Account information.

Input: getAccountByldRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Account ID	Yes	ID of Account

Output: getAccountByldResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getAccountByldReturn	accountBean		

### getAccountByld Test Case:

Input: getAccountByldRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getAccountByld>
      <in0>webapi-8483625119411683650</in0>
      <in1>2</in1>
    </urn:getAccountByld>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: getAccountByldResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getAccountByldResponse xmlns="urn:TBEWebAPI">
      <getAccountByldReturn xmlns="">
        <creationDate>2009-08-20T20:47:36.123Z</creationDate>
        <flexValues/>
        <id>2</id>
        <lastUpdated>2009-08-20T20:47:36.123Z</lastUpdated>
        <status>Created</status>
        <address>99 Seymour</address>
        <city>San Paolo</city>
```

```

<country>Brazil</country>
<description>TESTING</description>
<fax>894-439-0404</fax>
<industry>Aerospace</industry>
<name>Brazil Aero</name>
<parentAccountId>0</parentAccountId>
<phone>894-439-0404</phone>
<state xsi:nil="true"/>
<type>Partner</type>
<webSite>www.brazil.com</webSite>
<zipCode xsi:nil="true"/>
</getAccountByIdReturn>
</getAccountByIdResponse>
</soapenv:Body>
</soapenv:Envelope>

```

### ***getAccountHistory Element:***

Operation type: Request-response.

- The endpoint receives a message to get an account history, and sends a correlated message of Account history information.
- This object is used to fetch a history log entry which reflects a past event or action related to accounts. History records can only be created by the server, they cannot be modified or deleted. History log includes server side ID, test describing history record, complete text of email message (for email events) and creation date.

Input: getAccountHistoryRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Long	Yes	ID of Account

Output: getAccountHistoryResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getAccountHistoryReturn	historyBean []		

### getAccountHistory Test Case:

Input: getAccountHistoryRequest

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getAccountHistory>
      <in0>webapi-8483625119411683650</in0>

```

```

    <in1>2</in1>
  </urn:getAccountHistory>
</soapenv:Body>
</soapenv:Envelope>

```

Output: getAccountHistoryResponse

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getAccountHistoryResponse xmlns="urn:TBEWebAPI">
      <getAccountHistoryReturn xmlns="">
        <array>
          <item>
            <creationDate>2009-08-20T20:47:36.123Z</creationDate>
            <emailText xsi:nil="true"/>
            <id>502</id>
            <text>Account created</text>
            <userName>skarim</userName>
          </item>
        </array>
      </getAccountHistoryReturn>
    </getAccountHistoryResponse>
  </soapenv:Body>
</soapenv:Envelope>

```

## ***searchAccount Element:***

Operation type: Request-response.

- The endpoint receives a message to query all accounts based on defined key (field name) and value (data looking for), and sends a correlated message of Account ID and associated search relevance.
- Relevance is a value between 0 and 100, which reflects how well the account matches the search criteria
- Map of search parameters always contains:
  - key: name of field to search as a string
  - value: search parameter as string.
- Format of search value may differ depending on data type of the search field:
- For text, text area, email, URL fields: simple text to be found (case-insensitive) in this field. Example:
  - key="city", value="Francisco" will search for all candidates with "Francisco" in "city" field.
- For integer, double, currency: interval between two numbers separated by '|' character. Either left (from) or right (to) side can be omitted. Example:
  - key="rank", value="100|" will search for all candidates with rank value no less than 100.

- key="rank", value="|200" will search for all candidates with rank value no more than 200.
- key="rank", value="100|200" will search for all candidates with rank value between 100 and 200 (inclusive).
- For date fields: interval between two dates in ISO yyyy-MM-dd format, separated by '|' character. Either left (from) or right (to) side can be omitted. Example:
  - key="startDate", value="2004-06-01|" will search for all candidates with start date on or after June 1st 2004.
  - key="startDate", value="|2004-08-01" will search for all candidates with start date on or before August 1st 2004.
  - key="startDate", value="2004-06-01|2004-08-01" will search for all candidates with start date between June 1st 2004 and August 1st 2004 (inclusive).
- For date interval fields: number of days from today to the past. Example:
  - key="addedWithin", value="7" will search for all candidates added to the system within the last week.
- For single pick list: code value or name of selected item. Example:
  - key="country", value="US" will search for all candidates with country field equals to "United States".
  - key="status", value="available" will search for all candidates in "Available" status.
- For multiple pick list: code values or names of selected items, separated by '|' character. Example:
  - key="customMultiple", value="A1|B2|X5" will search for all candidates with customMultiple field containing one or more of values: A1, B2, X5.
- For check box fields: "true" if check box must be checked, "false" is unchecked. Example:
  - key="flagged", value="true" will search for all candidates "flagged" for the user currently logged in.
- Search keys names and types can be found in Administration>Customize>Account Fields. They may include both system fields (listed below for convenience) and custom fields. For custom fields External name is used as key name.

#### System Search Keys:

Data Field Name	Parameter Type	Description
keyword	String	Keyword(s) in account's description. Identical syntax as used in Taleo browser interface.
name	String	Account's name
parentAccountId	String	ID of parent account
type	String	Account's type
industry	String	Industry
phoneAll	String	Any account's phone number
city	Pick list	City name
state	String	State, region or province name from pick list
country	String	Country code from pick list
addedWithin	Integer	Added within N days
updatedWithin	Integer	Updated within N days

Input: searchAccountRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Item...	Yes	key value

Output: searchAccountResponse

Data Field Name	Data Field Type	Required	Acceptable Values
searchAccountReturn	searchResultBean []		

#### searchAccount Test Case:

Input: searchAccountRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:searchAccount>
      <in0>webapi-8483625119411683650</in0>
      <in1>
        <!--Zero or more repetitions-->
        <item>
          <key>type</key>
          <value>partner</value>
        </item>
      </in1>
    </urn:searchAccount>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: searchAccountResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <searchAccountResponse xmlns="urn:TBEWebAPI">
      <searchAccountReturn xmlns="">
        <array>
          <item>
            <id>2</id>
            <relevance>1.0</relevance>
          </item>
        </array>
      </searchAccountReturn>
    </searchAccountResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

```

</array>
</searchAccountReturn>
</searchAccountResponse>
</soapenv:Body>
</soapenv:Envelope>

```

## ***updateAccount Element:***

Operation type: Request-response.

- The endpoint receives a message to update an existing account, and sends a correlated message only if error occurred.
- Please Note: Update requests replace all data fields in the accountBean (i.e. data is not appended or upserted). Send all elements back or the field values will be returned NULL.

Input:updateAccountRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	accountBean[]	*	flexValues id * status address city country description fax industry name * parent phone state type website zipCode

Output: updateAccountResponse

Data Field Name	Data Field Type	Required	Acceptable Values
updateAccountReturn			

# updateAccount Test Case:

Input: updateAccountRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:updateAccount>
      <in0>webapi-5507217897911844945</in0>
      <in1>
        <flexValues>
          <!--Zero or more repetitions :-->
          <item>
            <fieldName>inSalesForce</fieldName>
            <valueBool>true</valueBool>
          </item>
        </flexValues>
        <id>2</id>
        <address>4000 Railroad Road</address>
        <city>San Paolo</city>
        <country>Brazil</country>
        <description>TESTING</description>
        <fax>894-439-0404</fax>
        <industry>Aerospace</industry>
        <name>Brazil Aero</name>
        <phone>894-439-0404</phone>
        <type>Partner</type>
        <webSite>www.brazil.com</webSite>
      </in1>
    </urn:updateAccount>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: updateAccountResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <updateAccountResponse xmlns="urn:TBEWebAPI"/>
  </soapenv:Body>
</soapenv:Envelope>
```

## Attachment API Calls

Attachments are all of the appended files associated with any entity in Taleo Business Edition. There is a one-to-many relationship with attachments to entities. Entities include accounts (ACCT), candidates (CAND), contacts (CTCT), employees (EMPL), requisitions (REQU) and users (WORK).

attachmentBean Definition:

Data Field Name	Data Field Type	Required	Acceptable Values
id	Long	Read Only	Attachment's unique server side ID.
entityType	String		Type of related entity: ACCT = accounts CAND = candidates CTCT = contacts EMPL = employees REQU = requisitions WORK = users
entityId	Long		ID of associated entity
description	String		Description of the file
filename	String		Binary File Name
contentType	String		Text = text/plain html = text/html RTF = text/richtext Word = application/msword DocX = application/vnd.openxmlformats-officedocument.wordprocessingml.document PDF = application/pdf
data	ByteArr		base64Binary []
creationDate	Date	Read Only	Date attachment was created

### ***createAttachment Element:***

Operation type: Request-response.

- The endpoint receives a message to create an attachment for a specific candidate, and sends a correlated message of attachment ID.

Input: createAttachmentRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Long	Yes	Candidate ID
in2	String	Yes	Attachment



			Description
in3	String	Yes	Attachment Name
in4	String	Yes	contentType
in5	ByteArr	Yes	binaryResume

Output: createAttachmentResponse

Data Field Name	Data Field Type	Required	Acceptable Values
createAttachmentReturn	Long	Yes	Provided Attachment ID

#### createAttachment Test Case:

Input: createAttachmentRequest

```

soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:createAttachment>
      <in0>webapi-5616904436472928038</in0>
      <in1>15</in1>
      <in2>test1.docx</in2>
      <in3>test1.docx</in3>
      <in4>application/vnd.openxmlformats-officedocument.wordprocessingml.document</in4>
      <in5>
        <!--type: base64Binary-->
        <array>JVBERi0xLjQNJeLjz9MNCjYgMCEvYmogPDwvTGluZWYxX==</array>
      </in5>
    </urn:createAttachment>
  </soapenv:Body>
</soapenv:Envelope>

```

Output: createAttachmentResponse

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <createAttachmentResponse xmlns="urn:TBEWebAPI">
      <createAttachmentReturn xmlns="">154</createAttachmentReturn>
    </createAttachmentResponse>
  </soapenv:Body>
</soapenv:Envelope>

```

## ***createEntityAttachment Element:***

Operation type: Request-response.

- The endpoint receives a message to create an attachment for a specific ID associated with a specific entity (i.e. Candidate, Employee, Account, etc.), and sends a correlated message of attachment ID.

Input: createEntityAttachmentRequest

Data Field Name	Data Field Type	Required	Acceptable Values
sessionId	Long	Read Only	Attachment's unique server side ID.
entityType	String		Type of related entity: ACCT = accounts CAND = candidates EMPL = employees REQU = requisitions WORK = users
entityId	Long		ID of associated entity
description	String		Description of the file
filename	String		Binary File Name
contentType	String		Text = text/plain html = text/html RTF = text/richtext Word = application/msword DocX = application/vnd.openxmlformats-officedocument.wordprocessingml.document PDF = application/pdf
data	ByteArr		base64Binary []

Output: createEntityAttachmentResponse

Data Field Name	Data Field Type	Required	Acceptable Values
createEntityAttachmentReturn	Long	Yes	Provided Attachment ID

### createEntityAttachment Test Case:

Input: createEntityAttachmentRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:createEntityAttachment>
      <sessionId>webapi8668622358131845860</sessionId>
      <entityType>REQU</entityType>
      <entityId>69</entityId>
      <description>pdfAttachment</description>
      <fileName>new.pdf</fileName>
      <contentType>application/pdf</contentType>
      <data>
        <!--type: base64Binary-->
        <array>JVBERi0xLjQNJeLj9MNCjYgMCBvYmogPDwvTGluZWYyaXplZCAxL0wgMTg3NT==
      </array>
      </data>
    </urn:createEntityAttachment>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: createEntityAttachmentResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <createEntityAttachmentResponse xmlns="urn:TBEWebAPI">
      <createEntityAttachmentReturn xmlns="">157</createEntityAttachmentReturn>
    </createEntityAttachmentResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

## ***deleteAttachment Element:***

Operation type: Request-response.

- The endpoint receives a message to delete an attachment, and sends a correlated message only if error occurred.

Input: deleteAttachmentRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Long	Yes	ID of attachment

Output: deleteAttachmentResponse

Data Field Name	Data Field Type	Required	Acceptable Values
deleteAttachmentReturn			

deleteAttachment Test Case:

Input: deleteAttachmentRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:deleteAttachment>
      <in0>webapi9172860277027829324</in0>
      <in1>8</in1>
    </urn:deleteAttachment>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: deleteAttachmentResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <deleteAttachmentResponse xmlns="urn:TBEWebAPI"/>
  </soapenv:Body>
</soapenv:Envelope>
```

## ***getAttachment Element:***

Operation type: Request-response.

- The endpoint receives a message to get an attachment by attachment ID, and sends a correlated message of attachment name, type, creation date and ID.

Input: getAttachmentRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Long	Yes	ID of attachment

Output: getAttachmentResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getAttachmentReturn	attachmentBean []		

getAttachment Test Case:

Input: getAttachmentRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getAttachment>
      <in0>webapi1673199911353581754</in0>
      <in1>3</in1>
    </urn:getAttachment>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: getAttachmentResponse

```
<soapenv:Body>
  <getAttachmentResponse xmlns="urn:TBEWebAPI">
    <getAttachmentReturn xmlns="">
      <contentType>application/vnd.openxmlformats-officedocument.wordprocessingml.document</contentType>
      <creationDate>2009-09-04T18:33:50.830Z</creationDate>
      <description>file_7896653827536535960.docx</description>
      <id>3</id>
    </getAttachmentReturn>
  </getAttachmentResponse>
</soapenv:Body>
</soapenv:Envelope>
```

### ***getAttachmentData Element:***

Operation type: Request-response.

- The endpoint receives a message to get attachment data by ID, and sends the correlated binary attachment data.

Input: getAttachmentDataRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Long	Yes	ID of attachment

Output: getAttachmentDataResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getAttachmentDataReturn	base64Binary []		

getAttachmentData Test Case:

Input: getAttachmentDataRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getAttachmentData>
      <in0>webapi1673199911353581754</in0>
      <in1>3</in1>
    </urn:getAttachmentData>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: getAttachmentDataResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getAttachmentDataResponse xmlns="urn:TBEWebAPI">
      <getAttachmentDataReturn xmlns="">
        <array>UEsDBBQABgAIAAAAIQAwySgMcgEAAKUFAAATAAgC ==</array>
      </getAttachmentDataReturn>
    </getAttachmentDataResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

## ***getAttachments Element:***

Operation type: Request-response.

- The endpoint receives a message to get attachment(s), and sends back attachment IDs.

Input: getAttachmentsRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Long	Yes	ID of candidate

Output: getAttachmentsResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getAttachmentReturn	array of attachment IDs		

### getAttachments Test Case:

Input: getAttachmentsRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getAttachments>
      <in0>webapi1673199911353581754</in0>
      <in1>48</in1>
    </urn:getAttachments>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: getAttachmentsResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getAttachmentsResponse xmlns="urn:TBEWebAPI">
      <getAttachmentsReturn xmlns="">
        <array>
          <item>4</item>
          <item>3</item>
        </array>
      </getAttachmentsReturn>
    </getAttachmentsResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

## ***getEntityAttachments Element:***

Operation type: Request-response.

- The endpoint receives a message to get attachment(s) associated with any Taleo Business Edition entity that supports attachment upload, and sends back attachment IDs associated with the entity ID.

Input: getEntityAttachmentsRequest

Data Field Name	Data Field Type	Required	Acceptable Values
sessionId	String	Yes	Session ID received at Login
entityType	Long	Yes	Type of related entity: ACCT = accounts CAND = candidates EMPL = employees REQU = requisitions WORK = users
entityID	Long	Yes	ID of associated entity

Output: getEntityAttachmentsResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getEntityAttachmentReturn	array of attachment IDs		

### getEntityAttachments Test Case:

Input: getEntityAttachmentsRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getEntityAttachments>
      <sessionId>webapi4356913335216569919</sessionId>
      <entityType>REQU</entityType>
      <entityId>69</entityId>
    </urn:getEntityAttachments>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: getEntityAttachmentsResponse



```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getEntityAttachmentsResponse xmlns="urn:TBEWebAPI">
      <getEntityAttachmentsReturn xmlns="">
        <array>
          <item>7</item>
          <item>1</item>
        </array>
      </getEntityAttachmentsReturn>
    </getEntityAttachmentsResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

### ***updateAttachment Element:***

Operation type: Request-response.

- The endpoint receives a message to update an existing attachment, and sends a correlated message only if error occurred.
- Please Note: Update requests replaces the attachment file (i.e. data is not appended or upserted).

Input: updateAttachmentRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Long	Yes	Attachment ID
in2	String	Yes	Attachment Description
in3	String	Yes	Attachment Name
in4	String	Yes	contentType
in5	ByteArr	Yes	binaryResume

Output: updateAttachmentResponse

Data Field Name	Data Field Type	Required	Acceptable Values
updateAttachmentReturn			

### updateAttachment Test Case:

Input: updateAttachmentRequest

```
soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:updateAttachment>
      <in0>webapi-5616904436472928038</in0>
      <in1>15</in1>
      <in2>test1.docx</in2>
      <in3>test1.docx</in3>
      <in4>application/vnd.openxmlformats-officedocument.wordprocessingml.document</in4>
      <in5>
        <!--type: base64Binary-->
        <array>JVBERi0xLjQNJeLjz9MNCjYgMGBvYmogPDwvTGluZWYfaX==</array>
      </in5>
    </urn:updateAttachment>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: updateAttachmentResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <updateAttachmentResponse xmlns="urn:TBEWebAPI"/>
  </soapenv:Body>
</soapenv:Envelope>
```

## Background Check API Calls

Background checks provides background check information that may have occurred for a specific candidate in Taleo Business Edition. There is a one-to-many relationship with candidates to background checks.

#### backgroundCheckBean Definition:

Data Field Name	Data Field Type	Required	Acceptable Values
Id	long	Read Only	Account's unique server side ID. Can be obtained by searching the accounts' database or by creating a new account.
Status	String	No	Account's Status from pick list
Creator	String	Yes	Creator's login name
CandidateId	long	Yes	ID of candidate
CheckerName	String	Yes	Name of the checker
CheckerPhone	String	No	Phone of the checker
CheckerEmail	String	No	Email of the checker
Comments	String	No	Comments
CreationDate	Date	Read Only	Creation date
LastUpdated	Date	Read Only	Last updated date
FlexValues	FlexFieldBean[]	No	Array of flexible (custom) field values

#### flexFieldBean Definition:

Data Field Name	Data Field Type	Required	Acceptable Values
FieldName	String	Yes	Field name
StringValue	String	No	Value of Text, Email, URL, Pick list, or Text Area field. For Multiple Pick list use ' ' to separate values.
IntValue	int	No	Value of Integer field
DoubleValue	double	No	Value of Decimal or Currency field
BooleanValue	Boolean	No	Value of Check Box field
DateValue	Date	No	Value of Date field

### ***createBackgroundCheck Element:***

Operation type: Request-response.

- The endpoint receives a message to create a background check, and sends a correlated message of background check ID.

Input:createBackgroundCheckRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	backgroundCheckBean	*	flexValues [] CandidateId * CheckerName * CheckerPhone CheckerEmail Comments * Status

Output: createBackgroundCheckResponse

Data Field Name	Data Field Type	Required	Acceptable Values
createBackgroundCheckReturn	Long	Yes	Provided Background Check ID

createBackgroundCheck Test Case:

Input: createBackgroundCheck Request

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:createBackgroundCheck>
      <in0>webapi1673199911353581754</in0>
      <in1>
        <flexValues>
          <!--Zero or more repetitions:-->
        </flexValues>
        <candidateId>48</candidateId>
        <checkerEmail>sara@intellius.com</checkerEmail>
        <checkerName>Intellius Background</checkerName>
        <checkerPhone>630-345-6978</checkerPhone>
        <comments>Package 1 background check process</comments>
      </in1>
    </urn:createBackgroundCheck>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: createBackgroundCheckResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <createBackgroundCheckResponse xmlns="urn:TBEWebAPI">
      <createBackgroundCheckReturn xmlns="">2</createBackgroundCheckReturn>
    </createBackgroundCheckResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

### ***deleteBackgroundCheck Element:***

Operation type: Request-response.

- The endpoint receives a message to delete a background check instance, and sends a correlated message only if error occurred.

Input: deleteBackgroundCheckRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Background Check ID	Yes	ID of Background Check

Output: deleteBackgroundCheckResponse

Data Field Name	Data Field Type	Required	Acceptable Values
deleteBackgroundCheckReturn			

### deleteBackgroundCheck Test Case:

Input: deleteBackgroundCheckResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:deleteBackgroundCheck>
      <in0>webapi1673199911353581754</in0>
      <in1>3</in1>
    </urn:deleteBackgroundCheck>
  </soapenv:Body>
```

</soapenv:Envelope>

Output: deleteBackgroundCheckResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <deleteBackgroundCheckResponse xmlns="urn:TBEWebAPI"/>
  </soapenv:Body>
</soapenv:Envelope>
```

### ***getBackgroundCheckById Element:***

Operation type: Request-response.

- The endpoint receives a message to get a specific background check by ID, and sends a correlated message of information associated with that background check instance.

Input: getBackgroundCheckByIdRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	BackgroundCheck ID	Yes	ID of Background Check

Output: getBackgroundCheckByIdResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getBackgroundCheckByIdReturn	backgroundCheckBean		

### getBackgroundCheckById Test Case:

Input: getBackgroundCheckByIdRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getBackgroundCheckById>
      <in0>webapi1673199911353581754</in0>
      <in1>4</in1>
    </urn:getBackgroundCheckById>
  </soapenv:Body>
```

</soapenv:Envelope>

Output: getBackgroundCheckByldResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getBackgroundCheckByldResponse xmlns="urn:TBEWebAPI">
      <getBackgroundCheckByldReturn xmlns="">
        <creationDate>2009-09-10T01:38:24.470Z</creationDate>
        <flexValues>
          <item>
            <fieldName>BackgroundCheckURL</fieldName>
            <valueBool xsi:nil="true"/>
            <valueDate xsi:nil="true"/>
            <valueDbf xsi:nil="true"/>
            <valueInt xsi:nil="true"/>
            <valueLong>www.intellius.com/report</valueLong>
            <valueStr xsi:nil="true"/>
          </item>
        </flexValues>
        <id>4</id>
        <lastUpdated>2009-09-10T01:38:24.470Z</lastUpdated>
        <status>Submitted</status>
        <candidateId>48</candidateId>
        <checkerEmail>sara@intellius.com</checkerEmail>
        <checkerName>Intellius Background Checks</checkerName>
        <checkerPhone>630-345-6978</checkerPhone>
        <comments>Package 3 background check process</comments>
        <creator>skarim</creator>
      </getBackgroundCheckByldReturn>
    </getBackgroundCheckByldResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

### ***getBackgroundChecksByCandidate Element:***

Operation type: Request-response.

- The endpoint receives a message to get all background checks for a specific Candidate ID, and sends a message of all background check IDs.

Input: getBackgroundChecksByCandidateRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received

			at Login
in1	Candidate ID	Yes	ID of Candidate

Output: getBackgroundChecksByCandidateResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getBackgroundChecksByCandidateReturn	Background Check ID(s)		

getBackgroundChecksByCandidate Test Case:

Input: getBackgroundChecksByCandidateRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getBackgroundChecksByCandidate>
      <in0>webapi1673199911353581754</in0>
      <in1>48</in1>
    </urn:getBackgroundChecksByCandidate>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: getBackgroundChecksByCandidateResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getBackgroundChecksByCandidateResponse xmlns="urn:TBEWebAPI">
      <getBackgroundChecksByCandidateReturn xmlns="">
        <array>
          <item>4</item>
          <item>2</item>
        </array>
      </getBackgroundChecksByCandidateReturn>
    </getBackgroundChecksByCandidateResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

## ***updateBackgroundCheck Element:***



Operation type: Request-response.

- The endpoint receives a message to update an existing backgroundcheck instance, and sends a correlated message only if error occurred.
- Please Note: Update requests replace all data fields in the backgroundCheckBean (i.e. data is not appended or upserted). Send all elements back or the field values will be returned NULL.

Input:updateBackgroundCheckRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	backgroundCheckBean	*	ID candidateID flexValues [] candidateId * checkerName * checkerPhone checkerEmail comments * status creator

Output: updateBackgroundCheckResponse

Data Field Name	Data Field Type	Required	Acceptable Values
updateBackgroundCheckReturn			

updateBackgroundCheck Test Case:

Input: updateBackgroundCheckRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:updateBackgroundCheck>
      <in0>webapi1673199911353581754</in0>
      <in1>
        <id>4</id>
        <status>Submitted</status>
        <candidateId>48</candidateId>
        <checkerEmail>ali@intellius.com</checkerEmail>
        <checkerName>Intellius</checkerName>
        <checkerPhone>323-434-3434</checkerPhone>
        <comments>Package 8</comments>
        <creator>skarim</creator>
      </in1>
    </urn:updateBackgroundCheck>
  </soapenv:Body>
</soapenv:Envelope>
```



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

Input: updateBackgroundCheckRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <updateBackgroundCheckResponse xmlns="urn:TBEWebAPI"/>
  </soapenv:Body>
</soapenv:Envelope>
```

## Candidate API Calls

Candidates are all of the people you want to track in Taleo Business Edition who are (either) applicants, employee referrals, sourced prospects, agency submissions, etc.

candidateBean Definition:

Data Field Name	Data Field Type	Required	Acceptable Values
Id	long	Read Only	Candidate's unique server side ID. Can be obtained by searching the candidate database or by creating a new candidate.
status	String	Yes	Candidate's Status name from pick list
firstName	String	No	First name
middleInitial	String	No	Middle name
lastName	String	Yes	Last name
address	String	No	Street portion of mailing address
city	String	No	City name
zipCode	String	No	ZIP or postal code
state	String	No	State, region or province name from pick list
country	String	No	Country code from pick list
email	String	Yes	Candidate's email address

phone	String	No	Phone number
cellPhone	String	No	Mobile phone number
source	String	No	Candidate's Source name from pick list
submittedBy	String	No	Login name of agency which has submitted this candidate
referredBy	String	No	Name of the employee who has referred this candidate
legalStatus	String	No	Candidate's legal status name from pick list
gender	String	No	Gender name from pick list
race	String	No	Race name from pick list
veteran	String	No	Veteran status name from pick list
rank	int	No	Candidate's rank based on ranking criteria
hiredDate	Date	No	Date of hire
startDate	Date	No	Start of employment date
textResume	String	No	Text resume and/or cover letter
resumeFileName	String	Read Only	Binary resume file name
reasonRejected	String	No	Candidate's reason for rejection from pick list
cwsPassword	String	No	Password chosen on Careers Web Site
creationDate	Date	Read Only	Creation date
lastUpdated	Date	Read Only	Last updated date
flexValues	FlexFieldBean[]	No	Array of flexible (custom) field values
birthDate	encryptedDate	No	*** ACCESSIBLE WITHIN FLEX FIELD BEAN
ssn	encryptedString	No	*** ACCESSIBLE WITHIN FLEX FIELD BEAN

candidateDetailsBean Definition:

(This object is used to fetch detailed candidate information, including related objects)

Data Field Name	Data Field Type	Required	Acceptable Values
candidateBean	candidateBean []	Yes	Candidate information
requisitionBean	requisitionBean[]	No	Requisitions associated with the candidate
interviewBean	interviewBean[]	No	Interviews associated with the candidate
referenceBeans	referenceBean[]	No	References associated with the candidate
historyBean	historyBean[]	No	History records associated with the candidate
attachmentBean	attachmentBean[]	No	Attachments associated with the candidate
offerBean	offerBean []	No	Offers associated with the candidate

flexFieldBean Definition:

Data Field Name	Data Field Type	Required	Acceptable Values
FieldName	String	Yes	Field name
StringValue	String	No	Value of Text, Email, URL, Pick list, or Text Area field. For Multiple Pick list use ' ' to separate values.
IntValue	int	No	Value of Integer field
DoubleValue	double	No	Value of Decimal or Currency field
BooleanValue	Boolean	No	Value of Check Box field
DateValue	Date	No	Value of Date field

### ***createCandidate Element:***

Operation type: Request-response.

- The endpoint receives a message to create a candidate, and sends a correlated message of candidate ID.

Input:createCandidateRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login

in1	candidateBean[]	*	flexValues [] status * address cellPhone city country email * firstName gender hiredDate lastName * legalStatus middleInitial password phone race rank reasonRejected referredBy resumeFileName source startDate state submittedBy textResume veteren zipCode ssn dateofbirth
-----	-----------------	---	---

Output: createCandidateResponse

Data Field Name	Data Field Type	Required	Acceptable Values
createCandidateReturn	Long	Yes	Provided Candidate ID

#### createCandidate Test Case:

Input:createCandidateRequest

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:createCandidate>
      <in0>webapi1964799883250105794</in0>
      <in1>
        <flexValues>
          <!--Zero or more repetitions:-->
          <item>

```

```

        <fieldName>ssn</fieldName>
        <valueStr>23423452</valueStr>
    </item>
    <item>
        <fieldName>birthdate</fieldName>
        <valueDate>2009-10-01T23:01:26.493Z</valueDate>
    </item>
</flexValues>
<status>Hired</status>
<address>2323 Macaroni Road</address>
<cellPhone>999-343-2344</cellPhone>
<city>Jason</city>
<country>US-CA</country>
<email>scary@talent.com</email>
<firstName>Jessica</firstName>
<gender>Choose Not to Disclose</gender>
<hireDate>2009-09-04T18:33:50.830Z</hireDate>
<lastName>Karim</lastName>
<legalStatus>My status to work in this country is unknown</legalStatus>
<middleInitial>H</middleInitial>
<password>jason</password>
<phone>748-232-2323</phone>
<race>Hispanic or Latino</race>
<rank>100</rank>
<reasonRejected>Position was canceled</reasonRejected>
<referredBy>skarim</referredBy>
<source>Other</source>
<startDate>2009-09-04T18:33:50.830Z</startDate>
<state>US-CA</state>
<submittedBy>skarim</submittedBy>
<textResume>Skilled in after school specials</textResume>
<veteran>Armed Forces Service Medal Veterans</veteran>
<zipCode>93045</zipCode>
</in1>
</urn:createCandidate>
</soapenv:Body>
</soapenv:Envelope>

```

Output: createCandidateResponse

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
    <soapenv:Body>
        <createCandidateResponse xmlns="urn:TBEWebAPI">
            <createCandidateReturn xmlns="">49</createCandidateReturn>
        </createCandidateResponse>
    </soapenv:Body>
</soapenv:Envelope>

```

## ***deleteCandidate Element:***

Operation type: Request-response.

- The endpoint receives a message to delete a candidate, and sends a correlated message only if error occurred.

Input: deleteCandidateRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Candidate ID	Yes	ID of Candidate

Output: deleteCandidateResponse

Data Field Name	Data Field Type	Required	Acceptable Values
deleteCandidateReturn			

### deleteCandidate Test Case:

Input: deleteCandidateRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:deleteCandidate>
      <in0>webapi1964799883250105794</in0>
      <in1>46</in1>
    </urn:deleteCandidate>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: deleteCandidateResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <deleteCandidateResponse xmlns="urn:TBEWebAPI"/>
  </soapenv:Body>
</soapenv:Envelope>
```

## ***getCandidateByld Element:***

Operation type: Request-response.

- The endpoint receives a message to get a candidate general information by ID, and sends a correlated message of Candidate information.
- For full candidate details, including offers, references, attachments, etc., use getCandidateDetailsByld call.

Input: getCandidateByldRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Candidate ID	Yes	ID of Candidate

Output: getCandidateByldResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getCandidateByldReturn	candidateBean		

#### getCandidateByld Test Case:

Input: getCandidateByldRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getCandidateByld>
      <in0>webapi-7865850650124675561</in0>
      <in1>48</in1>
    </urn:getCandidateByld>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: getCandidateByldResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getCandidateByldResponse xmlns="urn:TBEWebAPI">
      <getCandidateByldReturn xmlns="">
        <creationDate>2009-09-04T18:33:46.463Z</creationDate>
        <flexValues>
          <item>
            <fieldName>ssn</fieldName>
            <valueBool xsi:nil="true"/>
            <valueDate xsi:nil="true"/>
            <valueDbf xsi:nil="true"/>
          </item>
        </flexValues>
      </getCandidateByldReturn>
    </getCandidateByldResponse>
  </soapenv:Body>
</soapenv:Envelope>
```



```

        <valueInt xsi:nil="true"/>
        <valueLong xsi:nil="true"/>
        <valueStr/>
    </item>
    <item>
        <fieldName>birthdate</fieldName>
        <valueBool xsi:nil="true"/>
        <valueDate xsi:nil="true"/>
        <valueDbf xsi:nil="true"/>
        <valueInt xsi:nil="true"/>
        <valueLong xsi:nil="true"/>
        <valueStr xsi:nil="true"/>
    </item>
    <item>
        <fieldName/>
        <valueBool xsi:nil="true"/>
        <valueDate xsi:nil="true"/>
        <valueDbf xsi:nil="true"/>
        <valueInt xsi:nil="true"/>
        <valueLong xsi:nil="true"/>
        <valueStr>Associates Degree</valueStr>
    </item>
    <item>
        <fieldName>Other (Specify Source)</fieldName>
        <valueBool xsi:nil="true"/>
        <valueDate xsi:nil="true"/>
        <valueDbf xsi:nil="true"/>
        <valueInt xsi:nil="true"/>
        <valueLong xsi:nil="true"/>
        <valueStr/>
    </item>
    <item>
        <fieldName>Current Salary</fieldName>
        <valueBool xsi:nil="true"/>
        <valueDate xsi:nil="true"/>
        <valueDbf xsi:nil="true"/>
        <valueInt xsi:nil="true"/>
        <valueLong xsi:nil="true"/>
        <valueStr xsi:nil="true"/>
    </item>
    <item>
        <fieldName>ssn</fieldName>
        <valueBool xsi:nil="true"/>
        <valueDate xsi:nil="true"/>
        <valueDbf xsi:nil="true"/>
        <valueInt xsi:nil="true"/>
        <valueLong xsi:nil="true"/>
        <valueStr xsi:nil="true"/>
    </item>
</flexValues>
<id>48</id>

```

```

<lastUpdated>2009-09-04T18:33:46.463Z</lastUpdated>
<status>NEW</status>
<address>12016 194 B Street</address>
<cellPhone/>
<city>Pitt Meadows</city>
<country>Canada</country>
<email>sel_103@hotmail.com</email>
<firstName>Alisha</firstName>
<gender>Female</gender>
<hireDate xsi:nil="true"/>
<lastName>Smith</lastName>
<legalStatus>I am authorized to work in this country for any employer</legalStatus>
<middleInitial>Alexandra</middleInitial>
<password>basketball</password>
<phone>6043754603</phone>
<race>Asian (not Hispanic or Latino)</race>
<rank>0</rank>
<reasonRejected xsi:nil="true"/>
<referredBy xsi:nil="true"/>
<resumeFileName>resume_48.docx</resumeFileName>
<source>Careers Website</source>
<startDate xsi:nil="true"/>
<state>US-AL</state>
<submittedBy xsi:nil="true"/>
<textResume/>
<veteran>Armed Forces Service Medal Veterans</veteran>
<zipCode>60606</zipCode>
</getCandidateByIdReturn>
</getCandidateByIdResponse>
</soapenv:Body>
</soapenv:Envelope>

```

## getCandidateDetailsById Element:

Operation type: Request-response.

- The endpoint receives a message to get candidate detailed information by ID, and sends a correlated message of detail Candidate information.
- For general candidate record details, use getCandidateById call.

Input: getCandidateDetailsByIdRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID
in1	candidateId - <i>Long</i>	Yes	Candidate ID
in2	includeRequisitions – <i>Boolean</i>	Yes	True False
in3	includeInterviews – <i>Boolean</i>	Yes	True False

in4	includeReferences – <i>Boolean</i>	Yes	True False
in5	includeHistory – <i>Boolean</i>	Yes	True False
in6	includeAttachments – <i>Boolean</i>	Yes	True False
in7	includeOffers - <i>Boolean</i>	Yes	True False

Output: getCandidateDetailsByldResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getCandidateDetailsByldReturn	candidateDetailsBean		

getCandidateDetailsByld Test Case:

Input: getCandidateDetailsByldRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getCandidateDetailsByld>
      <in0>webapi-1081039353966410322</in0>
      <in1>48</in1>
      <in2>True</in2>
      <in3>True</in3>
      <in4>True</in4>
      <in5>True</in5>
      <in6>True</in6>
      <in7>True</in7>
    </urn:getCandidateDetailsByld>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: getCandidateDetailsByldResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getCandidateDetailsByldResponse xmlns="urn:TBEWebAPI">
      <getCandidateDetailsByldReturn>
        <offerBeans xmlns=""/>
        <historyBeans xmlns="">
          <item>
```



<creationDate>2009-09-04T18:39:26.620Z</creationDate>  
<emailText>From: donotreply@invalidemail.com  
To: dies@hotmail.com  
Subject: Thank you

Thank you for submitting your resume. Our management team is reviewing your qualifications and will contact you if there is a match with our current open positions.

Meanwhile, using your email address and password, you can login to our careers website anytime to update your application information.

We appreciate your interest in TaleoSK and wish you the best of luck in your job search.

-----  
Powered by Taleo

www.taleo.com</emailText>

<id>542</id>

<text>Email message Thank you sent to diesel\_103@hotmail.com</text>

<userName xsi:nil="true"/>

</item>

<item>

<creationDate>2009-09-04T18:34:46.883Z</creationDate>

<emailText xsi:nil="true"/>

<id>528</id>

<text>Candidate (id: 48) (id: 48) Alisha Alexandra Smith has been evaluated against requisition (id: 14) (id: 14) Bartender - [98079] for a score of: 0.</text>

<userName xsi:nil="true"/>

</item>

</historyBeans>

<interviewBeans xmlns=""/>

<referenceBeans xmlns=""/>

<attachmentBeans xmlns="">

<item>

<contentType>text/plain</contentType>

<creationDate>2009-09-09T23:43:40.050Z</creationDate>

<description>ConCall Details.txt</description>

<id>4</id>

</item>

</attachmentBeans>

<requisitionBeans xmlns="">

<item>

<creationDate>2009-02-09T23:03:51.430Z</creationDate>

<flexValues>

</flexValues>

<id>11</id>

<lastUpdated>2009-02-18T22:22:18.317Z</lastUpdated>

<status>Open</status>

<city>Dublin</city>

<description><![CDATA[<p>The Pre-Sales Engineer, reporting to the Canadian Delivery Manager, will be responsible for providing solution architect support to our

client's services sales and pre-sales teams. Solutions are primarily in the area of Electronic Content Management, Imaging and Document Process Outsourcing. <br /><br />

This is a role intended to extend the governance of the Delivery organization into the pre-sales area. This resource will be responsible for defining and validating solutions to be proposed to new and existing customers. <br />

```
<br /></p>]]></description>
    <duration>FULLTIME</duration>
    <filledDate xsi:nil="true"/>
    <jobCategory>(2) Professionals</jobCategory>
    <jobCode>12345</jobCode>
    <location>Headquarters</location>
    <numOpen>1</numOpen>
    <openedDate>2009-02-09T00:00:00.000Z</openedDate>
    <payRange/>
    <state>US-CA</state>
    <title>Sales Engineer</title>
  </item>
</requisitionBeans>
<candidateBean xmlns="">
  <creationDate>2009-09-04T18:33:46.463Z</creationDate>
  <flexValues>
    <item>
      <fieldName>Current Salary</fieldName>
      <valueBool xsi:nil="true"/>
      <valueDate xsi:nil="true"/>
      <valueDbf xsi:nil="true"/>
      <valueInt xsi:nil="true"/>
      <valueLong xsi:nil="true"/>
      <valueStr xsi:nil="true"/>
    </item>
  </flexValues>
  <id>48</id>
  <lastUpdated>2009-09-04T18:33:46.463Z</lastUpdated>
  <status>NEW</status>
  <address>12032 194 B Street</address>
  <cellPhone/>
  <city>Pitt Meadows</city>
  <country>Canada</country>
  <email>die@hotmail.com</email>
  <firstName>Alisha</firstName>
  <gender>Female</gender>
  <hiredDate xsi:nil="true"/>
  <lastName>Smith</lastName>
  <legalStatus>I am authorized to work in this country for any
employer</legalStatus>
  <middleInitial>Alexandra</middleInitial>
  <password>basketball</password>
  <phone>6043754606</phone>
  <resumeFileName>resume_48.docx</resumeFileName>
  <source>Careers Website</source>
```

```

<startDate xsi:nil="true"/>
<state>US-AL</state>
<submittedBy xsi:nil="true"/>
<textResume/>
<veteran>Armed Forces Service Medal Veterans</veteran>
<zipCode>60606</zipCode>
</candidateBean>
</getCandidateDetailsByldReturn>
</getCandidateDetailsByldResponse>
</soapenv:Body>
</soapenv:Envelope>

```

### ***getCandidateHistory Element:***

Operation type: Request-response.

- The endpoint receives a message to get a Candidate transaction history, and sends a correlated message of transaction history for the specific candidate ID.
- This object is used to fetch a history log entry which reflects a past event or action related to candidates. History records can only be created by the server, they cannot be modified or deleted. History log includes server side ID, test describing history record, complete text of email message (for email events) and creation date.

Input: getCandidateHistoryRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Candidate ID	Yes	ID of Candidate

Output: getCandidateHistoryResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getCandidateHistoryReturn	historyBean []		

### getCandidateHistory Test Case:

Input: getCandidateHistoryRequest

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getCandidateHistory>
      <in0>webapi-1081039353966410322</in0>
      <in1>43</in1>
    </urn:getCandidateHistory>
  </soapenv:Body>
</soapenv:Envelope>

```

Output: getCandidateHistoryResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getCandidateHistoryResponse xmlns="urn:TBEWebAPI">
      <getCandidateHistoryReturn xmlns="">
        <array>
          <item>
            <creationDate>2009-07-31T18:08:52.397Z</creationDate>
            <emailText xsi:nil="true"/>
            <id>497</id>
            <text>Employee created from Candidate.</text>
            <userName>skarim</userName>
          </item>
          <item>
            <creationDate>2009-06-30T23:01:26.493Z</creationDate>
            <emailText xsi:nil="true"/>
            <id>491</id>
            <text>Candidate created</text>
            <userName>skarim</userName>
          </item>
        </array>
      </getCandidateHistoryReturn>
    </getCandidateHistoryResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

## ***getCandidatesByRequisition Element:***

Operation type: Request-response.

- The endpoint receives a message to get all candidates by Requisition ID, and sends a correlated message of Candidate IDs associated with a specific requisition.

Input: getCandidatesByRequisitionRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID
in1	String	Yes	Requisition ID

Output: getCandidatesByRequisitionResponse

Data Field Name	Data Field Type	Required	Acceptable Values
-----------------	-----------------	----------	-------------------

getCandidatesByRequisitionReturn	candidate ID(s)		
----------------------------------	-----------------	--	--

#### getCandidatesByRequisition Test Case:

Input: getCandidatesByRequisitionRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getCandidatesByRequisition>
      <in0>webapi-1081039353966410322</in0>
      <in1>14</in1>
    </urn:getCandidatesByRequisition>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: getCandidatesByRequisitionResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getCandidatesByRequisitionResponse xmlns="urn:TBEWebAPI">
      <getCandidatesByRequisitionReturn xmlns="">
        <array>
          <item>31</item>
          <item>47</item>
          <item>48</item>
        </array>
      </getCandidatesByRequisitionReturn>
    </getCandidatesByRequisitionResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

### ***getCandidateWorkHistory Element:***

Operation type: Request-response.

- The endpoint receives a message to get the rolling entity specific to a candidate's work history form details, and sends a correlated message of work history information.
- The getRollingEntities request can also be used.
- This is a manually filled in dynamic form that may not be activated in some customer zones (i.e. configured ON).

Input: getCandidateWorkHistoryRequest



Data Field Name	Data Field Type	Required	Acceptable Values
sessionId	String	Yes	Session ID received at Login
candidateId	Long	Yes	ID of Candidate

Output: getCandidateWorkHistoryResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getCandidateWorkHistoryReturn	candidateWorkHistoryBean []		

getCandidateWorkHistory Test Case:

Input: getCandidateWorkHistoryRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getCandidateWorkHistory>
      <sessionId>webapi-1081039353966410322</sessionId>
      <candidateId>48</candidateId>
    </urn:getCandidateWorkHistory>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: getCandidateWorkHistoryResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getCandidateWorkHistoryResponse xmlns="urn:TBEWebAPI">
      <getCandidateWorkHistoryReturn xmlns="">
        <array>
          <item>
            <creationDate>2009-09-04T18:33:46.463Z</creationDate>
            <flexValues>
              <item>
                <fieldName>Starting Rate Of Pay</fieldName>
                <valueBool xsi:nil="true"/>
                <valueDate xsi:nil="true"/>
                <valueDbf xsi:nil="true"/>
                <valueInt xsi:nil="true"/>
                <valueLong xsi:nil="true"/>
                <valueStr xsi:nil="true"/>
              </item>
            </flexValues>
            <id>28</id>
          </item>
        </array>
      </getCandidateWorkHistoryReturn>
    </getCandidateWorkHistoryResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

```

<lastUpdated>2009-09-04T18:33:46.463Z</lastUpdated>
<status xsi:nil="true"/>
<entityId>48</entityId>
<seqNo>2</seqNo>
<jobTitle>Dr</jobTitle>
<companyName/>
<dateFrom>2009-07-01T00:00:00.000Z</dateFrom>
<dateTo>2009-09-01T00:00:00.000Z</dateTo>
<jobDescription/>
<companyStreetAddress/>
<companyCityState/>
<phone/>
<directSupervisor/>
<supervisorTitle/>
<explanation/>
<finalRateOfPay/>
<okToContact>false</okToContact>
<reasonForLeaving>Terminated</reasonForLeaving>
</item>
<item>
  <creationDate>2009-09-04T18:33:46.463Z</creationDate>
  <flexValues>
    <item>
      <fieldName>Starting Rate Of Pay</fieldName>
      <valueBool xsi:nil="true"/>
      <valueDate xsi:nil="true"/>
      <valueDbl xsi:nil="true"/>
      <valueInt xsi:nil="true"/>
      <valueLong xsi:nil="true"/>
      <valueStr xsi:nil="true"/>
    </item>
  </flexValues>
  <id>27</id>
  <lastUpdated>2009-09-04T18:33:46.463Z</lastUpdated>
  <status xsi:nil="true"/>
  <entityId>48</entityId>
  <seqNo>1</seqNo>
  <jobTitle>Dr.</jobTitle>
  <companyName/>
  <dateFrom>2005-01-01T00:00:00.000Z</dateFrom>
  <dateTo>2009-06-01T00:00:00.000Z</dateTo>
  <jobDescription/>
  <companyStreetAddress/>
  <companyCityState/>
  <phone/>
  <directSupervisor/>
  <supervisorTitle/>
  <explanation/>
  <finalRateOfPay/>
  <okToContact>false</okToContact>
  <reasonForLeaving xsi:nil="true"/>

```

```

        </item>
      </array>
    </getCandidateWorkHistoryReturn>
  </getCandidateWorkHistoryResponse>
</soapenv:Body>
</soapenv:Envelope>

```

## ***getCandReqStatus Element:***

Operation type: Request-response.

- The endpoint receives a message to get a status of a requisition for a particular candidate, and sends a correlated message of the candidate's specific requisition status.
- Candidate Requisition Status is picklist created and derived from Taleo Business Edition.

Input: getCandReqStatusRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Long	Yes	ID of Candidate
in2	Long	Yes	ID of requisition

Output: getCandReqStatusResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getCandReqStatusReturn	Long		Candidate Requisition Status Picklist Values

### getCandReqStatus Test Case:

Input: getCandReqStatusRequest

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getCandReqStatus>
      <in0>webapi-1081039353966410322</in0>
      <in1>48</in1>
      <in2>13</in2>
    </urn:getCandReqStatus>
  </soapenv:Body>
</soapenv:Envelope>

```

Output: getCandReqStatusResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getCandReqStatusResponse xmlns="urn:TBEWebAPI">
      <getCandReqStatusReturn xmlns="">NEW</getCandReqStatusReturn>
    </getCandReqStatusResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

### ***getRequisitions Element:***

Operation type: Request-response.

- The endpoint receives a message to get requisition(s) associated with any Taleo Business Edition candidate, and sends back requisition IDs associated with the candidate ID.

Input: getRequisitionsRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Long	Yes	ID of candidate

Output: getRequisitionsResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getRequisitionsReturn	array of requisition IDs		

### getRequisitions Test Case:

Input: getRequisitionsRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getRequisitions>
      <in0>webapi-8638387102069848283</in0>
      <in1>48</in1>
    </urn:getRequisitions>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: getRequisitionsResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getRequisitionsResponse xmlns="urn:TBEWebAPI">
      <getRequisitionsReturn xmlns="">
        <array>
          <item>15</item>
          <item>13</item>
        </array>
      </getRequisitionsReturn>
    </getRequisitionsResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

## ***searchCandidate Element:***

Operation type: Request-response.

- The endpoint receives a message to query all candidates based on defined key (field name) and value (data looking for), and sends a correlated message of Candidate ID and associated search relevance.
- Relevance is a value between 0 and 100, which reflects how well the account matches the search criteria
- Map of search parameters always contains:
  - key: name of field to search as a string
  - value: search parameter as string.
- Format of search value may differ depending on data type of the search field:
- For text, text area, email, URL fields: simple text to be found (case-insensitive) in this field. Example:
  - key="city", value="Francisco" will search for all candidates with "Francisco" in "city" field.
- For integer, double, currency: interval between two numbers separated by '|' character. Either left (from) or right (to) side can be omitted. Example:
  - key="rank", value="100|" will search for all candidates with rank value no less than 100.
  - key="rank", value="|200" will search for all candidates with rank value no more than 200.
  - key="rank", value="100|200" will search for all candidates with rank value between 100 and 200 (inclusive).
- For date fields: interval between two dates in ISO yyyy-MM-dd format, separated by '|' character. Either left (from) or right (to) side can be omitted. Example:
  - key="startDate", value="2004-06-01|" will search for all candidates with start date on or after June 1st 2004.
  - key="startDate", value="|2004-08-01" will search for all candidates with start date on or before August 1st 2004.
  - key="startDate", value="2004-06-01|2004-08-01" will search for all candidates with start date between June 1st 2004 and August 1st 2004 (inclusive).
- For date interval fields: number of days from today to the past. Example:

- key="addedWithin", value="7" will search for all candidates added to the system within the last week.
- For single pick list: code value or name of selected item. Example:
  - key="country", value="US" will search for all candidates with country field equals to "United States".
  - key="status", value="available" will search for all candidates in "Available" status.
- For multiple pick list: code values or names of selected items, separated by '|' character. Example:
  - key="customMultiple", value="A1|B2|X5" will search for all candidates with customMultiple field containing one or more of values: A1, B2, X5.
- For check box fields: "true" if check box must be checked, "false" is unchecked. Example:
  - key="flagged", value="true" will search for all candidates "flagged" for the user currently logged in.
- Search keys names and types can be found in Administration>Customize>Candidate Fields. They may include both system fields (listed below for convenience) and custom fields. For custom fields External name is used as key name.

#### System Search Keys:

Data Field Name	Parameter Type	Description
keyword	String	Keyword(s) in candidate's resume. Identical syntax as used in Taleo browser interface
candid	Integer	ID of candidate
firstName	String	First name
lastName	String	Last name
middleInitial	String	Middle name
address	String	Street address
city	String	City
state	Pick list	State/Region
zipCode	String	ZIP/Postal code
country	Pick list	Country name
phone	String	Phone #
cellPhone	String	Mobile #
phoneAll	String	Any phone
email	String	Email
legalStatus	Pick list	Legal status
status	Pick list	Status name
source	Pick list	Source name
lastUpdated	Date	Last updated date
creationDate	Date	Added to system date
gender	Pick list	Gender
race	Pick list	Race name
veteran	Pick list	Veteran/Disability
rank	Integer	Rank (%)
referredBy	String	Referred By
requisitions	Custom	Ids of requisitions (' ' – separated) this candidate is submitted to
addedWithin	Integer	Added within N days

updatedWithin	Integer	Updated within N days
flagged	Check Box	Flagged candidates only
reasonRej	Pick list	Reason for rejection
hiredDate	Date	Hired date
startDate	Date	Start date
intStatus	String	Supported value: "hired"

Input: searchCandidateRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Item...	Yes	key value

Output: searchCandidateResponse

Data Field Name	Data Field Type	Required	Acceptable Values
searchCandidateReturn	searchResultBean []		

searchCandidate Test Case:

Input: searchCandidateRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:searchCandidate>
      <in0>webapi-1081039353966410322</in0>
      <in1>
        <!--Zero or more repetitions:-->
        <item>
          <key>country</key>
          <value>Canada</value>
        </item>
      </in1>
    </urn:searchCandidate>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: searchCandidateResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <searchCandidateResponse xmlns="urn:TBEWebAPI">
      <searchCandidateReturn xmlns="">
        <array>
          <item>
            <id>30</id>
            <relevance>1.0</relevance>
          </item>
          <item>
            <id>48</id>
            <relevance>1.0</relevance>
          </item>
        </array>
      </searchCandidateReturn>
    </searchCandidateResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

### ***submitCandidate Element:***

Operation type: Request-response.

- The endpoint receives a message to submit a candidate to a requisition(s), and sends a correlated message only if error occurred.
- Please Note: Submit requests replace all previous requisitions that the candidate has been tied too previously (i.e. data is not appended or upserted). Send all previous requisitions back if simply adding an additional requisition or use upsertCandidateToRequisitions call.

Input: submitCandidateRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Long	Yes	ID of Candidate
in2	Long	Yes	Array of requisition IDs

Output: submitCandidateResponse

Data Field Name	Data Field Type	Required	Acceptable Values
submitCandidateReturn			

submitCandidate Test Case:



Input: submitCandidateRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:submitCandidate>
      <in0>webapi-1081039353966410322</in0>
      <in1>48</in1>
      <in2>
        <array>
          <!--Zero or more repetitions:-->
          <item>15</item>
        </array>
      </in2>
    </urn:submitCandidate>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: submitCandidateResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <submitCandidateResponse xmlns="urn:TBEWebAPI"/>
  </soapenv:Body>
</soapenv:Envelope>
```

## ***removeCandidate Element:***

Operation type: Request-response.

- The endpoint receives a message to remove an existing candidate assignment from a requisition (both based on ID variables), and sends a correlated message only if error occurred.

Input: removeCandidateRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Long	Yes	Candidate ID
in2	Long	Yes	Requisition ID

Output: removeCandidateResponse

Data Field Name	Data Field Type	Required	Acceptable Values
removeCandidateReturn			

### removeCandidate Test Case:

Input: removeCandidateRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:removeCandidate>
      <in0>webapi-3736131371583618769</in0>
      <in1>48</in1>
      <in2>15</in2>
    </urn:removeCandidate>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: removeCandidateResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <removeCandidateResponse xmlns="urn:TBEWebAPI"/>
  </soapenv:Body>
</soapenv:Envelope>
```

### ***updateCandidate Element:***

Operation type: Request-response.

- The endpoint receives a message to update an existing candidate, and sends a correlated message only if error occurred.
- Please Note: Update requests replace all data fields in the candidateBean (i.e. data is not appended or upserted). Send all elements back or the field values will be returned NULL.

Input:updateCandidateRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	candidateBean[]	*	flexValues [] id status * address cellPhone city

			country email * firstName gender hiredDate lastName * legalStatus middleInitial password phone race rank reasonRejected referredBy resumeFileName source startDate state submittedBy textResume veteren zipCode
--	--	--	--

Output: updateCandidateResponse

Data Field Name	Data Field Type	Required	Acceptable Values
updateCandidateReturn			

updateCandidate Test Case:

Input: updateCandidateRequest

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:updateCandidate>
      <in0>webapi6675924402134546238</in0>
      <in1>
        <flexValues>
          <!--Zero or more repetitions :-->
        </flexValues>
        <Id>48</Id>
        <status>Hired</status>
        <address>2323 Macaroni Road</address>
        <city>Jason</city>
        <country>US-CA</country>
        <email>scary@talent.com</email>
        <firstName>Jessica</firstName>
        <gender>Choose Not to Disclose</gender>
      </in1>
    </urn:updateCandidate>
  </soapenv:Body>
</soapenv:Envelope>

```

```

<hiredDate>2009-09-04T18:33:50.830Z</hiredDate>
<lastName>Karim</lastName>
<legalStatus>My status to work in this country is unknown</legalStatus>
<middleInitial>H</middleInitial>
<password>jason</password>
<cellPhone>892-232-2334</cellPhone>
<phone>748-232-2323</phone>
<race>Hispanic or Latino</race>
<rank>100</rank>
<reasonRejected>Position was canceled</reasonRejected>
<referredBy>skarim</referredBy>
<source>Other</source>
<startDate>2009-09-04T18:33:50.830Z</startDate>
<state>US-CA</state>
<submittedBy>skarim</submittedBy>
<textResume>Skilled in after school specials</textResume>
<veteran>Armed Forces Service Medal Veterans</veteran>
<zipCode>93045</zipCode>
</in1>
</urn:updateCandidate>
</soapenv:Body>
</soapenv:Envelope>

```

Output: updateCandidateResponse

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <updateCandidateResponse xmlns="urn:TBEWebAPI"/>
  </soapenv:Body>
</soapenv:Envelope>

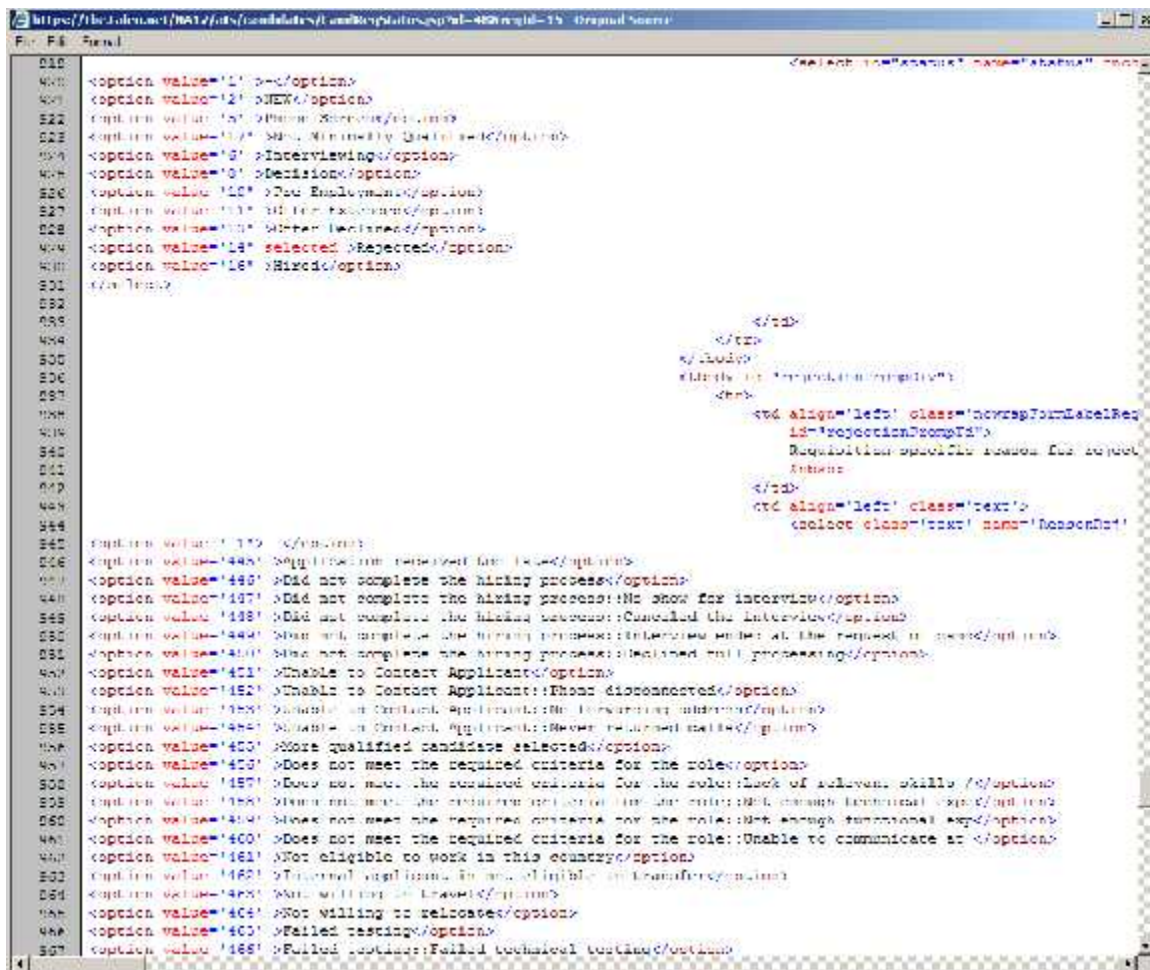
```

## ***upsertCandidateToRequisitions Element:***

Operation type: Request-response.

- The endpoint receives a message to upsert, or append a candidate to a requisition, and sends a correlated message only if error occurred.
- Please Note: Definition of client-side statusIDs and reasonIDs will be needed when passing these attributes (descriptive text is not supported).
- Please Note: ReasonIDs are required when a 'Rejected' Status ID has been selected.
- Please Note: doRanking element is Boolean True/False, which forces the system to recalculate the candidate's rank for that requisition on upsert.
- Please Note: As each client may be able to customize status and reasons, a standard list of ID's has not been provided. The easiest way to find a client's status and reason IDs is to go into the application and:

- Select a candidate
- Attach the candidate to any requisition at the top of the screen
- Select 'Rejected' under the 'Requisition-specific status:' picklist
- When the 'Requisition-specific reason for rejection:' picklist appears, right click the page and select 'View Source'.
- From here you will find a list of appropriate ID values for both sources (sourceID) and reasons (reasonID).



```

<option value='1'></option>
<option value='2'></option>
<option value='3'></option>
<option value='4'></option>
<option value='5'></option>
<option value='6'></option>
<option value='7'></option>
<option value='8'></option>
<option value='9'></option>
<option value='10'></option>
<option value='11'></option>
<option value='12'></option>
<option value='13'></option>
<option value='14'></option>
<option value='15'></option>
<option value='16'></option>
<option value='17'></option>
<option value='18'></option>
<option value='19'></option>
<option value='20'></option>
<option value='21'></option>
<option value='22'></option>
<option value='23'></option>
<option value='24'></option>
<option value='25'></option>
<option value='26'></option>
<option value='27'></option>
<option value='28'></option>
<option value='29'></option>
<option value='30'></option>
<option value='31'></option>
<option value='32'></option>
<option value='33'></option>
<option value='34'></option>
<option value='35'></option>
<option value='36'></option>
<option value='37'></option>
<option value='38'></option>
<option value='39'></option>
<option value='40'></option>
<option value='41'></option>
<option value='42'></option>
<option value='43'></option>
<option value='44'></option>
<option value='45'></option>
<option value='46'></option>
<option value='47'></option>
<option value='48'></option>
<option value='49'></option>
<option value='50'></option>
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<option value='76'></option>
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<option value='82'></option>
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<option value='86'></option>
<option value='87'></option>
<option value='88'></option>
<option value='89'></option>
<option value='90'></option>
<option value='91'></option>
<option value='92'></option>
<option value='93'></option>
<option value='94'></option>
<option value='95'></option>
<option value='96'></option>
<option value='97'></option>
<option value='98'></option>
<option value='99'></option>
<option value='100'></option>

```

Input: upsertCandidateToRequisitionsRequest

Data Field Name	Data Field Type	Required	Acceptable Values
sessionId	String	Yes	Session ID received at Login
candidateId	Long	Yes	ID of Candidate
requisitionIds	LongArr	Yes	Array of requisition IDs

statusId	Long	Yes	ID of status or requisition-specific status ID
reasonId	Long	Yes if statusID = "Rejected"	ID of reasonRej or requisition rejected status ID
doRanking	Boolean	No	True False

Output: upsertCandidateToRequisitionsResponse

Data Field Name	Data Field Type	Required	Acceptable Values
upsertCandidateToRequisitionsReturn			

#### upsertCandidateToRequisitions Test Case:

Input: upsertCandidateToRequisitionsRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:upsertCandidateToRequisitions>
      <sessionId>webapi-1081039353966410322</sessionId>
      <candidateId>48</candidateId>
      <requisitionIds>
        <array>
          <!--Zero or more repetitions:-->
          <item>15</item>
        </array>
      </requisitionIds>
      <statusId>14</statusId>
      <reasonId>476</reasonId>
      <doRanking>True</doRanking>
    </urn:upsertCandidateToRequisitions>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: upsertCandidateToRequisitionsResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <upsertCandidateToRequisitionsResponse xmlns="urn:TBEWebAPI"/>
  </soapenv:Body>
</soapenv:Envelope>
```

## Contact API Calls

Contacts are all of the individuals associated with your Accounts that you need to track in Taleo Business Edition.

contactBean Definition:

Data Field Name	Data Field Type	Required	Acceptable Values
ID	Long	Read Only	Contact's unique server side ID. Can be obtained by searching the accounts' database or by creating a new account.
status	String	Yes	Contact's Status from pick list
firstName	String	No	Contact's first name
lastName	String	Yes	Contact's first name
accounted	long	No	ID of parent account
title	String	No	Contact's title
department	String	No	Contact's department
reportsTold	long	No	ID of parent contact
phone	String	No	Phone number
cellPhone	String	No	Cell phone number
fax	String	No	Fax number
email	String	No	Email address
assistantName	String	No	Assistant's name
assistantPhone	String	No	Assistant's phone
assistantEmail	String	No	Assistant's email
address	String	No	Street portion of mailing address
city	String	No	City name
zipCode	String	No	ZIP or postal code
state	String	No	State, region or province name from pick list
country	String	No	Country code from pick list
description	String	No	Contact's description
creationDate	Date	Read Only	Creation date
lastUpdated	Date	Read Only	Last updated date
flexValues	FlexFieldBean[]	No	Array of flexible

			(custom) field values
--	--	--	-----------------------

flexFieldBean Definition:

Data Field Name	Data Field Type	Required	Acceptable Values
FieldName	String	Yes	Field name
StringValue	String	No	Value of Text, Email, URL, Pick list, or Text Area field. For Multiple Pick list use ' ' to separate values.
IntValue	int	No	Value of Integer field
DoubleValue	double	No	Value of Decimal or Currency field
BooleanValue	Boolean	No	Value of Check Box field
DateValue	Date	No	Value of Date field

### ***createContact Element:***

Operation type: Request-response.

- The endpoint receives a message to create a contact, and sends a correlated message of contact ID.
- Using accountId element allows the contact to be tied to a specific Account.

Input:createContactRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	contactBean[]	*	flexValues [] status accountId address assistantEmail assistantName assistantPhone cellPhone city contactType country department description email fax firstName lastName * phone reportsTold state



			title zipCode
--	--	--	------------------

Output: createContactResponse

Data Field Name	Data Field Type	Required	Acceptable Values
createContactReturn	Long	Yes	Provided Contact ID

createContact Test Case:

Input: createContactRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:createContact>
      <in0>webapi6675924402134546238</in0>
      <in1>
        <flexValues>
          <!--Zero or more repetitions:-->
        </flexValues>
        <accountId>2</accountId>
        <address>82 Taleo Drive</address>
        <assistantEmail>skarim@taleo.com</assistantEmail>
        <assistantName>Shakir Karim</assistantName>
        <assistantPhone>604-761-0087</assistantPhone>
        <cellPhone>604-920-3949</cellPhone>
        <city>Dublin</city>
        <contactType>?</contactType>
        <country>United States</country>
        <department>Sales</department>
        <description>Head of Partners and Alliances</description>
        <email>ddarrah@taleo.com</email>
        <fax>604-323-2323</fax>
        <firstName>Don</firstName>
        <lastName>Darrah</lastName>
        <phone>583-903-3434</phone>
        <state>US-CA</state>
        <title>Manager</title>
        <zipCode>90210</zipCode>
      </in1>
    </urn:createContact>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: createContactResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <createContactResponse xmlns="urn:TBEWebAPI">
      <createContactReturn xmlns="">1</createContactReturn>
    </createContactResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

### ***deleteContact Element:***

Operation type: Request-response.

- The endpoint receives a message to delete a contact, and sends a correlated message only if error occurred.

Input: deleteContactRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Contact ID	Yes	ID of Contact

Output: deleteContactResponse

Data Field Name	Data Field Type	Required	Acceptable Values
deleteContactReturn			

### deleteContact Test Case:

Input: deleteContactRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:deleteContact>
      <in0>webapi6675924402134546238</in0>
      <in1>1</in1>
    </urn:deleteContact>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: deleteContactResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <deleteContactResponse xmlns="urn:TBEWebAPI"/>
  </soapenv:Body>
</soapenv:Envelope>
```

## ***getContactByld Element:***

Operation type: Request-response.

- The endpoint receives a message to get a contact details, and sends a correlated message of Contact information.

Input: getContactByldRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Contact ID	Yes	ID of Contact

Output: getContactByldResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getContactByldReturn	contactBean []		

### getContactByld Test Case:

Input: getContactByldRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getContactByld>
      <in0>webapi6675924402134546238</in0>
      <in1>1</in1>
    </urn:getContactByld>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: getContactByldResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
```

```

<soapenv:Body>
  <getContactByIdResponse xmlns="urn:TBEWebAPI">
    <getContactByIdReturn xmlns="">
      <creationDate>2009-08-21T22:04:14.597Z</creationDate>
      <flexValues/>
      <id>1</id>
      <lastUpdated>2009-08-21T22:09:35.259Z</lastUpdated>
      <status xsi:nil="true"/>
      <accountId>2</accountId>
      <address>82 Taleo Drive</address>
      <assistantEmail>sjj@taleo.com</assistantEmail>
      <assistantName>Sonia Jason</assistantName>
      <assistantPhone>604-894-9487</assistantPhone>
      <cellPhone>604-920-3949</cellPhone>
      <city>Dublin</city>
      <contactType xsi:nil="true"/>
      <country>United States</country>
      <creator xsi:nil="true"/>
      <department>Sales</department>
      <description>Head of Partners and Alliances</description>
      <email>ddarrah@taleo.com</email>
      <fax>604-323-2323</fax>
      <firstName>Don</firstName>
      <lastName>Darrah</lastName>
      <phone>583-903-3434</phone>
      <reportsTold>0</reportsTold>
      <state>US-CA</state>
      <title>Manager</title>
      <zipCode>90210</zipCode>
    </getContactByIdReturn>
  </getContactByIdResponse>
</soapenv:Body>
</soapenv:Envelope>

```

#### getContactHistory Element:

Operation type: Request-response.

- The endpoint receives a message to get a Contact transaction history, and sends a correlated message of transaction history for contact information.
- This object is used to fetch a history log entry which reflects a past event or action related to contacts. History records can only be created by the server, they cannot be modified or deleted. History log includes server side ID, test describing history record, complete text of email message (for email events) and creation date.

Input: getContactHistoryRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login

in1	Contact ID	Yes	ID of Contact
-----	------------	-----	---------------

Output: getContactHistoryResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getContactHistoryReturn	historyBean []		

#### getContactHistory Test Case:

Input: getContactHistoryRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getContactHistory>
      <in0>webapi-2722388699079508905</in0>
      <in1>2</in1>
    </urn:getContactHistory>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: getContactHistoryResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getContactHistoryResponse xmlns="urn:TBEWebAPI">
      <getContactHistoryReturn xmlns="">
        <array>
          <item>
            <creationDate>2009-08-21T22:28:05.247Z</creationDate>
            <emailText xsi:nil="true"/>
            <id>508</id>
            <text>Contact created</text>
            <userName>skarim</userName>
          </item>
        </array>
      </getContactHistoryReturn>
    </getContactHistoryResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

#### searchContact Element:

Operation type: Request-response.

- The endpoint receives a message to query all contacts based on defined key (field name) and value (data looking for), and sends a correlated message of Contact ID and associated search relevance.
- Relevance is a value between 0 and 100, which reflects how well the account matches the search criteria
- Map of search parameters always contains:
  - key: name of field to search as a string
  - value: search parameter as string.
- Format of search value may differ depending on data type of the search field:
- For text, text area, email, URL fields: simple text to be found (case-insensitive) in this field. Example:
  - key="city", value="Francisco" will search for all candidates with "Francisco" in "city" field.
- For integer, double, currency: interval between two numbers separated by '|' character. Either left (from) or right (to) side can be omitted. Example:
  - key="rank", value="100|" will search for all candidates with rank value no less than 100.
  - key="rank", value="|200" will search for all candidates with rank value no more than 200.
  - key="rank", value="100|200" will search for all candidates with rank value between 100 and 200 (inclusive).
- For date fields: interval between two dates in ISO yyyy-MM-dd format, separated by '|' character. Either left (from) or right (to) side can be omitted. Example:
  - key="startDate", value="2004-06-01|" will search for all candidates with start date on or after June 1st 2004.
  - key="startDate", value="|2004-08-01" will search for all candidates with start date on or before August 1st 2004.
  - key="startDate", value="2004-06-01|2004-08-01" will search for all candidates with start date between June 1st 2004 and August 1st 2004 (inclusive).
- For date interval fields: number of days from today to the past. Example:
  - key="addedWithin", value="7" will search for all candidates added to the system within the last week.
- For single pick list: code value or name of selected item. Example:
  - key="country", value="US" will search for all candidates with country field equals to "United States".
  - key="status", value="available" will search for all candidates in "Available" status.
- For multiple pick list: code values or names of selected items, separated by '|' character. Example:
  - key="customMultiple", value="A1|B2|X5" will search for all candidates with customMultiple field containing one or more of values: A1, B2, X5.
- For check box fields: "true" if check box must be checked, "false" is unchecked. Example:
  - key="flagged", value="true" will search for all candidates "flagged" for the user currently logged in.
- Search keys names and types can be found in Administration>Customize>Contact Fields. They may include both system fields (listed below for convenience) and custom fields. For custom fields External name is used as key name.

System Search Keys:

Data Field Name	Parameter Type	Description
-----------------	----------------	-------------

keyword	String	Keyword(s) in contact's description. Identical syntax as used in Taleo browser interface.
firstName	String	Contact's first name
lastName	String	Contact's last name
accountId	String	ID of parent account
title	String	Contact's title
department	String	Department
reportsTold	String	ID of parent contact
phoneAll	String	Any contact's phone number
email	String	Email address
city	Pick list	City name
state	String	State, region or province name from pick list
country	String	Country code from pick list
addedWithin	Integer	Added within N days
updatedWithin	Integer	Updated within N days

Input: searchContactRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Item...	Yes	key value

Output: searchContactResponse

Data Field Name	Data Field Type	Required	Acceptable Values
searchContactReturn	searchResultBean []		

#### searchContact Test Case:

Input: searchContactRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:searchContact>
      <in0>webapi6675924402134546238</in0>
      <in1>
        <!--Zero or more repetitions:-->
        <item>
          <key>description</key>
          <value>Partners</value>
        </item>
      </in1>
    </urn:searchContact>
  </soapenv:Body>
</soapenv:Envelope>
```

```

        </item>
      </in1>
    </urn:searchContact>
  </soapenv:Body>
</soapenv:Envelope>

```

Output: searchContactResponse

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <searchContactResponse xmlns="urn:TBEWebAPI">
      <searchContactReturn xmlns="">
        <array>
          <item>
            <id>1</id>
            <relevance>1.0</relevance>
          </item>
        </array>
      </searchContactReturn>
    </searchContactResponse>
  </soapenv:Body>
</soapenv:Envelope>

```

## ***updateContact Element:***

Operation type: Request-response.

- The endpoint receives a message to update an existing contact, and sends a correlated message only if error occurred.
- Please Note: Update requests replace all data fields in the contactBean (i.e. data is not appended or upserted). Send all elements back or the field values will be returned NULL.

**(\*\*) PLEASE NOTE, KNOWN BUG FOR <CREATOR> FIELD: (BUG 10290): API overwrites defined creator field with API logged in session userName value during integration.**

Input:updateContactRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	contactBean[]	*	flexValues [] status accountId * address assistantEmail assistantName



			assistantPhone cellPhone city contactType country department description email fax firstName lastName * phone reportsTold state title zipCode
--	--	--	--

Output: updateContactResponse

Data Field Name	Data Field Type	Required	Acceptable Values
updateContactReturn			

updateContact Test Case:

Input: updateContactRequest

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:updateContact>
      <in0>webapi6675924402134546238</in0>
      <in1>
        <flexValues>
          <!--Zero or more repetitions :-->
        </flexValues>
        <accountId>2</accountId>
        <address>82 Taleo Drive</address>
        <assistantEmail>sjj@taleo.com</assistantEmail>
        <assistantName>Sonia Jason</assistantName>
        <assistantPhone>604-894-9487</assistantPhone>
        <cellPhone>604-920-3949</cellPhone>
        <city>Dublin</city>
        <contactType>?</contactType>
        <country>United States</country>
        <department>Sales</department>
        <description>Head of Partners and Alliances</description>
        <email>ddarrah@taleo.com</email>
        <fax>604-323-2323</fax>
        <firstName>Don</firstName>
      </in1>
    </urn:updateContact>
  </soapenv:Body>
</soapenv:Envelope>

```

```

    <lastName>Darrah</lastName>
    <phone>583-903-3434</phone>
    <state>US-CA</state>
    <title>Manager</title>
    <zipCode>90210</zipCode>
  </in1>
</urn:updateContact>
</soapenv:Body>
</soapenv:Envelope>

```

Output: updateContactResponse

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <updateContactResponse xmlns="urn:TBEWebAPI"/>
  </soapenv:Body>
</soapenv:Envelope>

```

## Contact Log API Calls

Contact logs are a running trail of communication stored within a specific entity of Taleo Business Edition. There is a one-to-many relationship with contact logs to entities. Entities include accounts (ACCT), candidates (CAND), contacts (CTCT), employees (EMPL), requisitions (REQU) and users (WORK).

contactLogBean Definition:

Data Field Name	Data Field Type	Required	Acceptable Values
id	long	Read Only	Contact log's unique server side ID.
creator	String	Yes	Login name of user who has created this record (**)
typeNo	int	Yes	Type of contact log: 1 = email 2 = phone call 3 = response
entityType	String	Yes	Type of related entity: ACCT = accounts CAND = candidates CTCT = contacts EMPL = employees REQU = requisitions WORK = users
entityId	long	Yes	ID of related entity

subject	String	Yes	Log's subject
comments	String	No	Log's comments or email body
contactDate	Date	No	Contact date
creationDate	Date	Read Only	Creation date
lastUpdated	Date	Read Only	Last updated date

(\*\*) PLEASE NOTE, KNOWN BUG FOR <CREATOR> FIELD: (BUG 9470): API overwrites defined creator field with API logged in session userName value during integration.

### ***createContactLog Element:***

Operation type: Request-response.

- The endpoint receives a message to create a contact log, and sends a correlated message of contact log ID.

Input: createContactLogRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	contactLogBean[]	*	creator * (**) typeNo * entityType * entityId * subject * comments contactDate

Output: createContactLogResponse

Data Field Name	Data Field Type	Required	Acceptable Values
createContactLogReturn	Long	Yes	Provided Contact Log ID

### createContactLog Test Case:

Input: createContactLogRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:createContactLog>
      <in0>webapi-1081039353966410322</in0>
      <in1>
        <comments>Unable to Get a Hold of Candidate</comments>
        <contactDate>2009-06-30T23:01:26.493Z</contactDate>
        <creator>skarim</creator>
        <entityId>48</entityId>
      </in1>
    </urn:createContactLog>
  </soapenv:Body>
</soapenv:Envelope>
```

```

    <entityType>CAND</entityType>
    <subject>Phone Screen</subject>
    <typeNo>2</typeNo>
  </in1>
</urn:createContactLog>
</soapenv:Body>
</soapenv:Envelope>

```

Output: createContactLogResponse

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <createContactLogResponse xmlns="urn:TBEWebAPI">
      <createContactLogReturn xmlns="">3</createContactLogReturn>
    </createContactLogResponse>
  </soapenv:Body>
</soapenv:Envelope>

```

### ***deleteContactLog Element:***

Operation type: Request-response.

- The endpoint receives a message to delete a contact log, and sends a correlated message only if error occurred.

Input: deleteContactLogRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Contact Log ID	Yes	ID of Contact Log

Output: deleteContactLogResponse

Data Field Name	Data Field Type	Required	Acceptable Values
deleteContactLogReturn			

#### deleteContactLog Test Case:

Input: deleteContactLogRequest

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:deleteContactLog>
      <in0>webapi-6706128845720983299</in0>
    </urn:deleteContactLog>
  </soapenv:Body>
</soapenv:Envelope>

```

```

        <in1>6</in1>
      </urn:deleteContactLog>
    </soapenv:Body>
  </soapenv:Envelope>

```

Output: deleteContactLogResponse

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <deleteContactLogResponse xmlns="urn:TBEWebAPI"/>
  </soapenv:Body>
</soapenv:Envelope>

```

### ***getContactLogByld Element:***

Operation type: Request-response.

- The endpoint receives a message to get a contact log details by contact log ID, and sends a correlated message of contact log information.

Input: getContactLogByldRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Contact Log ID	Yes	ID of Contact Log

Output: getContactLogByldResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getContactLogByldReturn	contactLogBean []		

### getContactLogByld Test Case:

Input: getContactLogByldRequest

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getContactLogByld>
      <in0>webapi-6706128845720983299</in0>
      <in1>6</in1>
    </urn:getContactLogByld>
  </soapenv:Body>

```

</soapenv:Envelope>

Output: getContactLogByIdResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getContactLogByIdResponse xmlns="urn:TBEWebAPI">
      <getContactLogByIdReturn xmlns="">
        <comments>Informed candidate that requisition has been closed.</comments>
        <contactDate>2009-09-11T00:00:00.000Z</contactDate>
        <creationDate>2009-09-11T05:45:08.260Z</creationDate>
        <creator>super-admin</creator>
        <entityId>48</entityId>
        <entityType>CAND</entityType>
        <id>6</id>
        <lastUpdated>2009-09-11T05:45:08.260Z</lastUpdated>
        <subject>Requisition Closed</subject>
        <typeNo>2</typeNo>
      </getContactLogByIdReturn>
    </getContactLogByIdResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

## ***getContactLogsByEntity Element:***

Operation type: Request-response.

- The endpoint receives a message to get contact log(s) associated with any Taleo Business Edition entity that supports storing of contact logs, and sends back contact log IDs associated with the entity ID.

Input: getContactLogsByEntity Request

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Long	Yes	Type of related entity: ACCT = accounts CAND = candidates EMPL = employees REQU = requisitions WORK = users
in2	Long	Yes	ID of associated entity

Output: getContactLogsByEntityResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getContactLogsByEntity	array of contact log IDs		

Return			
--------	--	--	--

#### getContactLogsByEntity Test Case:

Input: getContactLogsByEntity Request

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getContactLogsByEntity>
      <in0>webapi-6706128845720983299</in0>
      <in1>CAND</in1>
      <in2>48</in2>
    </urn:getContactLogsByEntity>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: getContactLogsByEntityResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getContactLogsByEntityResponse xmlns="urn:TBEWebAPI">
      <getContactLogsByEntityReturn xmlns="">
        <array>
          <item>6</item>
          <item>4</item>
          <item>5</item>
          <item>3</item>
        </array>
      </getContactLogsByEntityReturn>
    </getContactLogsByEntityResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

### ***updateContactLog Element:***

Operation type: Request-response.

- The endpoint receives a message to update an existing contact log, and sends a correlated message only if error occurred.
- Please Note: Update requests replace all data fields in the contactLogBean (i.e. data is not appended or upserted). Send all elements back or the field values will be returned NULL.

Input: updateContactLogRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	contactLogBean[]	*	comments contactDate creator entityId * entityType * id * subject * typeNo *

Output: updateContactLogResponse

Data Field Name	Data Field Type	Required	Acceptable Values
updateContactLogReturn			

updateContactLog Test Case:

Input: updateContactLogRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:updateContactLog>
      <in0>webapi-6706128845720983299</in0>
      <in1>
        <comments>Phone Interview was rescheduled</comments>
        <contactDate>2009-06-30T23:01:26.493Z</contactDate>
        <creator>destey</creator>
        <entityId>48</entityId>
        <entityType>CAND</entityType>
        <id>4</id>
        <subject>Interview</subject>
        <typeNo>2</typeNo>
      </in1>
    </urn:updateContactLog>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: updateContactLogResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <updateContactLogResponse xmlns="urn:TBEWebAPI"/>
  </soapenv:Body>
</soapenv:Envelope>
```



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

## Department API Calls

Department's are organization cost centers used through your careers site and throughout your Taleo Business Edition system.

departmentBean Definition:

Data Field Name	Data Field Type	Required	Acceptable Values
departmentId	Long	Read Only	Account's unique server side ID. Can be obtained by searching the accounts' database or by creating a new account.
departmentName	String	Yes	Department's name
defaultApprovers	Long[]	No	Array of user ID's  **Allows you to identify which users are assigned to this Department
associatedUsers	Long[]	No	Array of user ID's  **Allows you to identify which users will be set as the default Requisition Approver for any requisition created within this Department
additionalProperties	map	No	Used for expansion calls
creationDate	Date	Read Only	Creation date
lastUpdated	Date	Read Only	Last updated date

### ***createDepartment Element:***

Operation type: Request-response.

- The endpoint receives a message to create a department, and sends a correlated message of department ID.

Input: createDepartmentRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	departmentBean	*	AdditionalProperties[] departmentName associatedUsers defaultApprovers

Output: createDepartmentResponse

Data Field Name	Data Field Type	Required	Acceptable Values
createDepartmentReturn	Long	Yes	Provided Department ID

createDepartmentTest Case:

Input: createDepartmentRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:createDepartment>
      <sessionId>webapi-464745806681923416</sessionId>
      <bean>
        <departmentName>Sales Operations</departmentName>
        <associatedUsers>
          <!--Zero or more repetitions:-->
          <item>2</item>
          <item>5</item>
          <item>19</item>
        </associatedUsers>
        <defaultApprovers>
          <!--Zero or more repetitions:-->
          <item>19</item>
          <item>18</item>
        </defaultApprovers>
      </bean>
    </urn:createDepartment>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: createDepartmentResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <createDepartmentResponse xmlns="urn:TBEWebAPI">
      <createDepartmentReturn>13</createDepartmentReturn>
    </createDepartmentResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

### ***deleteDepartment Element:***

Operation type: Request-response.

- The endpoint receives a message to delete a department, and sends a correlated message only if error occurred.

Input: deleteDepartmentRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Department ID	Yes	ID of Department

Output: deleteDepartmentResponse

Data Field Name	Data Field Type	Required	Acceptable Values
deleteDepartmentReturn			

#### deleteDepartment Test Case:

Input: deleteDepartmentRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:deleteDepartment>
      <sessionId>webapi-464745806681923416</sessionId>
      <departmentId>13</departmentId>
    </urn:deleteDepartment>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: deleteDepartmentResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <deleteDepartmentResponse xmlns="urn:TBEWebAPI"/>
  </soapenv:Body>
</soapenv:Envelope>
```

## ***getDepartmentByld Element:***

Operation type: Request-response.

- The endpoint receives a message to get a Department details, and sends a correlated message of Department information.

Input: getDepartmentByldRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Department ID	Yes	ID of Department

Output: getDepartmentByldResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getDepartmentByldReturn	departmentBean		

### getDepartmentByld Test Case:

Input: getDepartmentByldRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getDepartmentByld>
      <in0>webapi-464745806681923416</in0>
      <in1>4</in1>
    </urn:getDepartmentByld>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: getDepartmentByldResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getDepartmentByldResponse xmlns="urn:TBEWebAPI">
```

```

<getDepartmentByIdReturn>
  <additionalProperties xmlns="">
    <item xmlns:ns1="http://xml.apache.org/xml-soap">
      <key xsi:type="xsd:string">userRequisitionApproverIds</key>
      <value xsi:type="xsd:string">19,18,</value>
    </item>
  </additionalProperties>
  <creationDate xmlns="">2008-11-25T00:00:00.000Z</creationDate>
  <departmentId xmlns="">4</departmentId>
  <departmentName xmlns="">Customer Service</departmentName>
  <lastUpdated xmlns="">2009-03-13T00:00:00.000Z</lastUpdated>
  <associatedUsers xmlns="">
    <item>2</item>
    <item>5</item>
    <item>19</item>
  </associatedUsers>
  <defaultApprovers xmlns="">
    <item>19</item>
    <item>18</item>
  </defaultApprovers>
</getDepartmentByIdReturn>
</getDepartmentByIdResponse>
</soapenv:Body>
</soapenv:Envelope>

```

## ***getDepartmentByName Element:***

Operation type: Request-response.

- The endpoint receives a message to get a Department details, and sends a correlated message of Department information.

Input: getDepartmentByNameRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Department Name	Yes	Name of Department

Output: getDepartmentByNameResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getDepartmentByIdReturn	departmentBean		

### getDepartmentByName Test Case:

Input: getDepartmentByNameRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getDepartmentByName>
      <in0>webapi-464745806681923416</in0>
      <in1>Customer Service</in1>
    </urn:getDepartmentByName>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: getDepartmentByNameResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getDepartmentByNameResponse xmlns="urn:TBEWebAPI">
      <getDepartmentByNameReturn>
        <additionalProperties xmlns="">
          <item xmlns:ns1="http://xml.apache.org/xml-soap">
            <key xsi:type="xsd:string">userRequisitionApproverIds</key>
            <value xsi:type="xsd:string">19,18</value>
          </item>
        </additionalProperties>
        <creationDate xmlns="">2008-11-25T00:00:00.000Z</creationDate>
        <departmentId xmlns="">4</departmentId>
        <departmentName xmlns="">Customer Service</departmentName>
        <lastUpdated xmlns="">2009-03-13T00:00:00.000Z</lastUpdated>
        <associatedUsers xmlns="">
          <item>2</item>
          <item>5</item>
          <item>19</item>
        </associatedUsers>
        <defaultApprovers xmlns="">
          <item>19</item>
          <item>18</item>
        </defaultApprovers>
      </getDepartmentByNameReturn>
    </getDepartmentByNameResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

## ***getDepartments Element:***

Operation type: Request-response.

- The endpoint receives a message to get all Departments and sends a correlated message of Department information. This functions similar to getLookUp Request.

Input: getDepartmentsRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login

Output: getDepartmentsResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getDepartmentsReturn	departmentArray []		

getDepartments Test Case:

Input: getDepartmentsRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getDepartments>
      <in0>webapi-464745806681923416</in0>
    </urn:getDepartments>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: getDepartmentsResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getDepartmentsResponse xmlns="urn:TBEWebAPI">
      <getDepartmentsReturn>
        <array xmlns="">
          <item>
            <additionalProperties>
              <item xmlns:ns10="http://xml.apache.org/xml-soap">
                <key xsi:type="xsd:string">userRequisitionApproverIds</key>
                <value xsi:type="xsd:string">16,13,18</value>
              </item>
            </additionalProperties>
            <creationDate>2008-11-25T00:00:00.000Z</creationDate>
            <departmentId>6</departmentId>
            <departmentName>Business Development</departmentName>
            <lastUpdated>2009-03-11T00:00:00.000Z</lastUpdated>
            <associatedUsers>
              <item>13</item>
              <item>16</item>
              <item>27</item>
            </associatedUsers>
          </item>
        </array>
      </getDepartmentsReturn>
    </getDepartmentsResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

```

    </associatedUsers>
    <defaultApprovers>
      <item>16</item>
      <item>13</item>
      <item>18</item>
    </defaultApprovers>
  </item>
  <item>
    <additionalProperties>
      <item xmlns:ns11="http://xml.apache.org/xml-soap">
        <key xsi:type="xsd:string">userRequisitionApproverIds</key>
        <value xsi:type="xsd:string"/>
      </item>
    </additionalProperties>
    <creationDate>2008-11-25T00:00:00.000Z</creationDate>
    <departmentId>7</departmentId>
    <departmentName>Human Resources</departmentName>
    <lastUpdated>2008-11-25T00:00:00.000Z</lastUpdated>
    <associatedUsers>
      <item>18</item>
    </associatedUsers>
    <defaultApprovers xsi:nil="true"/>
  </item>
  <item>
    <additionalProperties>
      <item xmlns:ns12="http://xml.apache.org/xml-soap">
        <key xsi:type="xsd:string">userRequisitionApproverIds</key>
        <value xsi:type="xsd:string">12,18,</value>
      </item>
    </additionalProperties>
    <creationDate>2008-12-08T00:00:00.000Z</creationDate>
    <departmentId>12</departmentId>
    <departmentName>Product Management</departmentName>
    <lastUpdated>2009-03-11T00:00:00.000Z</lastUpdated>
    <associatedUsers>
      <item>2</item>
      <item>8</item>
      <item>11</item>
      <item>12</item>
    </associatedUsers>
    <defaultApprovers>
      <item>12</item>
      <item>18</item>
    </defaultApprovers>
  </item>
</array>
</getDepartmentsReturn>
</getDepartmentsResponse>
</soapenv:Body>
</soapenv:Envelope>

```



## ***upsertDepartment Element:***

Operation type: Request-response.

- The endpoint receives a message to update or create a department instance, and sends a correlated message only if error occurred.
- Please Note: Upsert is used to both create or update data within a specific department. Using the department ID AND department Name attribute updates or replaces existing department details. Requires both.

Input: upsertDepartmentRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	departmentBean	*	AdditionalProperties[] departmentID* departmentName* associatedUsers defaultApprovers

Output: upsertDepartmentResponse

Data Field Name	Data Field Type	Required	Acceptable Values
upsertDepartmentReturn			

### upsertDepartmentTest Case:

Input: upsertDepartmentRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:upsertDepartment>
      <sessionId>webapi-464745806681923416</sessionId>
      <bean>
        <additionalProperties>
          <!--Zero or more repetitions:-->
          <item>
            <key>?</key>
            <value>?</value>
          </item>
        </additionalProperties>
        <departmentId>3</departmentId>
        <departmentName>Business Development</departmentName>
        <associatedUsers>
```

```

    <!--Zero or more repetitions:-->
    <item>5</item>
  </associatedUsers>
  <defaultApprovers>
    <!--Zero or more repetitions:-->
    <item>5</item>
  </defaultApprovers>
</bean>
</urn:upsertDepartment>
</soapenv:Body>
</soapenv:Envelope>

```

Output: upsertDepartmentResponse

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <upsertDepartmentResponse xmlns="urn:TBEWebAPI">
      <upsertDepartmentReturn>6</upsertDepartmentReturn>
    </upsertDepartmentResponse>
  </soapenv:Body>
</soapenv:Envelope>

```

## Email Log API Calls

Email API calls allow a log to be created in Taleo Business Edition when an email is created outside of the system. Requires a valid email address stored within the system (i.e. Candidate, User, Contact). Email API calls provide a contact log ID as a response.

### ***createEmailLog Element:***

Operation type: Request-response.

- The endpoint receives a message to create a contact record that somebody sent an email to the user (INBOUND EMAIL). Tries to match incoming email address against candidate, then contact, then user.
- First match is where this contact log gets created within the Session ID (obtained at API login).

Input:createEmailLogRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	String	Yes	Email address of candidate, contact, or user (must already

			exist)
in2	String	Yes	Subject of email message
in3	String	Yes	Body of email message
in4	Date	Yes	Calendar of email message

Output: createEmailLogResponse

Data Field Name	Data Field Type	Required	Acceptable Values
createEmailLogReturn	Long	Yes	Provided Contact Log ID

#### createEmailLog Test Case:

Input: createEmailLogRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:createEmailLog>
      <in0>webapi-516132820785594972</in0>
      <in1>skarim@taleo.com</in1>
      <in2>Test_Subject</in2>
      <in3>Test_Body</in3>
      <in4>2009-06-30T23:01:26.493Z</in4>
    </urn:createEmailLog>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: createEmailLogResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <createEmailLogResponse xmlns="urn:TBEWebAPI">
      <createEmailLogReturn xmlns="">7</createEmailLogReturn>
    </createEmailLogResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

### ***createEmailSentLog Element:***

Operation type: Request-response.

- The endpoint receives a message to create a contact record that the user sent somebody an email (OUTBOUND EMAIL). Tries to match outgoing email address against candidate, then contact, then user.
- First match is where this contact log gets created within the Session ID (obtained at API login).

Input: createEmailSentLogRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	String	Yes	Email address of candidate, contact, or user (must already exist)
in2	String	Yes	Subject of email message
in3	String	Yes	Body of email message
in4	Date	Yes	Calendar of email message

Output: createEmailSentLogResponse

Data Field Name	Data Field Type	Required	Acceptable Values
createEmailSentLogReturn	Long	Yes	Provided Contact Log ID

createEmailSentLog Test Case:

Input: createEmailSentLogRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:createEmailSentLog>
      <in0>webapi-516132820785594972</in0>
      <in1>skarim@taleo.com</in1>
      <in2>Test_Subject</in2>
      <in3>Test_Body</in3>
      <in4>2009-06-30T23:01:26.493Z</in4>
    </urn:createEmailSentLog>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: createEmailLogResponse



```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <createEmailSentLogResponse xmlns="urn:TBEWebAPI">
      <createEmailSentLogReturn xmlns="">8</createEmailSentLogReturn>
    </createEmailSentLogResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

## Employee API Calls

Employees are all the people employed by the company and can be managed by Taleo Business Edition. Employees in the Taleo Business Edition system are uniquely identified by email address.

employeeBean Definition:

Data Field Name	Data Field Type	Required	Acceptable Values
id	Long	Read Only	Candidate's unique server side ID. Can be obtained by searching the candidate database or by creating a new candidate.
status	String	Yes	Picklist derived employee status (terminated, etc.) . As these are configurable, view source on add/edit employee page to find values (search for 'status')
city	String	No	City name
address	String	No	Street portion of address
zipCode	String	No	Zip or postal code
state	String	No	State, region or province name from pick list
country	String	No	Country code from pick list
phone	String	No	Employee telephone number
employeeNumber	String	Yes	Configurable

			employee number
email	String	No	Email of employee
firstName	String	No	First name
middleInitial	String	No	Middle name
lastName	String	Yes	Last name
cellPhone	String	No	Employees mobile or cell phone number
hiredDate	dateTime	No	Date of which the employee was hired.
startDate	dateTime	No	Date of commencement
race	String	No	Race name from pick list
gender	String	No	Gender name from pick list
lockedFromEws	Boolean	No	True to lock employee access from the employee website
departmentId	Long	No	Picklist derived department of employee . As these are configurable, view source on add/edit employee page to find values (search for 'department')
managerId	Long	No	Managers ID that is the direct superior of employee
locationId	Long	No	Picklist derived location of employee . As these are configurable, view source on add/edit employee page to find values (search for 'location')
ewsLogin	String	Yes	Employee website login name
ewsPassword	String	Yes	Password chosen on Employee Web Site
jobTitle	String	No	Employee's job title
jobCode	String	No	Employees defined job code value
salaryGrade	String	No	Employees defined salary grade
salary	Double	No	Employees defined salary amount.
payFrequency	String	No	Picklist derived

			payment frequency (monthly, etc.) . As these are configurable, view source on add/edit employee page to find values (search for 'payFrequency')
changePswdOnEwsLogin	Boolean	No	Require the employee to change their password when first login to employee portal website (EWS)
creationDate	dateTime	Read Only	Creation date
lastUpdated	dateTime	Read Only	Last updated date
additionalEntities	additionalEntitiesBean []	No	Array of flexible (future standard) field values.  ** PLACEHOLDER FOR FUTURE USE
flexValues	flexFieldBean []	No	Array of flexible (custom) field values
birthDate	encryptedDate	No	*** ACCESSIBLE WITHIN FLEX FIELD BEAN
ssn	encryptedString	No	*** ACCESSIBLE WITHIN FLEX FIELD BEAN

flexFieldBean Definition:

Data Field Name	Data Field Type	Required	Acceptable Values
FieldName	String	Yes	Field name
StringValue	String	No	Value of Text, Email, URL, Pick list, or Text Area field. For Multiple Pick list use ' ' to separate values.
IntValue	int	No	Value of Integer field
DoubleValue	double	No	Value of Decimal or Currency field
BooleanValue	boolean	No	Value of Check Box field
DateValue	Date	No	Value of Date field

### ***createEmployee Element:***

Operation type: Request-response.

- The endpoint receives a message to create a employee, and sends a correlated message of employee ID.

Input:createEmployeeRequest

Data Field Name	Data Field Type	Required	Acceptable Values
sessionID	String	Yes	Session ID received at Login
bean	employeeBean[]	*	flexValues [] status * city address zipCode state country phone employeeNumber * email firstName middleInitial lastName * cellPhone hiredDate startDate race gender lockedFromEws reviewManagerId departmentId managerId locationId ewsLogin * ewsPassword * jobTitle jobCode salaryGrade salary payFrequency changePswdOnEwsLogin additionalEntities []

Output: createEmployeeResponse

Data Field Name	Data Field Type	Required	Acceptable Values
createEmployeeReturn	Long	Yes	Provided Employee ID

createEmployee Test Case:

Input:createEmployeeRequest



```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:createEmployee>
      <sessionId>webapi4901801771281067756</sessionId>
      <bean>
        <flexValues>
          <!--Zero or more repetitions:-->
          <item>
            <fieldName>ssn</fieldName>
            <valueStr>23423452</valueStr>
          </item>
          <item>
            <fieldName>birthdate</fieldName>
            <valueDate>2009-10-01T23:01:26.493Z</valueDate>
          </item>
        </flexValues>
        <status>Employed</status>
        <city>Seattle</city>
        <address>234 Sandra Ave</address>
        <zipCode>578937</zipCode>
        <state>US-WA</state>
        <country>United States</country>
        <phone>754-343-2323</phone>
        <employeeNumber>S-54896</employeeNumber>
        <email>sand298749874@invalidemail.com</email>
        <firstName>Sharon</firstName>
        <middleInitial>A</middleInitial>
        <lastName>Darrah</lastName>
        <cellPhone>230-234-5895</cellPhone>
        <hireDate>2009-06-30T23:01:26.493Z</hireDate>
        <startDate>2009-10-01T23:01:26.493Z</startDate>
        <race>Hispanic or Latino</race>
        <gender>Female</gender>
        <lockedFromEws>False</lockedFromEws>
        <reviewManagerId>4</reviewManagerId>
        <departmentId>2</departmentId>
        <managerId>4</managerId>
        <locationId>2</locationId>
        <ewsLogin>sand</ewsLogin>
        <ewsPassword>sand</ewsPassword>
        <jobTitle>Consultant</jobTitle>
        <jobCode>Consulting</jobCode>
        <salaryGrade>Level 1</salaryGrade>
        <salary>5600</salary>
        <payFrequency>Monthly</payFrequency>
        <changePswdOnEwsLogin>False</changePswdOnEwsLogin>
        <additionalEntities>
          <!--Zero or more repetitions:-->
          <item>

```

```

        </item>
      </additionalEntities>
    </bean>
  </urn:createEmployee>
</soapenv:Body>
</soapenv:Envelope>

```

Output: createEmployeeResponse

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <createEmployeeResponse xmlns="urn:TBEWebAPI">
      <createEmployeeReturn xmlns="">134</createEmployeeReturn>
    </createEmployeeResponse>
  </soapenv:Body>
</soapenv:Envelope>

```

## deleteEmployee Element:

Operation type: Request-response.

- The endpoint receives a message to delete an employee, and sends a correlated message only if error occurred.

Input: deleteEmployeeRequest

Data Field Name	Data Field Type	Required	Acceptable Values
sessionID	String	Yes	Session ID received at Login
employeeID	Employee ID	Yes	ID of Employee

Output: deleteEmployeeResponse

Data Field Name	Data Field Type	Required	Acceptable Values
deleteEmployeeReturn			

## deleteEmployee Test Case:

Input: deleteEmployeeRequest

```

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

```

```
<urn:deleteEmployee>
  <sessionId>webapi4901801771281067756</sessionId>
  <employeeId>134</employeeId>
</urn:deleteEmployee>
</soapenv:Body>
</soapenv:Envelope>
```

Output: deleteEmployeeResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <deleteEmployeeResponse xmlns="urn:TBEWebAPI"/>
  </soapenv:Body>
</soapenv:Envelope>
```

### ***deleteEmployeeByNumber Element:***

Operation type: Request-response.

- The endpoint receives a message to delete an employee by employee number, and sends a correlated message only if error occurred.

Input: deleteEmployeeByNumberRequest

Data Field Name	Data Field Type	Required	Acceptable Values
sessionId	String	Yes	Session ID received at Login
employeeNumber	Employee Number	Yes	Number of Employee

Output: deleteEmployeeByNumberResponse

Data Field Name	Data Field Type	Required	Acceptable Values
deleteEmployeeByNumberReturn			

### deleteEmployeeByNumber Test Case:

Input: deleteEmployeeByNumberRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:deleteEmployeeByNumber>
      <sessionId>webapi4901801771281067756</sessionId>
      <employeeNumber>S-54896</employeeNumber>
    </urn:deleteEmployeeByNumber>
  </soapenv:Body>
</soapenv:Envelope>
```

```

    </urn:deleteEmployeeByNumber>
  </soapenv:Body>
</soapenv:Envelope>

```

Output: deleteEmployeeByNumberResponse

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <deleteEmployeeByNumberResponse xmlns="urn:TBEWebAPI"/>
  </soapenv:Body>
</soapenv:Envelope>

```

### ***getEmployeeById Element:***

Operation type: Request-response.

- The endpoint receives a message to get employee general information by ID, and sends a correlated message of Employee information.

Input: getEmployeeByIdRequest

Data Field Name	Data Field Type	Required	Acceptable Values
sessionId	String	Yes	Session ID received at Login
employeeId	Employee ID	Yes	ID of Employee

Output: getEmployeeByIdResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getEmployeeByIdReturn	employeeBean []		

### getEmployeeById Test Case:

Input: getEmployeeByIdRequest

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getEmployeeById>
      <sessionId>webapi4901801771281067756</sessionId>
      <employeeId>137</employeeId>
      <additionalEntities>
        <!--Zero or more repetitions:-->
        <item></item>
      </additionalEntities>
    </urn:getEmployeeById>
  </soapenv:Body>
</soapenv:Envelope>

```

```

    </urn:getEmployeeById>
  </soapenv:Body>
</soapenv:Envelope>

```

Output: getEmployeeByIdResponse

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getEmployeeByIdResponse xmlns="urn:TBEWebAPI">
      <getEmployeeByIdReturn xmlns="">
        <creationDate>2009-09-15T17:19:43.153Z</creationDate>
        <flexValues>
          <item>
            <fieldName>ssn</fieldName>
            <valueBool xsi:nil="true"/>
            <valueDate xsi:nil="true"/>
            <valueDbI xsi:nil="true"/>
            <valueInt xsi:nil="true"/>
            <valueLong xsi:nil="true"/>
            <valueStr/>
          </item>
          <item>
            <fieldName>birthdate</fieldName>
            <valueBool xsi:nil="true"/>
            <valueDate xsi:nil="true"/>
            <valueDbI xsi:nil="true"/>
            <valueInt xsi:nil="true"/>
            <valueLong xsi:nil="true"/>
            <valueStr xsi:nil="true"/>
          </item>
          <item>
            <fieldName>District</fieldName>
            <valueBool xsi:nil="true"/>
            <valueDate xsi:nil="true"/>
            <valueDbI xsi:nil="true"/>
            <valueInt xsi:nil="true"/>
            <valueLong xsi:nil="true"/>
            <valueStr xsi:nil="true"/>
          </item>
          <item>
            <fieldName>Add Email Recipients</fieldName>
            <valueBool xsi:nil="true"/>
            <valueDate xsi:nil="true"/>
            <valueDbI xsi:nil="true"/>
            <valueInt xsi:nil="true"/>
            <valueLong xsi:nil="true"/>
            <valueStr/>
          </item>
        </flexValues>
      </getEmployeeByIdReturn>
    </getEmployeeByIdResponse>
  </soapenv:Body>
</soapenv:Envelope>

```

```

</item>
<item>
  <fieldName>Candidate Resume</fieldName>
  <valueBool xsi:nil="true"/>
  <valueDate xsi:nil="true"/>
  <valueDbf xsi:nil="true"/>
  <valueInt xsi:nil="true"/>
  <valueLong xsi:nil="true"/>
  <valueStr xsi:nil="true"/>
</item>
<item>
  <fieldName>CandidateID</fieldName>
  <valueBool xsi:nil="true"/>
  <valueDate xsi:nil="true"/>
  <valueDbf xsi:nil="true"/>
  <valueInt xsi:nil="true"/>
  <valueLong xsi:nil="true"/>
  <valueStr xsi:nil="true"/>
</item>
<item>
  <fieldName>Career Ambitions</fieldName>
  <valueBool xsi:nil="true"/>
  <valueDate xsi:nil="true"/>
  <valueDbf xsi:nil="true"/>
  <valueInt xsi:nil="true"/>
  <valueLong xsi:nil="true"/>
  <valueStr xsi:nil="true"/>
</item>
<item>
  <fieldName>Critical Experience</fieldName>
  <valueBool xsi:nil="true"/>
  <valueDate xsi:nil="true"/>
  <valueDbf xsi:nil="true"/>
  <valueInt xsi:nil="true"/>
  <valueLong xsi:nil="true"/>
  <valueStr/>
</item>
<item>
  <fieldName>Critical Position</fieldName>
  <valueBool>false</valueBool>
  <valueDate xsi:nil="true"/>
  <valueDbf xsi:nil="true"/>
  <valueInt xsi:nil="true"/>
  <valueLong xsi:nil="true"/>
  <valueStr xsi:nil="true"/>
</item>
<item>
  <fieldName>Desired Advancement</fieldName>
  <valueBool xsi:nil="true"/>
  <valueDate xsi:nil="true"/>
  <valueDbf xsi:nil="true"/>

```

```

    <valueInt xsi:nil="true"/>
    <valueLong xsi:nil="true"/>
    <valueStr xsi:nil="true"/>
  </item>
  <item>
    <fieldName>Desired Mobility</fieldName>
    <valueBool xsi:nil="true"/>
    <valueDate xsi:nil="true"/>
    <valueDbf xsi:nil="true"/>
    <valueInt xsi:nil="true"/>
    <valueLong xsi:nil="true"/>
    <valueStr xsi:nil="true"/>
  </item>
  <item>
    <fieldName>Flight Risk Reason:</fieldName>
    <valueBool xsi:nil="true"/>
    <valueDate xsi:nil="true"/>
    <valueDbf xsi:nil="true"/>
    <valueInt xsi:nil="true"/>
    <valueLong xsi:nil="true"/>
    <valueStr/>
  </item>
  <item>
    <fieldName>Flight Risk?</fieldName>
    <valueBool>false</valueBool>
    <valueDate xsi:nil="true"/>
    <valueDbf xsi:nil="true"/>
    <valueInt xsi:nil="true"/>
    <valueLong xsi:nil="true"/>
    <valueStr xsi:nil="true"/>
  </item>
  <item>
    <fieldName>High Performer</fieldName>
    <valueBool>false</valueBool>
    <valueDate xsi:nil="true"/>
    <valueDbf xsi:nil="true"/>
    <valueInt xsi:nil="true"/>
    <valueLong xsi:nil="true"/>
    <valueStr xsi:nil="true"/>
  </item>
  <item>
    <fieldName>Highest Education Level</fieldName>
    <valueBool xsi:nil="true"/>
    <valueDate xsi:nil="true"/>
    <valueDbf xsi:nil="true"/>
    <valueInt xsi:nil="true"/>
    <valueLong xsi:nil="true"/>
    <valueStr xsi:nil="true"/>
  </item>
  <item>
    <fieldName>Languages Spoken</fieldName>

```

```

    <valueBool xsi:nil="true"/>
    <valueDate xsi:nil="true"/>
    <valueDbf xsi:nil="true"/>
    <valueInt xsi:nil="true"/>
    <valueLong xsi:nil="true"/>
    <valueStr/>
  </item>
  <item>
    <fieldName>Leadership Qualities</fieldName>
    <valueBool xsi:nil="true"/>
    <valueDate xsi:nil="true"/>
    <valueDbf xsi:nil="true"/>
    <valueInt xsi:nil="true"/>
    <valueLong xsi:nil="true"/>
    <valueStr/>
  </item>
  <item>
    <fieldName>Next Level Position Rank</fieldName>
    <valueBool xsi:nil="true"/>
    <valueDate xsi:nil="true"/>
    <valueDbf xsi:nil="true"/>
    <valueInt xsi:nil="true"/>
    <valueLong xsi:nil="true"/>
    <valueStr xsi:nil="true"/>
  </item>
  <item>
    <fieldName>Potential</fieldName>
    <valueBool xsi:nil="true"/>
    <valueDate xsi:nil="true"/>
    <valueDbf xsi:nil="true"/>
    <valueInt xsi:nil="true"/>
    <valueLong xsi:nil="true"/>
    <valueStr xsi:nil="true"/>
  </item>
  <item>
    <fieldName>Preferred Locations</fieldName>
    <valueBool xsi:nil="true"/>
    <valueDate xsi:nil="true"/>
    <valueDbf xsi:nil="true"/>
    <valueInt xsi:nil="true"/>
    <valueLong xsi:nil="true"/>
    <valueStr/>
  </item>
  <item>
    <fieldName>Promotion Readiness</fieldName>
    <valueBool xsi:nil="true"/>
    <valueDate xsi:nil="true"/>
    <valueDbf xsi:nil="true"/>
    <valueInt xsi:nil="true"/>
    <valueLong xsi:nil="true"/>
    <valueStr xsi:nil="true"/>

```



```

</item>
<item>
  <fieldName>Role in department</fieldName>
  <valueBool xsi:nil="true"/>
  <valueDate xsi:nil="true"/>
  <valueDbf xsi:nil="true"/>
  <valueInt xsi:nil="true"/>
  <valueLong xsi:nil="true"/>
  <valueStr xsi:nil="true"/>
</item>
<item>
  <fieldName>Willingness to Re Locate</fieldName>
  <valueBool xsi:nil="true"/>
  <valueDate xsi:nil="true"/>
  <valueDbf xsi:nil="true"/>
  <valueInt xsi:nil="true"/>
  <valueLong xsi:nil="true"/>
  <valueStr xsi:nil="true"/>
</item>
<item>
  <fieldName>department</fieldName>
  <valueBool xsi:nil="true"/>
  <valueDate xsi:nil="true"/>
  <valueDbf xsi:nil="true"/>
  <valueInt xsi:nil="true"/>
  <valueLong>7</valueLong>
  <valueStr>Human Resources</valueStr>
</item>
</flexValues>
<id>3</id>
<lastUpdated>2009-12-17T22:49:45.553Z</lastUpdated>
<status>Employed</status>
<city>b</city>
<address>12 Fineman Avenue</address>
<zipCode>93038</zipCode>
<state/>
<country>US</country>
<employeeNumber>EMP110479</employeeNumber>
<email>ssujan@invalidemail.com</email>
<firstName>Sandra</firstName>
<middleInitial>b</middleInitial>
<lastName>Sujan</lastName>
<cellPhone>978-658-2353</cellPhone>
<title xsi:nil="true"/>
<hireDate>2001-01-02T00:00:00.000Z</hireDate>
<startDate>2001-01-02T00:00:00.000Z</startDate>
<race xsi:nil="true"/>
<gender xsi:nil="true"/>
<reviewManagerId>28</reviewManagerId>
<departmentId>7</departmentId>
<hierarchyPath>m.1c.m.1c.2j.6</hierarchyPath>

```

```

<managerId>6</managerId>
<locationId>3</locationId>
<ewsLogin>10479</ewsLogin>
<ewsPassword>2762290428252901316429404006414531003189==</ewsPassword>
<jobTitle>Benefits Analyst</jobTitle>
<jobCode>2073</jobCode>
<salaryGrade/>
<salary>0.0</salary>
<payFrequency xsi:nil="true"/>
<changePswdOnEwsLogin>true</changePswdOnEwsLogin>
<additionalEntities/>
<phone>781-436-9794</phone>
</getEmployeeByIdReturn>
</getEmployeeByIdResponse>
</soapenv:Body>
</soapenv:Envelope>

```

### ***getEmployeeByNumber Element:***

Operation type: Request-response.

- The endpoint receives a message to get employee general information by Number, and sends a correlated message of Employee information.

Input: getEmployeeByNumberRequest

Data Field Name	Data Field Type	Required	Acceptable Values
sessionId	String	Yes	Session ID received at Login
employeeNumber	String	Yes	Defined Employee Number

Output: getEmployeeByNumberResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getEmployeeByNumberReturn	employeeBean []		

### getEmployeeByNumber Test Case:

Input: getEmployeeByNumberRequest

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getEmployeeByNumber>
      <sessionId>webapi4901801771281067756</sessionId>
      <employeeNumber>S-54896</employeeNumber>
      <additionalEntities>

```

```

    <!--Zero or more repetitions:-->
    <item></item>
  </additionalEntities>
</urn:getEmployeeByNumber>
</soapenv:Body>
</soapenv:Envelope>

```

Output: getEmployeeByNumberResponse

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getEmployeeByNumberResponse xmlns="urn:TBEWebAPI">
      <getEmployeeByNumberReturn xmlns="">
        <creationDate>2009-09-15T17:19:43.153Z</creationDate>
        <flexValues>
          <item>
            <fieldName>District</fieldName>
            <valueBool xsi:nil="true"/>
            <valueDate xsi:nil="true"/>
            <valueDbf xsi:nil="true"/>
            <valueInt xsi:nil="true"/>
            <valueLong xsi:nil="true"/>
            <valueStr xsi:nil="true"/>
          </item>
        </flexValues>
        <id>137</id>
        <lastUpdated>2009-09-15T17:19:43.153Z</lastUpdated>
        <status>Employed</status>
        <city>Seattle</city>
        <address>234 Sandra Ave</address>
        <zipCode>578937</zipCode>
        <state>US-WA</state>
        <country>US</country>
        <employeeNumber>S-54896</employeeNumber>
        <email>sand298749874@invalidemail.com</email>
        <firstName>Sharon</firstName>
        <middleInitial>A</middleInitial>
        <lastName>Darrah</lastName>
        <cellPhone>230-234-5895</cellPhone>
        <title xsi:nil="true"/>
        <hiredDate>2009-06-30T23:01:26.493Z</hiredDate>
        <startDate>2009-10-01T23:01:26.493Z</startDate>
        <race>Hispanic or Latino</race>
        <gender>Female</gender>
        <reviewManagerId>4</reviewManagerId>
        <departmentId>2</departmentId>
        <hierarchyPath>ae</hierarchyPath>
        <managerId>4</managerId>
      </getEmployeeByNumberReturn>
    </getEmployeeByNumberResponse>
  </soapenv:Body>
</soapenv:Envelope>

```

```

<locationId>2</locationId>
<ewsLogin>S-54896</ewsLogin>
<ewsPassword>3101290627273108292727644022402228412763==</ewsPassword>
<jobTitle>Consultant</jobTitle>
<jobCode>Consulting</jobCode>
<salaryGrade>Level 1</salaryGrade>
<salary>5600.0</salary>
<payFrequency>Monthly</payFrequency>
<changePswdOnEwsLogin>true</changePswdOnEwsLogin>
<additionalEntities/>
<phone>754-343-2323</phone>
</getEmployeeByNumberReturn>
</getEmployeeByNumberResponse>
</soapenv:Body>
</soapenv:Envelope>

```

## ***searchEmployee Element:***

Operation type: Request-response.

- The endpoint receives a message to query all employees based on defined key (field name) and value (data looking for), and sends a correlated message of Employee ID and associated search relevance.
- Relevance is a value between 0 and 100, which reflects how well the account matches the search criteria
- Map of search parameters always contains:
  - key: name of field to search as a string
  - value: search parameter as string.
- Format of search value may differ depending on data type of the search field:
- For text, text area, email, URL fields: simple text to be found (case-insensitive) in this field. Example:
  - key="city", value="Francisco" will search for all candidates with "Francisco" in "city" field.
- For integer, double, currency: interval between two numbers separated by '|' character. Either left (from) or right (to) side can be omitted. Example:
  - key="rank", value="100" will search for all candidates with rank value no less than 100.
  - key="rank", value="|200" will search for all candidates with rank value no more than 200.
  - key="rank", value="100|200" will search for all candidates with rank value between 100 and 200 (inclusive).
- For date fields: interval between two dates in ISO yyyy-MM-dd format, separated by '|' character. Either left (from) or right (to) side can be omitted. Example:
  - key="startDate", value="2004-06-01" will search for all candidates with start date on or after June 1st 2004.
  - key="startDate", value="|2004-08-01" will search for all candidates with start date on or before August 1st 2004.
  - key="startDate", value="2004-06-01|2004-08-01" will search for all candidates with start date between June 1st 2004 and August 1st 2004 (inclusive).
- For date interval fields: number of days from today to the past. Example:

- key="addedWithin", value="7" will search for all candidates added to the system within the last week.
- For single pick list: code value or name of selected item. Example:
  - key="country", value="US" will search for all candidates with country field equals to "United States".
  - key="status", value="available" will search for all candidates in "Available" status.
- For multiple pick list: code values or names of selected items, separated by '|' character. Example:
  - key="customMultiple", value="A1|B2|X5" will search for all candidates with customMultiple field containing one or more of values: A1, B2, X5.
- For check box fields: "true" if check box must be checked, "false" is unchecked. Example:
  - key="flagged", value="true" will search for all candidates "flagged" for the user currently logged in.
- Search keys names and types can be found in Administration>Customize>Employee Fields. They may include both system fields (listed below for convenience) and custom fields. For custom fields External name is used as key name.

#### System Search Keys:

Data Field Name	Parameter Type	Description
keyword	String	Keyword(s) in candidate's resume. Identical syntax as used in Taleo browser interface
emplid	Integer	ID of candidate
employeeNumber	String	Configured ID of Employee
jobCode	String	Job Code Value
firstName	String	First name
lastName	String	Last name
middleInitial	String	Middle name
address	String	Street address
city	String	City
state	Pick list	State/Region
zipCode	String	ZIP/Postal code
country	Pick list	Country name
phone	String	Phone #
cellPhone	String	Mobile #
phoneAll	String	Any phone
email	String	Email
status	Pick list	Status name
lastUpdated	Date	Last updated date
creationDate	Date	Added to system date
gender	Pick list	Gender
race	Pick list	Race name
salary	Currency	salary amount
salaryGrade	Picklist	grade of salary payment
addedWithin	Integer	Added within N days
updatedWithin	Integer	Updated within N days
flagged	Check Box	Flagged candidates only

hiredDate	Date	Hired date
startDate	Date	Start date

Input: searchEmployeeRequest

Data Field Name	Data Field Type	Required	Acceptable Values
sessionID	String	Yes	Session ID received at Login
searchParams	Item...	Yes	key value

Output: searchEmployeeResponse

Data Field Name	Data Field Type	Required	Acceptable Values
searchEmployeeReturn	searchResultBean []		

#### searchEmployee Test Case:

Input: searchEmployeeRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:searchEmployee>
      <sessionID>webapi7073868042459393355</sessionID>
      <searchParams>
        <!--Zero or more repetitions-->
        <item>
          <key>department</key>
          <value>customer service</value>
        </item>
      </searchParams>
    </urn:searchEmployee>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: searchEmployeeResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <searchEmployeeResponse xmlns="urn:TBEWebAPI">
      <searchEmployeeReturn xmlns="">
```

```

<array>
  <item>
    <id>4</id>
    <relevance>1.0</relevance>
  </item>
  <item>
    <id>6</id>
    <relevance>1.0</relevance>
  </item>
  <item>
    <id>8</id>
    <relevance>1.0</relevance>
  </item>
</array>
</searchEmployeeReturn>
</searchEmployeeResponse>
</soapenv:Body>
</soapenv:Envelope>

```

### ***updateEmployee Element:***

Operation type: Request-response.

- The endpoint receives a message to update an existing employee, and sends a correlated message only if error occurred.
- Please Note: Update requests replace all data fields in the employeeBean (i.e. data is not appended). Send all elements back or the field values will be returned NULL.

Input:updateEmployeeRequest

Data Field Name	Data Field Type	Required	Acceptable Values
sessionID	String	Yes	Session ID received at Login
bean	employeeBean[]	*	flexValues [] id * status * city address zipCode state country phone employeeNumber * email firstName middleInitial lastName * cellPhone hiredDate

			startDate race gender lockedFromEws reviewManagerId departmentId managerId locationId ewsLogin * ewsPassword * jobTitle jobCode salaryGrade salary payFrequency changePswdOnEwsLogin additionalEntities []
--	--	--	--

Output: updateEmployeeResponse

Data Field Name	Data Field Type	Required	Acceptable Values
updateEmployeeReturn			

#### updateEmployee Test Case:

Input: updateEmployeeRequest

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:updateEmployee>
      <sessionId>webapi7073868042459393355</sessionId>
      <bean>
        <flexValues>
          <!--Zero or more repetitions:-->
          <item>
            <fieldName>District</fieldName>
            <valueStr>Store1</valueStr>
          </item>
        </flexValues>
        <id>137</id>
        <status>LOA</status>
        <city>Seattle</city>
        <address>234 Sandra Ave</address>
        <zipCode>578937</zipCode>
        <state>US-WA</state>
        <country>United States</country>
        <phone>754-343-2323</phone>
        <employeeNumber>S-54896</employeeNumber>
      </bean>
    </urn:updateEmployee>
  </soapenv:Body>
</soapenv:Envelope>

```



```

<email>sand298749874@invalidemail.com</email>
<firstName>Sharon</firstName>
<middleInitial>A</middleInitial>
<lastName>Darrah</lastName>
<cellPhone>230-234-5895</cellPhone>
<hireDate>2009-06-30T23:01:26.493Z</hireDate>
<startDate>2009-10-01T23:01:26.493Z</startDate>
<race>Hispanic or Latino</race>
<gender>Female</gender>
<lockedFromEws>False</lockedFromEws>
<reviewManagerId>4</reviewManagerId>
<departmentId>2</departmentId>
<managerId>4</managerId>
<locationId>2</locationId>
<ewsLogin>sand</ewsLogin>
<ewsPassword>sand</ewsPassword>
<jobTitle>Consultant</jobTitle>
<jobCode>Consulting</jobCode>
<salaryGrade>Level 1</salaryGrade>
<salary>5600</salary>
<payFrequency>Monthly</payFrequency>
<changePswdOnEwsLogin>False</changePswdOnEwsLogin>
<additionalEntities>
  <!--Zero or more repetitions:-->
  <item>
  </item>
</additionalEntities>
</bean>
</urn:updateEmployee>
</soapenv:Body>
</soapenv:Envelope>

```

Output: updateEmployeeResponse

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <updateEmployeeResponse xmlns="urn:TBEWebAPI"/>
  </soapenv:Body>
</soapenv:Envelope>

```

## ***upsertEmployee Element:***

Operation type: Request-response.

- The endpoint receives a message to upsert an existing employee record (create new and/or update existing), and sends a correlated message of the employee ID that has their data record/elements updated.



- Upsert is the universal create and update command for Taleo Business Edition API. When using upsertEmployee as create command, use all the field except for employeeID, When using upsertEmployee as update command, use all fields or fields will be defined NULL (same as updateEmployee).

Input: upsertEmployeeRequest

Data Field Name	Data Field Type	Required	Acceptable Values
sessionID	String	Yes	Session ID received at Login
employeeNumber	String	Yes	Defined Employee Number
bean	employeeBean[]	*	flexValues [] id * status * city address zipCode state country phone email firstName middleInitial lastName * cellPhone hiredDate startDate race gender lockedFromEws reviewManagerId departmentId managerId locationId ewsLogin * ewsPassword * jobTitle jobCode salaryGrade salary payFrequency changePswdOnEwsLogin additionalEntities []

Output: upsertEmployeeResponse

Data Field Name	Data Field Type	Required	Acceptable Values
upsertEmployeeReturn	Long		Employee ID

## upsertEmployee Test Case:

Input: upsertEmployeeRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:upsertEmployee>
      <sessionId>webapi7073868042459393355</sessionId>
      <bean>
        <flexValues>
          <!--Zero or more repetitions:-->
          <item>
            <fieldName>District</fieldName>
            <valueStr>Store1</valueStr>
          </item>
        </flexValues>
        <id>137</id>
        <status>Employed</status>
        <city>Seattle</city>
        <address>234 Sandra Ave</address>
        <zipCode>578937</zipCode>
        <state>US-WA</state>
        <country>United States</country>
        <phone>754-343-2323</phone>
        <employeeNumber>S-54896</employeeNumber>
        <email>sand298749874@invalidemail.com</email>
        <firstName>Sharon</firstName>
        <middleInitial>A</middleInitial>
        <lastName>Darrah</lastName>
        <cellPhone>230-234-5895</cellPhone>
        <hireDate>2009-06-30T23:01:26.493Z</hireDate>
        <startDate>2009-10-01T23:01:26.493Z</startDate>
        <race>Hispanic or Latino</race>
        <gender>Female</gender>
        <lockedFromEws>False</lockedFromEws>
        <reviewManagerId>4</reviewManagerId>
        <departmentId>2</departmentId>
        <managerId>4</managerId>
        <locationId>2</locationId>
        <ewsLogin>sand</ewsLogin>
        <ewsPassword>sand</ewsPassword>
        <jobTitle>Consultant</jobTitle>
        <jobCode>Consulting</jobCode>
        <salaryGrade>Level 1</salaryGrade>
        <salary>5600</salary>
        <payFrequency>Monthly</payFrequency>
        <changePswdOnEwsLogin>False</changePswdOnEwsLogin>
        <additionalEntities>
```

```

        <!--Zero or more repetitions:-->
        <item>
        </item>
    </additionalEntities>
</bean>
</urn:upsertEmployee>
</soapenv:Body>
</soapenv:Envelope>

```

Output: upsertEmployeeResponse

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
    <soapenv:Body>
        <upsertEmployeeResponse xmlns="urn:TBEWebAPI">
            <upsertEmployeeReturn xmlns="">137</upsertEmployeeReturn>
        </upsertEmployeeResponse>
    </soapenv:Body>
</soapenv:Envelope>

```

## Event API Calls

Events are calendar tasks stored within a specific entity of Taleo Business Edition. There is a one-to-many relationship with events to entities. Entities include accounts (ACCT), candidates (CAND), contacts (CTCT), employees (EMPL), requisitions (REQU) and users (WORK).

calendarEventBean Definition:

Data Field Name	Data Field Type	Required	Acceptable Values
id	long	Read Only	Account's unique server side ID. Can be obtained by searching the accounts' database or by creating a new account.
status	String	Yes	Account's Status from pick list
creator	String	Yes	Creator's login name
entityType	String	Yes	Type of related entity: ACCT = accounts CAND = candidates CTCT = contacts EMPL = employees REQU = requisitions WORK = users
entityId	long	Yes	ID of associated entity
location	String	No	Location of event
subject	String	Yes	Subject of event

isPrivate	Boolean	No	"Private event" flag True False
startDate	Date	Yes	Date and time of event begin
duration	long	Yes	Duration of event (in ms)
description	String	No	Description
participants	ParticipantBean[]	Yes	Array of events' participants
creationDate	Date	Read Only	Creation date
lastUpdated	Date	Read Only	Last updated date
flexValues	FlexFieldBean[]	No	Array of flexible (custom) field values

participantBean Definition:

Data Field Name	Data Field Type	Required	Acceptable Values
PersonId	long	Read Only	ID of person (user or contact)
PersonType	String	Yes	Type of person object: WORK=user, CTCT=contact. Use appropriate API to extract actual person object using person's ID
EventId	long	Yes	ID of event (interview, calendar event, or task)
EventType	String	Yes	Type of event object: INTV=interview, CLDEV=calendar event, TASK=task. Use appropriate API to extract actual event object using event's ID
StartDate	Date	No	Event's start date for given participant.
EndDate	Date	No	Event's end date for given participant.

flexFieldBean Definition:

Data Field Name	Data Field Type	Required	Acceptable Values
FieldName	String	Yes	Field name
StringValue	String	No	Value of Text, Email, URL, Pick list, or Text Area field. For Multiple Pick list use ' ' to separate values.
IntValue	int	No	Value of Integer field
DoubleValue	double	No	Value of Decimal or Currency field
BooleanValue	Boolean	No	Value of Check Box field
DateValue	Date	No	Value of Date field

### ***createEvent Element:***

Operation type: Request-response.

- The endpoint receives a message to create an event, and sends a correlated message of event ID.

Input: createEventRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	calendarEventBean[] participantBean []	*	flexValues [] status * creator description duration * entityId * entityType * isPrivate type location startDate * subject  participants [] endDate eventId * eventType * personId * personType * startDate

Output: createEventResponse

Data Field Name	Data Field Type	Required	Acceptable Values
createEventReturn	Long	Yes	Provided Event ID

createEvent Test Case:

Input: createEventRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:createEvent>
      <in0>webapi7774524514047942379</in0>
      <in1>
        <flexValues>
          <!--Zero or more repetitions:-->
        </flexValues>
        <status>New</status>
        <creator>skarim</creator>
        <description>Face to face Interview</description>
      </in1>
    </urn:createEvent>
  </soapenv:Body>
</soapenv:Envelope>
```

```

<duration>50000</duration>
<entityId>48</entityId>
<entityType>CAND</entityType>
<isPrivate>True</isPrivate>
<location>Meeting Room 1</location>
<participants>
  <!--Zero or more repetitions:-->
  <item>
    <endDate>2009-06-30T23:01:26.493Z</endDate>
    <eventType>CLDEV</eventType>
    <personId>7</personId>
    <personType>WORK</personType>
    <startDate>2009-06-30T23:01:26.493Z</startDate>
  </item>
</participants>
<startDate>2009-06-30T23:01:26.493Z</startDate>
<subject>Interview</subject>
</in1>
</urn:createEvent>
</soapenv:Body>
</soapenv:Envelope>

```

Output: createEventResponse

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <createEventResponse xmlns="urn:TBEWebAPI">
      <createEventReturn xmlns="">1</createEventReturn>
    </createEventResponse>
  </soapenv:Body>
</soapenv:Envelope>

```

## ***deleteEvent Element:***

Operation type: Request-response.

- The endpoint receives a message to delete an event instance, and sends a correlated message only if error occurred.

Input: deleteEventRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Event ID	Yes	ID of Event

Output: deleteEventResponse

Data Field Name	Data Field Type	Required	Acceptable Values
deleteEventReturn			

deleteEvent Test Case:

Input: deleteEventRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:deleteEvent>
      <in0>webapi5722630372091424901</in0>
      <in1>2</in1>
    </urn:deleteEvent>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: deleteEventResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <deleteEventResponse xmlns="urn:TBEWebAPI"/>
  </soapenv:Body>
</soapenv:Envelope>
```

## ***getEventByEntity Element:***

Operation type: Request-response.

- The endpoint receives a message to get event(s) associated with any Taleo Business Edition entity that supports storing/creation of calendar events, and sends back event IDs associated with the entity ID.

Input: getEventByEntityRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Long	Yes	Type of related entity: ACCT = accounts CAND = candidates EMPL = employees REQU = requisitions WORK = users



in2	Long	Yes	ID of associated entity
-----	------	-----	-------------------------

Output: getEventByEntityResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getEventByEntityReturn	array of event IDs		

#### getEventByEntity Test Case:

Input: getEventByEntityRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getEventByEntity>
      <in0>webapi7774524514047942379</in0>
      <in1>CAND</in1>
      <in2>48</in2>
    </urn:getEventByEntity>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: getEventByEntityResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getEventByEntityResponse xmlns="urn:TBEWebAPI">
      <getEventByEntityReturn xmlns="">
        <array>
          <item>1</item>
          <item>3</item>
          <item>7</item>
        </array>
      </getEventByEntityReturn>
    </getEventByEntityResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

### ***getEventByld Element:***

Operation type: Request-response.

- The endpoint receives a message to get event details by event ID, and sends a correlated message of event information.

Input: getEventByldRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Event ID	Yes	ID of Event Instance

Output: getEventByldResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getEventByldReturn	calendarEventBean []		

#### getEventByld Test Case:

Input: getEventByldRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getEventByld>
      <in0>webapi7774524514047942379</in0>
      <in1>1</in1>
    </urn:getEventByld>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: getEventByldResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getEventByldResponse xmlns="urn:TBEWebAPI">
      <getEventByldReturn xmlns="">
        <creationDate>2009-09-11T06:47:54.527Z</creationDate>
        <flexValues/>
        <id>1</id>
        <lastUpdated>2009-09-11T07:01:55.452Z</lastUpdated>
        <status>Created</status>
        <creator>skarim</creator>
        <description>Face to face Interview</description>
        <duration>7200000</duration>
        <entityId>48</entityId>
        <entityType>CAND</entityType>
        <isPrivate>true</isPrivate>
        <location>Meeting Room 1</location>
        <participants>
```

```

<item>
  <endDate>2009-06-30T02:00:00.000Z</endDate>
  <eventId>1</eventId>
  <eventType>CLDEV</eventType>
  <personId>7</personId>
  <personType>WORK</personType>
  <startDate>2009-06-30T00:00:00.000Z</startDate>
</item>
</participants>
<startDate>2009-06-30T00:00:00.000Z</startDate>
<subject>Interview</subject>
</getEventByIdReturn>
</getEventByIdResponse>
</soapenv:Body>
</soapenv:Envelope>

```

### ***getPublicEvents Element:***

Operation type: Request-response.

- The endpoint receives a message to get all public events within a start date and end date, and sends a correlated message array of event IDs.

Input: getPublicEventsRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	dateTime	Yes	Start of start date interval
in2	dateTime	Yes	End of start date interval

Output: getPublicEventsResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getPublicEventsReturn	array of Event IDs		

### getPublicEvents Test Case:

Input: getPublicEventsRequest

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getPublicEvents>
      <in0>webapi-6686750025617579220</in0>
      <in1>2007-06-30T00:00:00.000Z</in1>
    </urn:getPublicEvents>
  </soapenv:Body>
</soapenv:Envelope>

```

```

    <in2>2010-06-30T00:00:00.000Z</in2>
  </urn:getPublicEvents>
</soapenv:Body>
</soapenv:Envelope>

```

Output: getPublicEventsResponse

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getPublicEventsResponse xmlns="urn:TBEWebAPI">
      <getPublicEventsReturn xmlns="">
        <array/>
      </getPublicEventsReturn>
    </getPublicEventsResponse>
  </soapenv:Body>
</soapenv:Envelope>

```

### ***updateEvent Element:***

Operation type: Request-response.

- The endpoint receives a message to update an existing calendar event, and sends a correlated message only if error occurred.
- Please Note: Update requests replace all data fields in the calendarEventBean (i.e. data is not appended or upserted). Send all elements back or the field values will be returned NULL.

Input: updateEventRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	calendarEventBean[]	*	flexValues [] id * status * creator description duration * entityId * entityType * isPrivate type location startDate * subject  participants [] endDate eventId * eventType *

			personId * personType * startDate
--	--	--	---

Output: updateEventResponse

Data Field Name	Data Field Type	Required	Acceptable Values
updateEventReturn			

updateEvent Test Case:

Input: updateEventRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:updateEvent>
      <in0>webapi5722630372091424901</in0>
      <in1>
        <flexValues>
          <!--Zero or more repetitions:-->
        </flexValues>
        <id>7</id>
        <status>New</status>
        <creator>skarim</creator>
        <description>Face to face interview</description>
        <duration>500000</duration>
        <entityId>48</entityId>
        <entityType>CAND</entityType>
        <isPrivate>False</isPrivate>
        <location>Meeting Room A</location>
        <participants>
          <!--Zero or more repetitions:-->
          <item>
            <endDate>2009-06-30T02:00:00.000Z</endDate>
            <eventType>TASK</eventType>
            <personId>7</personId>
            <personType>WORK</personType>
            <startDate>2009-06-30T00:00:00.000ZZ</startDate>
          </item>
        </participants>
        <startDate>2009-06-30T00:00:00.000Z</startDate>
        <subject>Interview</subject>
      </in1>
    </urn:updateEvent>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: updateEventResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <updateEventResponse xmlns="urn:TBEWebAPI"/>
  </soapenv:Body>
</soapenv:Envelope>
```

## Interview API Calls

Interview Bean is where to find details regarding an interview associated with any candidate in Taleo Business Edition. Similar to background checks, there is a one-to-many relationship with interviews to candidates.

interviewBean Definition:

Data Field Name	Data Field Type	Required	Acceptable Values
Id (read-only)	long	Read Only	Account's unique server side ID. Can be obtained by searching the accounts' database or by creating a new account.
Status	String	Yes	Account's Status from pick list
CandidateId	long	Yes	ID of candidate
RequisitionId	long	Yes	ID of requisition
InterviewType	String	Yes	Interview type (from pick list)
StartDate	Date	Yes	Interview start date and time
InterviewRoom	String	No	Interview room (location)
Comments	String	No	Comments
Creator	String	No	Creator's login name
Participants	ParticipantBean[]	No	Array of events' participants
CreationDate (read-only)	Date	Read Only	Creation date
LastUpdated (read-only)	Date	Read Only	Last updated date
FlexValues	FlexFieldBean[]	No	Array of flexible (custom) field values

participantBean Definition:

Data Field Name	Data Field Type	Required	Acceptable Values
PersonId	long	Read Only	ID of person (user or contact)
PersonType	String	Yes	Type of person object: WORK=user, CTCT=contact. Use appropriate API to

			extract actual person object using person's ID
EventId	long	Yes	ID of event (interview, calendar event, or task)
EventType	String	Yes	Type of event object: INTV=interview, CLDEV=calendar event, TASK=task. Use appropriate API to extract actual event object using event's ID
StartDate	Date	No	Event's start date for given participant.
EndDate	Date	No	Event's end date for given participant.

flexFieldBean Definition:

Data Field Name	Data Field Type	Required	Acceptable Values
FieldName	String	Yes	Field name
StringValue	String	No	Value of Text, Email, URL, Pick list, or Text Area field. For Multiple Pick list use ' ' to separate values.
IntValue	int	No	Value of Integer field
DoubleValue	double	No	Value of Decimal or Currency field
BooleanValue	boolean	No	Value of Check Box field
DateValue	Date	No	Value of Date field

### ***createInterview Element:***

Operation type: Request-response.

- The endpoint receives a message to create an interview instance for a specific candidate, and sends a correlated message of interview ID.

Input: createInterviewRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	interviewBean [] participantBean []	*	flexValues [] status * candidateID * comments creator interviewRoom interviewType * requisitionID * startDate *  participants []

			endDate eventId eventType personId personType startDate
--	--	--	--

Output: createInterviewResponse

Data Field Name	Data Field Type	Required	Acceptable Values
createInterviewReturn	Long	Yes	Provided Interview ID

createInterview Test Case:

Input: createInterviewRequest

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:createInterview>
      <in0>webapi411835895647962205</in0>
      <in1>
        <flexValues>
          <!--Zero or more repetitions:-->
        </flexValues>
        <status>Phone Screen</status>
        <candidateId>48</candidateId>
        <comments>Direct Report</comments>
        <creator>skarim</creator>
        <interviewRoom>Whistler</interviewRoom>
        <interviewType>1st Interview</interviewType>
        <participants>
          <!--Zero or more repetitions:-->
          <item>
            <endDate>2009-06-30T23:01:26.493Z</endDate>
            <eventId>2</eventId>
            <eventType>TASK</eventType>
            <personId>7</personId>
            <personType>WORK</personType>
            <startDate>2009-06-30T23:01:26.493Z</startDate>
          </item>
        </participants>
        <requisitionId>13</requisitionId>
        <startDate>2009-06-30T23:01:26.493Z</startDate>
      </in1>
    </urn:createInterview>
  </soapenv:Body>
</soapenv:Envelope>

```



Output: createInterviewResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <createInterviewResponse xmlns="urn:TBEWebAPI">
      <createInterviewReturn xmlns="">2</createInterviewReturn>
    </createInterviewResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

### ***deleteInterview Element:***

Operation type: Request-response.

- The endpoint receives a message to delete an interview instance, and sends a correlated message only if error occurred.

Input: deleteInterviewRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Interview ID	Yes	ID of Interview

Output: deleteInterviewResponse

Data Field Name	Data Field Type	Required	Acceptable Values
deleteInterviewReturn			

### deleteInterview Test Case:

Input: deleteInterviewRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:deleteInterview>
      <in0>webapi411835895647962205</in0>
      <in1>2</in1>
    </urn:deleteInterview>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: deleteInterviewResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <deleteInterviewResponse xmlns="urn:TBEWebAPI"/>
  </soapenv:Body>
</soapenv:Envelope>
```

## ***getInterviewsByCandidate Element:***

Operation type: Request-response.

- The endpoint receives a message to get interview(s) associated with any Taleo Business Edition candidate, and sends back interview IDs associated for the candidate ID.

Input: getInterviewsByCandidateRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Long	Yes	ID of candidate

Output: getInterviewsByCandidateResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getInterviewsByCandidateReturn	array of interview IDs		

getInterviewsByCandidate Test Case:

Input: getInterviewsByCandidateRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getInterviewsByCandidate>
      <in0>webapi411835895647962205</in0>
      <in1>48</in1>
    </urn:getInterviewsByCandidate>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: getInterviewsByCandidateResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getInterviewsByCandidateResponse xmlns="urn:TBEWebAPI">
      <getInterviewsByCandidateReturn xmlns="">
        <array>
          <item>2</item>
          <item>1</item>
        </array>
      </getInterviewsByCandidateReturn>
    </getInterviewsByCandidateResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

### ***getInterviewByld Element:***

Operation type: Request-response.

- The endpoint receives a message to get interview details by interview ID, and sends a correlated message of interview information.

Input: getInterviewByldRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Interview ID	Yes	ID of Interview Instance

Output: getInterviewByldResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getInterviewByldReturn	interviewBean []		

### getInterviewByld Test Case:

Input: getInterviewByldRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getInterviewByld>
      <in0>webapi411835895647962205</in0>
      <in1>1</in1>
    </urn:getInterviewByld>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: getInterviewByIdResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getInterviewByIdResponse xmlns="urn:TBEWebAPI">
      <getInterviewByIdReturn xmlns="">
        <creationDate>2009-09-11T19:36:37.574Z</creationDate>
        <flexValues/>
        <id>1</id>
        <lastUpdated>2009-09-11T19:36:37.574Z</lastUpdated>
        <status>Feedback Pending</status>
        <candidateId>48</candidateId>
        <comments xsi:nil="true"/>
        <creator>skarim</creator>
        <interviewRoom xsi:nil="true"/>
        <interviewType>1st Interview</interviewType>
        <participants>
          <item>
            <endDate>2009-06-30T23:01:26.493Z</endDate>
            <eventId>1</eventId>
            <eventType>INTV</eventType>
            <personId>7</personId>
            <personType>WORK</personType>
            <startDate>2009-06-30T23:01:26.493Z</startDate>
          </item>
        </participants>
        <requisitionId>13</requisitionId>
        <startDate>2009-06-30T23:01:26.493Z</startDate>
      </getInterviewByIdReturn>
    </getInterviewByIdResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

## ***updateInterview Element:***

Operation type: Request-response.

- The endpoint receives a message to update an existing interview instance, and sends a correlated message only if error occurred.
- Please Note: Update requests replace all data fields in the interviewBean (i.e. data is not appended or upserted). Send all elements back or the field values will be returned NULL.

Input: updateInterviewRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login

in1	interviewBean[] participantBean []	*	flexValues [] id * status * candidateID * comments creator interviewRoom interviewType * requisitionID * startDate *  participants [] endDate eventId eventType personId personType startDate
-----	---------------------------------------	---	--

Output: updateInterviewResponse

Data Field Name	Data Field Type	Required	Acceptable Values
updateInterviewReturn			

#### updateInterview Test Case:

Input: updateInterviewRequest

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:updateInterview>
      <in0>webapi411835895647962205</in0>
      <in1>
        <flexValues>
          <!--Zero or more repetitions:-->
        </flexValues>
        <id>1</id>
        <status>Feedback Pending</status>
        <candidateId>48</candidateId>
        <comments>Direct Report</comments>
        <creator>skarim</creator>
        <interviewRoom>Whistler</interviewRoom>
        <interviewType>1st Interview</interviewType>
        <participants>
          <!--Zero or more repetitions:-->
          <item>
            <endDate>2009-06-30T23:01:26.493Z</endDate>
          </item>
        </participants>
      </in1>
    </urn:updateInterview>
  </soapenv:Body>
</soapenv:Envelope>

```

```

    <eventId>2</eventId>
    <eventType>TASK</eventType>
    <personId>7</personId>
    <personType>WORK</personType>
    <startDate>2009-06-30T23:01:26.493Z</startDate>
  </item>
</participants>
<requisitionId>13</requisitionId>
<startDate>2009-06-30T23:01:26.493Z</startDate>
</in1>
</urn:updateInterview>
</soapenv:Body>
</soapenv:Envelope>

```

Output: updateInterviewResponse

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <updateInterviewResponse xmlns="urn:TBEWebAPI"/>
  </soapenv:Body>
</soapenv:Envelope>

```

## Link API Calls

Links are what tie one entity attribute to another. For example, linking a candidate to a requisition, or an attachment to a candidate. Full list of entities include:

- Account = ACCT
- Candidate = CAND
- Contact = CTCT
- Requisition = REQU
- User = WORK

Where the following linkage is available:

- ACCT to REQU
- CTCT to REQU
- ACCT to CAND
- CTCT to CAND
- CAND to WORK

### ***createLink Element:***

Operation type: Request-response.

- The endpoint receives a message to Link an entity (by ID) to another entity (by ID) in Taleo Business Edition, and sends a correlated message only if error occurred.

Input: createLinkRequest

Data Field Name	Data Field Type	Required	Acceptable Values
sessionId	String	Yes	Session ID obtained at login
entityType1	String	Yes	entityType as provided in above list
entityId1	String	Yes	ID of entity type 1
entityType2	String	Yes	entityType as provided in above list
entityId2	String	Yes	ID of entity type 2

Output: createLinkResponse

Data Field Name	Data Field Type	Required	Acceptable Values
createLinkReturn			

#### Link Test Case:

Input: createLinkRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:createLink>
      <sessionId>webapi-8948403736913319968</sessionId>
      <entityType1>ACCT</entityType1>
      <entityId1>2</entityId1>
      <entityType2>REQU</entityType2>
      <entityId2>16</entityId2>
    </urn:createLink>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: createLinkResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <createLinkResponse xmlns="urn:TBEWebAPI"/>
  </soapenv:Body>
</soapenv:Envelope>
```

## ***removeLink Element:***

Operation type: Request-response.

- The endpoint receives a message to remove Linkage between two entities in Taleo Business Edition, and sends a correlated message only if error occurred.

Input: removeLinkRequest

Data Field Name	Data Field Type	Required	Acceptable Values
sessionID	String	Yes	Session ID obtained at login
entityType1	String	Yes	entityType as provided in above list
entityId1	String	Yes	ID of entity type 1
entityType2	String	Yes	entityType as provided in above list
entityId2	String	Yes	ID of entity type 2

Output: removeLinkResponse

Data Field Name	Data Field Type	Required	Acceptable Values
removeLinkReturn			

### Link Test Case:

Input: removeLinkRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:removeLink>
      <sessionID>webapi-8948403736913319968</sessionID>
      <entityType1>ACCT</entityType1>
      <entityId1>2</entityId1>
      <entityType2>REQU</entityType2>
      <entityId2>16</entityId2>
    </urn:removeLink>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: removeLinkResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
```



```
<removeLinkResponse xmlns="urn:TBEWebAPI"/>
</soapenv:Body>
</soapenv:Envelope>
```

## Location API Calls

Locations are office locations assigned within the system.

LocationBean Definition:

Data Field Name	Data Field Type	Required	Acceptable Values
locationId	Long	Read Only	Account's unique server side ID. Can be obtained by searching the accounts' database or by creating a new account.
locationName	String	Yes	Location name
defaultApprovers	long[]	No	Array of user ID's  **Allows you to identify which users are assigned for approvals to this Location
regionID	Long	No	ID of region
city	String	No	City name
address	String	No	Street portion of mailing address
zipCode	String	No	ZIP or postal code
state	String	No	State, region or province name from pick list
country	String	No	Country code from pick list
directions	String	No	Text of location directions
interviewRooms	String	No	Text of interview rooms where <item> array denotes new room
phone	String	No	Text of phone number
timeZone	String	No	Local User Time zone ID as derived from picklist: 'MIT' = GMT-11:00 'Pacific/Apia' = GMT-

			11:00 'Pacific/Honolulu' = GMT-10:00 'America/Anchorage' = GMT-08:00 'America/Los_Angeles' = GMT-07:00 'America/Denver' = GMT-06:00 'America/Phoenix' = GMT-07:00 'America/Tegucigalpa' = GMT-06:00 'America/Winnipeg' = GMT-05:00 'America/Mexico_City' = GMT-05:00 'America/Chicago' = GMT-05:00 'America/Costa_Rica' = GMT-06:00 'America/Indianapolis' = GMT-04:00 'America/New_York' = GMT-04:00 'America/Bogota' = GMT-05:00 'America/Montreal' = GMT-04:00 'America/Santiago' = GMT-04:00 'America/Caracas' = GMT-04:30 'America/Thule' = GMT- 03:00 'America/St_Johns' = GMT-02:30 'America/Buenos_Aires' = GMT-03:00 'America/Sao_Paulo' = GMT-03:00 'Atlantic/South_Georgia' = GMT-02:00 'Atlantic/Cape_Verde' = GMT-01:00 'Atlantic/Azores' = GMT-00:00 'Europe/Dublin' = GMT+01:00 'Africa/Casablanca' = GMT-00:00
--	--	--	--

			'Europe/Amsterdam' = GMT+02:00 'Europe/Belgrade' = GMT+02:00 'Europe/Brussels' = GMT+02:00 'Europe/Warsaw' = GMT+02:00 'Africa/Lagos' = GMT+01:00 'Europe/Athens' = GMT+03:00 'Europe/Bucharest' = GMT+03:00 'Africa/Cairo' = GMT+03:00 'Africa/Harare' = GMT+02:00 'Europe/Helsinki' = GMT+03:00 'Asia/Jerusalem' = GMT+03:00 'Asia/Baghdad' = GMT+03:00 'Asia/Kuwait' = GMT+03:00 'Europe/Moscow' = GMT+04:00 'Africa/Nairobi' = GMT+03:00 'Asia/Tehran' = GMT+04:30 'Asia/Dubai' = GMT+04:00 'Asia/Baku' = GMT+05:00 'Asia/Kabul' = GMT+04:30 'Asia/Yekaterinburg' = GMT+06:00 'Asia/Karachi' = GMT+06:00 'Asia/Calcutta' = GMT+05:30 'Asia/Katmandu' = GMT+05:45 'Asia/Almaty' = GMT+06:00 'Asia/Dhaka' = GMT+07:00 'Asia/Colombo' =
--	--	--	--

			GMT+05:30 'Asia/Rangoon' = GMT+06:30 'Asia/Bangkok' = GMT+07:00 'Asia/Krasnoyarsk' = GMT+08:00 'Asia/Hong_Kong' = GMT+08:00 'Asia/Irkutsk' = GMT+09:00 'Asia/Kuala_Lumpur' = GMT+08:00 'Australia/Perth' = GMT+08:00 'Asia/Taipei' = GMT+08:00 'Asia/Tokyo' = GMT+09:00 'Asia/Seoul' = GMT+09:00 'Asia/Yakutsk' = GMT+10:00 'Australia/Adelaide' = GMT+09:30 'Australia/Darwin' = GMT+09:30 'Australia/Brisbane' = GMT+10:00 'Australia/Sydney' = GMT+10:00 'Pacific/Guam' = GMT+10:00 'Australia/Hobart' = GMT+10:00 'Asia/Vladivostok' = GMT+11:00 'Asia/Magadan' = GMT+12:00 'Pacific/Auckland' = GMT+12:00 'Pacific/Fiji' = GMT+12:00 'Pacific/Tongatapu' = GMT+13:00
additionalProperties	map	No	Used for expansion calls
flexValues	FlexFieldBean[]	No	Array of flexible (custom) field values
creationDate	Date	Read Only	Creation date
lastUpdated	Date	Read Only	Last updated date

## ***createLocation Element:***

Operation type: Request-response.

- The endpoint receives a message to create a Location, and sends a correlated message of Location ID.

Input: createLocationRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	locationBean	*	locationName city address zipCode state country directions regionID timeZone interviewRooms phone defaultApprovers

Output: createLocationResponse

Data Field Name	Data Field Type	Required	Acceptable Values
createLocationReturn	Long	Yes	Provided Location ID

## createLocationTest Case:

Input: createLocationRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:createLocation>
      <sessionId>webapi-464745806681923416</sessionId>
      <bean>
        <city xmlns="">Los Angeles</city>
        <address xmlns="">1A James st</address>
        <zipCode xmlns="">92111</zipCode>
        <state xmlns="">CA</state>
        <country xmlns="">US</country>
        <directions xmlns="">Take the 101 until you find us</directions>
      </bean>
    </urn:createLocation>
  </soapenv:Body>
</soapenv:Envelope>
```

```

<locationName xmlns="">Los Angeles</locationName>
<regionId xmlns="">3</regionId>
<timeZone xmlns="">America/Los_Angeles</timeZone>
<interviewRooms xmlns="">
  <item>Mount Rainier</item>
  <item>Mount Adams</item>
  <item>Mount Baker</item>
</interviewRooms>
<defaultApprovers xmlns="">
  <item>8</item>
</defaultApprovers>
<phone>800-783-3789</phone>
</bean>
</urn:createLocation>
</soapenv:Body>
</soapenv:Envelope>

```

Output: createLocationResponse

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <createLocationResponse xmlns="urn:TBEWebAPI">
      <createLocationReturn>4</createLocationReturn>
    </createLocationResponse>
  </soapenv:Body>
</soapenv:Envelope>

```

## ***deleteLocation Element:***

Operation type: Request-response.

- The endpoint receives a message to delete a Location, and sends a correlated message only if error occurred.

Input: deleteLocationRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Location ID	Yes	ID of Location

Output: deleteLocationResponse

Data Field Name	Data Field Type	Required	Acceptable Values
deleteLocationReturn			

deleteLocation Test Case:

Input: deleteLocationRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:deleteLocation>
      <sessionId>webapi-464745806681923416</sessionId>
      <locationId>4</locationId>
    </urn:deleteLocation>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: deleteLocationResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <deleteLocationResponse xmlns="urn:TBEWebAPI"/>
  </soapenv:Body>
</soapenv:Envelope>
```

### ***getLocationById Element:***

Operation type: Request-response.

- The endpoint receives a message to get a Location details, and sends a correlated message of Location information.

Input: getLocationByIdRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Location ID	Yes	ID of Location

Output: getLocationByIdResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getLocationByIdReturn	LocationBean		

### getLocationById Test Case:

Input: getLocationByIdRequest

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

```

    <in0>webapi-464745806681923416</in0>
    <in1>3</in1>
  </urn:getLocationById>
</soapenv:Body>
</soapenv:Envelope>

```

Output: getLocationByIdResponse

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getLocationByIdResponse xmlns="urn:TBEWebAPI">
      <getLocationByIdReturn>
        <creationDate xsi:nil="true" xmlns=""/>
        <flexValues xmlns=""/>
        <id xmlns="">3</id>
        <lastUpdated xsi:nil="true" xmlns=""/>
        <status xsi:nil="true" xmlns=""/>
        <city xmlns="">Seattle</city>
        <address xmlns="">8979 Redwood Road</address>
        <zipCode xmlns="">98101</zipCode>
        <state xmlns="">WA</state>
        <country xmlns="">US</country>
        <additionalProperties xmlns="">
          <item xmlns:ns1="http://xml.apache.org/xml-soap">
            <key xsi:type="xsd:string">userRequisitionApproverIds</key>
            <value xsi:type="xsd:string">8,</value>
          </item>
        </additionalProperties>
        <directions xmlns="">From I-5 North,take the Seneca Street exit (exit 165) on the left.
Turn slight left onto Seneca Street. Turn left onto 5th Avenue. Turn left onto Marion
Street.</directions>
        <locationId xmlns="">3</locationId>
        <locationName xmlns="">Seattle Office</locationName>
        <regionId xmlns="">3</regionId>
        <timeZone xmlns="">America/Los_Angeles</timeZone>
        <interviewRooms xmlns="">
          <item>Mount Rainier</item>
          <item>Mount Adams</item>
          <item>Mount Baker</item>
        </interviewRooms>
        <defaultApprovers xmlns="">
          <item>8</item>
        </defaultApprovers>
        <phone>800-783-3789</phone>
      </getLocationByIdReturn>
    </getLocationByIdResponse>
  </soapenv:Body>
</soapenv:Envelope>

```



## ***getLocationByName Element:***

Operation type: Request-response.

- The endpoint receives a message to get a Location details, and sends a correlated message of Location information.

Input: getLocationByNameRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Location Name	Yes	Name of Location

Output: getLocationByNameResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getLocationByIdReturn	LocationBean		

### getLocationByName Test Case:

Input: getLocationByNameRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getLocationByName>
      <in0>webapi-464745806681923416</in0>
      <in1>Boston Office</in1>
    </urn:getLocationByName>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: getLocationByNameResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getLocationByNameResponse xmlns="urn:TBEWebAPI">
      <getLocationByNameReturn>
        <creationDate xsi:nil="true" xmlns=""/>
        <flexValues xmlns=""/>
        <id xmlns="">2</id>
        <lastUpdated xsi:nil="true" xmlns=""/>
        <status xsi:nil="true" xmlns=""/>
        <city xmlns="">Woburn</city>
      </getLocationByNameReturn>
    </getLocationByNameResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

```

<address xmlns="">45 Howard Street</address>
<zipCode xmlns="">01801</zipCode>
<state xmlns="">MA</state>
<country xmlns="">US</country>
<additionalProperties xmlns="">
  <item xmlns:ns1="http://xml.apache.org/xml-soap">
    <key xsi:type="xsd:string">userRequisitionApproverIds</key>
    <value xsi:type="xsd:string">2,</value>
  </item>
</additionalProperties>
<directions xmlns="">Please take the highway 93 to Route 128 south, exit
22</directions>
<locationId xmlns="">2</locationId>
<locationName xmlns="">Boston Office</locationName>
<regionId xmlns="">1</regionId>
<timeZone xmlns="">America/New_York</timeZone>
<interviewRooms xmlns="">
  <item>Patriots Room</item>
  <item>Red Sox Room</item>
  <item>Bruins Room</item>
  <item>Celtics Room</item>
</interviewRooms>
<defaultApprovers xmlns="">
  <item>2</item>
</defaultApprovers>
<phone>800-343-3423</phone>
</getLocationByNameReturn>
</getLocationByNameResponse>
</soapenv:Body>
</soapenv:Envelope>

```

## getLocation Element:

Operation type: Request-response.

- The endpoint receives a message to get all Locations and sends a correlated message of Location information. This functions similar to getLookUp Request.

Input: getLocationRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login

Output: getLocationResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getLocationReturn	LocationArray []		

### getLocations Test Case:

Input: getLocationsRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getLocations>
      <in0>webapi-464745806681923416</in0>
    </urn:getLocations>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: getLocationsResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getLocationsResponse xmlns="urn:TBEWebAPI">
      <getLocationsReturn>
        <array xmlns="">
          <item>
            <creationDate xsi:nil="true"/>
            <flexValues/>
            <id>3</id>
            <lastUpdated xsi:nil="true"/>
            <status xsi:nil="true"/>
            <city>Seattle</city>
            <address>8979 Redwood Road</address>
            <zipCode>98101</zipCode>
            <state>WA</state>
            <country>US</country>
            <additionalProperties>
              <item xmlns:ns1="http://xml.apache.org/xml-soap">
                <key xsi:type="xsd:string">userRequisitionApproverIds</key>
                <value xsi:type="xsd:string">8</value>
              </item>
            </additionalProperties>
            <directions>From I-5 North, take the Seneca Street exit (exit 165) on the left. Turn
slight left onto Seneca Street. Turn left onto 5th Avenue. Turn left onto Marion
Street.</directions>
            <locationId>3</locationId>
            <locationName>Seattle Office</locationName>
            <regionId>3</regionId>
            <timeZone>America/Los_Angeles</timeZone>
            <interviewRooms>
              <item>Mount Rainier</item>
              <item>Mount Adams</item>
              <item>Mount Baker</item>
```

```

    </interviewRooms>
    <defaultApprovers>
      <item>8</item>
    </defaultApprovers>
    <phone>800-783-3789</phone>
  </item>
  <item>
    <creationDate xsi:nil="true"/>
    <flexValues/>
    <id>2</id>
    <lastUpdated xsi:nil="true"/>
    <status xsi:nil="true"/>
    <city>Woburn</city>
    <address>45 Howard Street</address>
    <zipCode>01801</zipCode>
    <state>MA</state>
    <country>US</country>
    <additionalProperties>
      <item xmlns:ns2="http://xml.apache.org/xml-soap">
        <key xsi:type="xsd:string">userRequisitionApproverIds</key>
        <value xsi:type="xsd:string">2,</value>
      </item>
    </additionalProperties>
    <directions>Please take the highway 93 to Route 128 south, exit 22</directions>
    <locationId>2</locationId>
    <locationName>Boston Office</locationName>
    <regionId>1</regionId>
    <timeZone>America/New_York</timeZone>
    <interviewRooms>
      <item>Patriots Room</item>
      <item>Red Sox Room</item>
      <item>Bruins Room</item>
      <item>Celtics Room</item>
    </interviewRooms>
    <defaultApprovers>
      <item>2</item>
    </defaultApprovers>
    <phone>800-343-3423</phone>
  </item>
</array>
</getLocationsReturn>
</getLocationsResponse>
</soapenv:Body>
</soapenv:Envelope>

```

### ***upsertLocation Element:***

Operation type: Request-response.

- The endpoint receives a message to update or create a Location instance, and sends a correlated message only if error occurred.
- Please Note: Upsert is used to both create or update data within a specific Location. Using the Location ID AND Location Name attribute updates or replaces existing Location details.

Input: upsertLocationRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	LocationBean[]	*	locationName city address zipCode state country directions regionID timeZone interviewRooms phone defaultApprovers

Output: upsertLocationResponse

Data Field Name	Data Field Type	Required	Acceptable Values
upsertLocationReturn			

upsertLocationTest Case:

Input: upsertLocationRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:upsertLocation>
      <sessionId>webapi-464745806681923416</sessionId>
      <bean>
        <city>Los Angeles</city>
        <address>1A James st</address>
        <zipCode>92111</zipCode>
        <state>CA</state>
        <country>US</country>
        <directions>Take the 101 until you find us</directions>
        <locationName>Los Angeles</locationName>
      </bean>
    </urn:upsertLocation>
  </soapenv:Body>
</soapenv:Envelope>
```

```

<locationId>5</locationId>
<regionId>3</regionId>
<timeZone>America/Los_Angeles</timeZone>
<interviewRooms>
  <item>Hollywood</item>
</interviewRooms>
<defaultApprovers>
  <item>8</item>
</defaultApprovers>
<phone>800-783-3789</phone>
</bean>
</urn:upsertLocation>
</soapenv:Body>
</soapenv:Envelope>

```

Output: upsertLocationResponse

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <upsertLocationResponse xmlns="urn:TBEWebAPI">
      <upsertLocationReturn>5</upsertLocationReturn>
    </upsertLocationResponse>
  </soapenv:Body>
</soapenv:Envelope>

```

## Login API Calls

Login calls are all the information associated with an API users login details and session variables.

### *getUrl Element*

Operation type: Request-response.

- The endpoint receives a message to get URL of a company code, or customer instance, and sends a correlated message of URL.
- This call is always performed using URL: **https://tbe.taleo.net/MANAGER/dispatcher/servlet/rpcrouter** and requires a different Namespace: **urn:TBEDispatcherAPI** (vs. urn:TBEWebAPI)

Input: getURLRequest

Data Field Name	Data Field Type	Required	Acceptable Values
-----------------	-----------------	----------	-------------------

in0	String	Yes	Company Code of Taleo Customer
-----	--------	-----	--------------------------------

Output: getURLResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getURLReturn	String		URL

#### getURL Test Case:

Input: getURLRequest

```
<soapenv:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEDispatcherAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getURL soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">
      <orgCode xsi:type="xsd:string">TALEOSK</orgCode>
    </urn:getURL>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: getURLResponse

```
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <SOAP-ENV:Body>
    <ns1:getURLResponse SOAP-
ENV:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
xmlns:ns1="urn:TBEDispatcherAPI">
      <return xsi:type="xsd:string">https://tbe.taleo.net/NA12/ats/services/rpcrouter</return>
    </ns1:getURLResponse>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

### ***login Element:***

Operation type: Request-response.

- This and all subsequent calls are made using the URL returned by the getURL() method described above. This call returns session ID to be used in all subsequent calls to TBE Web API.
- The endpoint receives a message to login to the Taleo Business Edition API, and sends a correlated message of session ID.
- An existing user needs to be created within the application first, and then can be used with the Taleo Business Edition API.

- Please Note: login credentials used are subjected to the same user abilities within the application.

Input: loginRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Company Code
in1	String	Yes	User ID
in2	String	Yes	Password

Output: loginResponse

Data Field Name	Data Field Type	Required	Acceptable Values
loginReturn	String		Session ID

#### login Test Case:

Input: loginRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:login>
      <in0>ABC_COMPANY</in0>
      <in1>API_USER</in1>
      <in2>API_PASSWORD</in2>
    </urn:login>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: loginResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <loginResponse xmlns="urn:TBEWebAPI">
      <loginReturn xmlns="">webapi-7677111958344909818</loginReturn>
    </loginResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

### ***logout Element:***

Operation type: Request-response.



- The endpoint receives a message to logout of the Taleo Business Edition API, and sends a correlated message if error occurred.

Input: logoutRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID

Output: logoutResponse

Data Field Name	Data Field Type	Required	Acceptable Values
logoutReturn			Session ID

logout Test Case:

Input: logoutRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:logout>
      <in0>webapi-7677111958344909818</in0>
    </urn:logout>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: logoutResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <logoutResponse xmlns="urn:TBEWebAPI"/>
  </soapenv:Body>
</soapenv:Envelope>
```

## ***getLoginToken Element:***

Operation type: Request-response.

- The endpoint receives a message to retrieve the token results of a login session ID variable.

Input: getLoginTokenRequest

Data Field Name	Data Field Type	Required	Acceptable Values
-----------------	-----------------	----------	-------------------

in0	String	Yes	Session ID
-----	--------	-----	------------

Output: getLoginTokenResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getLoginTokenReturn	String		Login session ID

#### getLoginToken Test Case:

Input: getLoginTokenRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getLoginToken>
      <sessionId>webapi-7677111958344909818</sessionId>
    </urn:getLoginToken>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: getLoginTokenResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getLoginTokenResponse xmlns="urn:TBEWebAPI">
      <getLoginTokenReturn xmlns="">5Z0Xz_gyn8Qf6C-_rZ3_M_001f</getLoginTokenReturn>
    </getLoginTokenResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

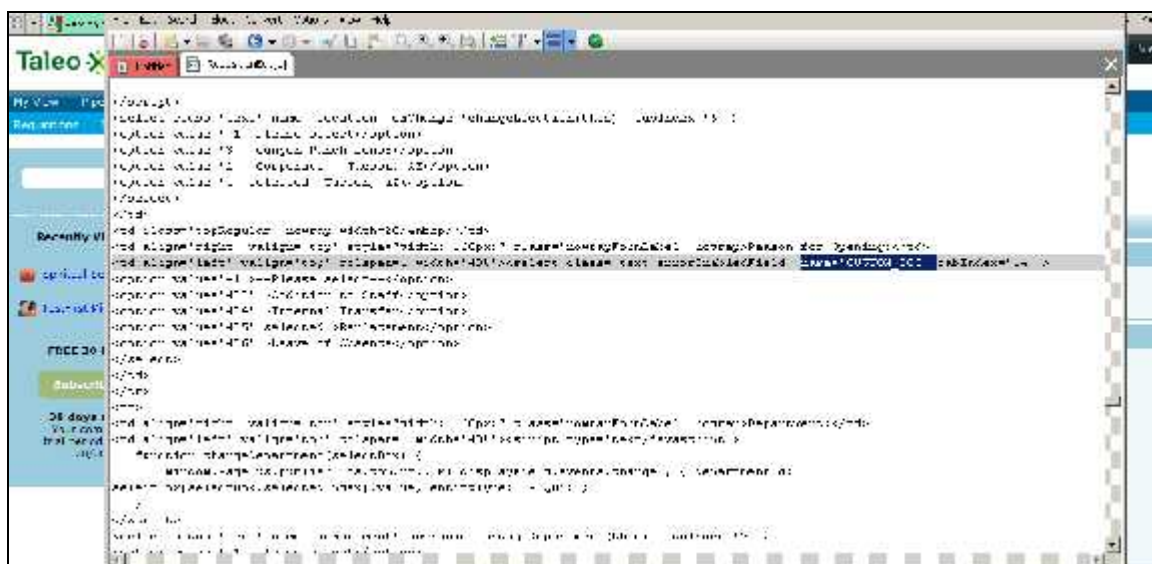
## Metadata / Picklist API Calls

Metadata and picklist fields are any field (standard or custom) that associate drop-down list of values for data consistency. These picklist values require exact replication to be associated with the specific call in Taleo Business Edition.

### ***getLookup Element:***

Operation type: Request-response.

- The endpoint receives a message to lookup picklist values for a given field, and sends a correlated message of field picklist values and integration codes (if used).
- **Please Note: Response for veteran, race, source, country and state field's list integrationCodes (API values defined within the GUI), however these codes cannot be used against alternative API calls – use only field values for the above mentioned fields when making appropriate createCandidate, updateCandidate, getCandidate calls.**
- **Please Note: getLookup 'fieldName' works for standard system fields solely. Where custom fields require lookup, getLookup call requires actual database field value. True database field value can be found by 'View Source' of the GUI page displaying the appropriate field:**



Input: getLookupRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID
in1	String	Yes	fieldName

Output: getLookupResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getLookupReturn			array of fieldname values (display name and integration code name).

getLookup Test Case:

Input: getLookupRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getLookup>
      <in0>webapi-6686750025617579220</in0>
      <in1>race</in1>
    </urn:getLookup>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: getLookupResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getLookupResponse xmlns="urn:TBEWebAPI">
      <getLookupReturn xmlns="">
        <array>
          <item>
            <displayName>Hispanic or Latino</displayName>
            <integrationCode>HISP</integrationCode>
          </item>
          <item>
            <displayName>White (not Hispanic or Latino)</displayName>
            <integrationCode>WHIT</integrationCode>
          </item>
          <item>
            <displayName>Black or African American (not Hispanic or Latino)</displayName>
            <integrationCode>BLCK</integrationCode>
          </item>
          <item>
            <displayName>Native Hawaiian or Other Pacific Islander</displayName>
            <integrationCode>PACF</integrationCode>
          </item>
          <item>
            <displayName>Asian (not Hispanic or Latino)</displayName>
            <integrationCode>ASIN</integrationCode>
          </item>
          <item>
            <displayName>American Indian or Alaska Native</displayName>
            <integrationCode>INDI</integrationCode>
          </item>
          <item>
            <displayName>Two or More Races (not Hispanic or Latino)</displayName>
            <integrationCode>MULT</integrationCode>
          </item>
        </array>
      </getLookupReturn>
    </getLookupResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

```

</item>
<item>
  <displayName>Choose Not to Disclose</displayName>
  <integrationCode>NDIS</integrationCode>
</item>
</array>
</getLookupReturn>
</getLookupResponse>
</soapenv:Body>
</soapenv:Envelope>

```

### ***getMetadata Element:***

Operation type: Request-response.

- The endpoint receives a message to retrieve all field values within an entity, and sends a correlated message of all fields within the entity including:
  - displayName (application field name)
  - integrationName (API / external field name)
  - isCustom (whether the field is a standard or custom field in TBE)
  - isReadOnly (whether the field is writable or read-only)
  - isRequired (whether the field is application-required for data entry)
  - type (the type of field defined)

Input: getMetadataRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID
in1	String	Yes	Type of related entity: ACCT = accounts CAND = candidates CTCT = contacts EMPL = employees REQU = requisitions WORK = users

Output: getMetadataResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getMetadataReturn			Array of fieldname values (display name and integration code name).

### getMetadata Test Case:

Input: getMetadataRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getMetadata>
      <in0>webapi-301034357717673686</in0>
      <in1>CAND</in1>
    </urn:getMetadata>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: getMetadataResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getMetadataResponse xmlns="urn:TBEWebAPI">
      <getMetadataReturn xmlns="">
        <array>
          <item>
            <item>
              <displayName>Current Salary</displayName>
              <integrationName>Current Salary</integrationName>
              <isCustom>true</isCustom>
              <isReadOnly>false</isReadOnly>
              <isRequired>false</isRequired>
              <type>FieldCurrency</type>
            </item>
            <item>
              <displayName>Current User Department</displayName>
              <integrationName>currUserDept</integrationName>
              <isCustom>false</isCustom>
              <isReadOnly>true</isReadOnly>
              <isRequired>false</isRequired>
              <type>CurrUserDepartment</type>
            </item>
            <item>
              <displayName>Last updated</displayName>
              <integrationName>lastUpdated</integrationName>
              <isCustom>false</isCustom>
              <isReadOnly>true</isReadOnly>
              <isRequired>false</isRequired>
              <type>FieldDateLong</type>
            </item>
            <item>
              <displayName>Mobile #</displayName>
              <integrationName>cellPhone</integrationName>
              <isCustom>false</isCustom>
              <isReadOnly>false</isReadOnly>
            </item>
          </array>
        </getMetadataReturn>
      </getMetadataResponse>
    </soapenv:Body>
  </soapenv:Envelope>
```

```

        <isRequired>false</isRequired>
        <type>FieldPhone</type>
    </item>
    <item>
        <displayName>Work Authorization</displayName>
        <integrationName>legalStatus</integrationName>
        <isCustom>false</isCustom>
        <isReadOnly>false</isReadOnly>
        <isRequired>false</isRequired>
        <type>FieldSingleList</type>
    </item>
    <item>
        <displayName>ZIP/Postal code</displayName>
        <integrationName>zipCode</integrationName>
        <isCustom>false</isCustom>
        <isReadOnly>false</isReadOnly>
        <isRequired>false</isRequired>
        <type>FieldTextLang</type>
    </item>
</array>
</getMetadataReturn>
</getMetadataResponse>
</soapenv:Body>
</soapenv:Envelope>

```

## Offer API Calls

Offers are details and original offer letters associated with any candidate in Taleo Business Edition. Similar to background checks, there is a one-to-many relationship with references to candidates.

offerBean Definition:

Data Field Name	Data Field Type	Required	Acceptable Values
id	long	Read Only	Offer's unique server side ID. Can be obtained enumerating offers for particular candidate or by creating a new offer.
status	String	Yes	Offer's Status from pick list
manager	String	Yes	Login name of offer's manager
candidateId	long	Yes	Id of candidate related to this offer
requisitioned	long	Yes	Id of requisition related to this offer
creator	String	Read Only	Login name of user who has created this offer
title	String	Yes	Title of position offered
employmentType	String	Yes	Type of employment (from pick list) offered

payRate	String	No	Pay rate (free text) offered
stockOptions	String	No	Stock options (free text) offered
startDate	Date	No	Date when employment will start
expirationDate	Date	No	Date when offer will expire
offerFileName	String	Read Only	Binary offer file name
creationDate	Date	Read Only	Creation date
lastUpdated	Date	Read Only	Last updated date
flexValues	FlexFieldBean[]	No	Array of flexible (custom) field values

flexFieldBean Definition:

Data Field Name	Data Field Type	Required	Acceptable Values
FieldName	String	Yes	Field name
StringValue	String	No	Value of Text, Email, URL, Pick list, or Text Area field. For Multiple Pick list use ' ' to separate values.
IntValue	int	No	Value of Integer field
DoubleValue	double	No	Value of Decimal or Currency field
BooleanValue	boolean	No	Value of Check Box field
DateValue	Date	No	Value of Date field

### ***createOffer Element:***

Operation type: Request-response.

- The endpoint receives a message to create an offer for a specific candidate, and sends a correlated message of offer ID.

Input: createOfferRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	offerBean []	*	flexValues [] status * candidateId * employmentType * expirationDate manager * offerFileName payRate requisitionId * startDate stockOptions title *

Output: createOfferResponse



Data Field Name	Data Field Type	Required	Acceptable Values
createOfferReturn	Long	Yes	Provided Offer ID

#### createOffer Test Case:

Input: createOfferRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:createOffer>
      <in0>webapi411835895647962205</in0>
      <in1>
        <flexValues>
          <!--Zero or more repetitions:-->
        </flexValues>
        <status>New</status>
        <candidateId>48</candidateId>
        <employmentType>Full time</employmentType>
        <expirationDate>2010-06-30T23:01:26.493Z</expirationDate>
        <manager>skarim</manager>
        <offerFileName>test1.docx</offerFileName>
        <payRate>50000</payRate>
        <requisitionId>13</requisitionId>
        <startDate>2009-06-30T23:01:26.493Z</startDate>
        <stockOptions>True</stockOptions>
        <title>Offer Business Development</title>
      </in1>
    </urn:createOffer>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: createOfferResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <createOfferResponse xmlns="urn:TBEWebAPI">
      <createOfferReturn xmlns="">1</createOfferReturn>
    </createOfferResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

## ***deleteOffer Element:***

Operation type: Request-response.

- The endpoint receives a message to delete an offer instance, and sends a correlated message only if error occurred.

Input: deleteOfferRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Offer ID	Yes	ID of Offer

Output: deleteOfferResponse

Data Field Name	Data Field Type	Required	Acceptable Values
deleteOfferReturn			

### deleteOffer Test Case:

Input: deleteOfferRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:deleteOffer>
      <in0>webapi8016094028063300532</in0>
      <in1>4</in1>
    </urn:deleteOffer>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: deleteOfferResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <deleteOfferResponse xmlns="urn:TBEWebAPI"/>
  </soapenv:Body>
</soapenv:Envelope>
```

## ***getBinaryOffer Element:***

Operation type: Request-response.

- The endpoint receives a message to get the offer letter binary attachment associated with a candidate (based on offer ID), and sends back the resume binary offer letter data.

Input: getBinaryOfferRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Long	Yes	ID of offer instance

Output: getBinaryResumeResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getBinaryOfferReturn	base64Binary []		

Input: getBinaryOfferRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn: getBinaryOffer>
      <in0>webapi1673199911353581754</in0>
      <in1>41</in1>
    </urn: getBinaryOffer>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: getBinaryOfferResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    < getBinaryOfferResponse xmlns="urn:TBEWebAPI">
      < getBinaryOfferReturn xmlns="">
        <array>UESDBBQABgAIAAAAIQAwySgMcgEAAKUFAAATA ==</array>
      </ getBinaryOfferReturn>
    </ getBinaryOfferResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

## getOfferByID

Operation type: Request-response.

- The endpoint receives a message to get offer details by offer ID, and sends a correlated message of offer information.

Input: getOfferByldRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Offer ID	Yes	ID of Offer Instance

Output: getOfferByldResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getOfferByldReturn	referenceBean []		

getOfferByld Test Case:

Input: getOfferByldRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getOfferByld>
      <in0>webapi8016094028063300532</in0>
      <in1>3</in1>
    </urn:getOfferByld>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: getOfferByldResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getOfferByldResponse xmlns="urn:TBEWebAPI">
      <getOfferByldReturn xmlns="">
        <creationDate>2009-09-11T21:01:22.793Z</creationDate>
        <flexValues/>
        <id>3</id>
        <lastUpdated>2009-09-11T23:33:39.087Z</lastUpdated>
        <status>Draft</status>
        <candidateId>48</candidateId>
        <creator>skarim</creator>
        <employmentType>FULLTIME</employmentType>
        <expirationDate>2010-06-30T00:00:00.000Z</expirationDate>
        <manager>skarim</manager>
        <offerFileName>offer_3.rtf</offerFileName>
        <payRate>50000</payRate>
        <requisitionId>13</requisitionId>
        <startDate>2009-06-30T00:00:00.000Z</startDate>
        <stockOptions>True</stockOptions>
      </getOfferByldReturn>
    </getOfferByldResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

```

<title>Offer Business Development</title>
</getOfferByIdReturn>
</getOfferByIdResponse>
</soapenv:Body>
</soapenv:Envelope>

```

## ***getOffers Element:***

Operation type: Request-response.

- The endpoint receives a message to get offer(s) associated with any Taleo Business Edition candidate, and sends back offer IDs associated with the candidate ID.

Input: getOffersRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Long	Yes	ID of candidate

Output: getOffersResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getOffersReturn	array of offer IDs		

### getOffers Test Case:

Input: getOffersRequest

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getOffers>
      <in0>webapi8016094028063300532</in0>
      <in1>48</in1>
    </urn:getOffers>
  </soapenv:Body>
</soapenv:Envelope>

```

Output: getOffersResponse

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getOffersResponse xmlns="urn:TBEWebAPI">

```

```
<getOffersReturn xmlns="">
  <array>
    <item>3</item>
    <item>2</item>
    <item>1</item>
  </array>
</getOffersReturn>
</getOffersResponse>
</soapenv:Body>
</soapenv:Envelope>
```

## setBinaryOffer

Operation type: Request-response.

- The endpoint receives a message to append an offer letter attachment by offer ID, and sends a correlated message only if error occurred.

Input: setBinaryOfferRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Offer ID	Yes	ID of Offer Instance
in2	String	Yes	Filename of binary file with defined file extension. The following MIME types are acceptable: Text = text/plain html = text/html RTF = text/richtext Word = application/msword DocX = application/vnd.openxmlformats-officedocument.wordprocessingml.document PDF = application/pdf
in3	ByteArr	Yes	base64Binary []

Output: setBinaryOfferResponse

Data Field Name	Data Field Type	Required	Acceptable Values
setBinaryOfferReturn			

setBinaryOffer Test Case:

Input: setBinaryOfferRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:setBinaryOffer>
      <in0>webapi8016094028063300532</in0>
      <in1>2</in1>
      <in2>offer_letter.doc</in2>
      <in3>
        <array>e1xydGYxXGFuc2lcYW5zaWNwZzEyNTJcdWMxIFxkZWZmM==</array>
      </in3>
    </urn:setBinaryOffer>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: setBinaryOfferResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <setBinaryOfferResponse xmlns="urn:TBEWebAPI"/>
  </soapenv:Body>
</soapenv:Envelope>
```

## updateOffer Element:

Operation type: Request-response.

- The endpoint receives a message to update an existing offer instance, and sends a correlated message only if error occurred.
- Please Note: Update requests replace all data fields in the offerBean (i.e. data is not appended or upserted). Send all elements back or the field values will be returned NULL.

Input: updateOfferRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	offerBean[]	*	flexValues [] id * status * candidateId * creator employmentType expirationDate manager * offerFileName

			payRate requisitionId * startDate stockOptions title *
--	--	--	--

Output: updateOfferResponse

Data Field Name	Data Field Type	Required	Acceptable Values
updateOfferReturn			

#### updateOffer Test Case:

Input: updateOfferRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:updateOffer>
      <in0>webapi-5084000498747541653</in0>
      <in1>
        <flexValues>
          <!--Zero or more repetitions:-->
        </flexValues>
        <id>1</id>
        <status>Draft</status>
        <candidateId>48</candidateId>
        <creator>destey</creator>
        <employmentType>Full time</employmentType>
        <expirationDate>2010-06-30T23:01:26.493Z</expirationDate>
        <manager>skarim</manager>
        <offerFileName>test1.docx</offerFileName>
        <payRate>75000</payRate>
        <requisitionId>13</requisitionId>
        <startDate>2009-06-30T23:01:26.493Z</startDate>
        <stockOptions>True</stockOptions>
        <title>Bus Dev Manager</title>
      </in1>
    </urn:updateOffer>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: updateOfferResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
```





```
<updateOfferResponse xmlns="urn:TBEWebAPI"/>
</soapenv:Body>
</soapenv:Envelope>
```

## Reference API Calls

References are personal references associated with any candidate in Taleo Business Edition. Similar to background checks, there is a one-to-many relationship with references to candidates.

referenceBean Definition:

Data Field Name	Data Field Type	Required	Acceptable Values
id	long	Read Only	Account's unique server side ID. Can be obtained by searching the accounts' database or by creating a new account.
status	String	Yes	Account's Status from pick list
creator	String	No	Creator's login name
candidateId	long	Yes	ID of candidate
refName	String	Yes	Reference's name
refPhone	String	No	Reference's phone
refEmail	String	No	Reference's email
refTitle	String	No	Reference's title
employer	String	No	Employer's name
relToCandidate	String	No	Relation to candidate
comments	String	No	Comments
creationDate	Date	Read Only	Creation date
lastUpdated	Date	Read Only	Last updated date
flexValues	FlexFieldBean[]	No	Array of flexible (custom) field values

flexFieldBean Definition:

Data Field Name	Data Field Type	Required	Acceptable Values
FieldName	String	Yes	Field name
StringValue	String	No	Value of Text, Email, URL, Pick list, or Text Area field. For Multiple Pick list use ' ' to separate values.
IntValue	int	No	Value of Integer field
DoubleValue	double	No	Value of Decimal or Currency field
BooleanValue	boolean	No	Value of Check Box field
DateValue	Date	No	Value of Date field

## ***createReference Element:***

Operation type: Request-response.

- The endpoint receives a message to create a reference for a specific candidate, and sends a correlated message of reference ID.

Input: createReferenceRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	referenceBean []	*	flexValues [] status * candidateId * comments creator employer refEmail refName * refPhone refTitle relToCandidate

Output: createReferenceResponse

Data Field Name	Data Field Type	Required	Acceptable Values
createReferenceReturn	Long	Yes	Provided Reference ID

### createReference Test Case:

Input: createReferenceRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:createReference>
      <in0>webapi411835895647962205</in0>
      <in1>
        <flexValues>
          <!--Zero or more repetitions:-->
        </flexValues>
        <status>New</status>
        <candidateId>48</candidateId>
        <comments>Candidate's major strength is selling and buying</comments>
        <creator>skarim</creator>
        <employer>Nordstroms</employer>
        <refEmail>store@nordstroms.com</refEmail>
      </in1>
    </urn:createReference>
  </soapenv:Body>
</soapenv:Envelope>
```

```

        <refName>Sally Store</refName>
        <refPhone>948-234-4958</refPhone>
        <refTitle>Manager</refTitle>
        <relToCandidate>Direct Manager</relToCandidate>
    </in1>
</urn:createReference>
</soapenv:Body>
</soapenv:Envelope>

```

Output: createReferenceResponse

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
    <soapenv:Body>
        <createReferenceResponse xmlns="urn:TBEWebAPI">
            <createReferenceReturn xmlns="">1</createReferenceReturn>
        </createReferenceResponse>
    </soapenv:Body>
</soapenv:Envelope>

```

## ***deleteReference Element:***

Operation type: Request-response.

- The endpoint receives a message to delete a reference instance, and sends a correlated message only if error occurred.

Input: deleteReferenceRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Reference ID	Yes	ID of Reference

Output: deleteReferenceResponse

Data Field Name	Data Field Type	Required	Acceptable Values
deleteReferenceReturn			

### deleteReference Test Case:

Input: deleteReferenceRequest

```

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

```

```
<soapenv:Body>
  <urn:deleteReference>
    <in0>webapi411835895647962205</in0>
    <in1>3</in1>
  </urn:deleteReference>
</soapenv:Body>
</soapenv:Envelope>
Output: deleteReferenceResponse
```

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <deleteReferenceResponse xmlns="urn:TBEWebAPI"/>
  </soapenv:Body>
</soapenv:Envelope>
```

### ***getReferencesByCandidate Element:***

Operation type: Request-response.

- The endpoint receives a message to get reference(s) associated with any Taleo Business Edition candidate, and sends back reference IDs associated with the candidate ID.

Input: getReferencesByCandidateRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Long	Yes	ID of candidate

Output: getReferencesByCandidateResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getReferencesByCandidateReturn	array of reference IDs		

### **getReferencesByCandidate Test Case:**

Input: getReferencesByCandidateRequest

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

```
<in0>webapi411835895647962205</in0>
<in1>48</in1>
</urn:getReferencesByCandidate>
</soapenv:Body>
</soapenv:Envelope>
```

Output: getReferencesByCandidateResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getReferencesByCandidateResponse xmlns="urn:TBEWebAPI">
      <getReferencesByCandidateReturn xmlns="">
        <array>
          <item>2</item>
          <item>1</item>
        </array>
      </getReferencesByCandidateReturn>
    </getReferencesByCandidateResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

### ***getReferenceById Element:***

Operation type: Request-response.

- The endpoint receives a message to get reference details by reference ID, and sends a correlated message of reference information.

Input: getReferenceByIdRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Reference ID	Yes	ID of Reference Instance

Output: getReferenceByIdResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getReferenceByIdReturn	referenceBean []		

### getReferenceById Test Case:

Input: getReferenceByIdRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getReferenceByld>
      <in0>webapi411835895647962205</in0>
      <in1>1</in1>
    </urn:getReferenceByld>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: getReferenceByldResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getReferenceByldResponse xmlns="urn:TBEWebAPI">
      <getReferenceByldReturn xmlns="">
        <creationDate>2009-09-11T17:17:07.015Z</creationDate>
        <flexValues/>
        <id>1</id>
        <lastUpdated>2009-09-11T17:17:07.015Z</lastUpdated>
        <status>Submitted</status>
        <candidateId>48</candidateId>
        <comments>Candidate's major strengths are selling and buying</comments>
        <creator>skarim</creator>
        <employer>Nordstroms</employer>
        <refEmail>store@nordstroms.com</refEmail>
        <refName>Sally Store</refName>
        <refPhone>948-234-4958</refPhone>
        <refTitle>Manager</refTitle>
        <relToCandidate>Direct Manager</relToCandidate>
      </getReferenceByldReturn>
    </getReferenceByldResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

## ***updateReference Element:***

Operation type: Request-response.

- The endpoint receives a message to update an existing reference instance, and sends a correlated message only if error occurred.
- Please Note: Update requests replace all data fields in the referenceBean (i.e. data is not appended or upserted). Send all elements back or the field values will be returned NULL.

Input: updateReferenceRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	referenceBean[]	*	flexValues [] id * status * candidateId * comments creator employer refEmail refName * refPhone refTitle relToCandidate

Output: updateReferenceResponse

Data Field Name	Data Field Type	Required	Acceptable Values
updateReferenceReturn			

#### updateReference Test Case:

Input: updateReferenceRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:updateReference>
      <in0>webapi411835895647962205</in0>
      <in1>
        <flexValues>
          <!--Zero or more repetitions-->
        </flexValues>
        <id>2</id>
        <status>Submitted</status>
        <candidateId>48</candidateId>
        <comments>Reference Completed - candidate successful</comments>
        <creator>skarim</creator>
        <employer>Nordstroms</employer>
        <refEmail>JasonNord@Nordstroms.com</refEmail>
        <refName>Jason Nord</refName>
        <refPhone>829-239-2394</refPhone>
        <refTitle>Director</refTitle>
        <relToCandidate>Manager's manager</relToCandidate>
      </in1>
    </urn:updateReference>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: updateReferenceResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <updateReferenceResponse xmlns="urn:TBEWebAPI"/>
  </soapenv:Body>
</soapenv:Envelope>
```

## Region API Calls

Regions are groupings either allocated to locations or to departments. This provides grouping access for user's vs single department/location permissions.

regionBean Definition:

Data Field Name	Data Field Type	Required	Acceptable Values
regionId	Long	Read Only	Account's unique server side ID. Can be obtained by searching the accounts' database or by creating a new account.
regionName	String	Yes	region name
defaultApprovers	Long[]	No	Array of user ID's  **Allows you to identify which users are assigned for approvals to this region
associatedUsers	Long[]	No	Array of user ID's  **Allows you to identify which users will be assigned to this region
associatedLocations	Long[]	No	Array of location Names  **Allows you to identify which locations are assigned



			to this region
additionalProperties	Map	No	Used for expansion calls
creationDate	Date	Read Only	Creation date
lastUpdated	Date	Read Only	Last updated date

### ***createRegion Element:***

Operation type: Request-response.

- The endpoint receives a message to create a Region, and sends a correlated message of Region ID.

Input: createRegionRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	RegionBean	*	AdditionalProperties[] regionName associatedLocations associatedUsers defaultApprovers

Output: createRegionResponse

Data Field Name	Data Field Type	Required	Acceptable Values
createRegionReturn	Long	Yes	Provided Region ID

### createRegionTest Case:

Input: createRegionRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:createRegion>
      <in0>webapi-464745806681923416</in0>
      <in1>
        <regionName xmlns="">Northwest</regionName>
        <associatedLocations xmlns="">
          <item>San Francisco</item>
          <item>Seattle Office</item>
        </associatedLocations>
        <associatedUsers xmlns="">
          <item>3</item>
          <item>9</item>
        </associatedUsers>
      </in1>
    </urn:createRegion>
  </soapenv:Body>
</soapenv:Envelope>
```

```

        <item>10</item>
        <item>15</item>
        <item>28</item>
      </associatedUsers>
      <defaultApprovers xmlns="">
        <item>3</item>
        <item>28</item>
        <item>15</item>
        <item>10</item>
        <item>9</item>
      </defaultApprovers>
    </in1>
  </urn:createRegion>
</soapenv:Body>
</soapenv:Envelope>

```

Output: createRegionResponse

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <createRegionResponse xmlns="urn:TBEWebAPI">
      <createRegionReturn>6</createRegionReturn>
    </createRegionResponse>
  </soapenv:Body>
</soapenv:Envelope>

```

### ***deleteRegion Element:***

Operation type: Request-response.

- The endpoint receives a message to delete a Region, and sends a correlated message only if error occurred.

Input: deleteRegionRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Region ID	Yes	ID of Region

Output: deleteRegionResponse

Data Field Name	Data Field Type	Required	Acceptable Values
deleteRegionReturn			

deleteRegion Test Case:

Input: deleteRegionRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:deleteRegion>
      <in0>webapi-464745806681923416</in0>
      <regionId>6</regionId>
    </urn:deleteRegion>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: deleteRegionResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <deleteRegionResponse xmlns="urn:TBEWebAPI"/>
  </soapenv:Body>
</soapenv:Envelope>
```

### ***getRegionByld Element:***

Operation type: Request-response.

- The endpoint receives a message to get a Region details, and sends a correlated message of Region information.

Input: getRegionByldRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Region ID	Yes	ID of Region

Output: getRegionByldResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getRegionByldReturn	RegionBean		

### getRegionByld Test Case:

Input: getRegionByldRequest

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

```
<urn:getRegionById>
  <in0>webapi-464745806681923416</in0>
  <in1>6</in1>
</urn:getRegionById>
</soapenv:Body>
</soapenv:Envelope>
```

Output: getRegionByIdResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getRegionByIdResponse xmlns="urn:TBEWebAPI">
      <getRegionByIdReturn>
        <additionalProperties xmlns="">
          <item xmlns:ns1="http://xml.apache.org/xml-soap">
            <key xsi:type="xsd:string">userRequisitionApproverIds</key>
            <value xsi:type="xsd:string">3,28,15,10,9</value>
          </item>
        </additionalProperties>
        <creationDate xmlns="">2011-08-22T04:29:53.504Z</creationDate>
        <lastUpdated xmlns="">2011-08-22T04:29:53.504Z</lastUpdated>
        <regionId xmlns="">6</regionId>
        <regionName xmlns="">Northwest</regionName>
        <associatedLocations xmlns="">
          <item>San Francisco</item>
          <item>Seattle Office</item>
        </associatedLocations>
        <associatedUsers xmlns="">
          <item>3</item>
          <item>9</item>
        </associatedUsers>
        <defaultApprovers xmlns="">
          <item>3</item>
          <item>28</item>
        </defaultApprovers>
      </getRegionByIdReturn>
    </getRegionByIdResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

### ***getRegionByName Element:***

Operation type: Request-response.

- The endpoint receives a message to get a Region details, and sends a correlated message of Region information.

Input: getRegionByNameRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Region Name	Yes	Name of Region

Output: getRegionByNameResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getRegionByIdReturn	RegionBean		

#### getRegionByName Test Case:

Input: getRegionByNameRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getRegionByName>
      <in0>webapi-464745806681923416</in0>
      <in1>West</in1>
    </urn:getRegionByName>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: getRegionByNameResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getRegionByNameResponse xmlns="urn:TBEWebAPI">
      <getRegionByNameReturn>
        <additionalProperties xmlns="">
          <item xmlns:ns1="http://xml.apache.org/xml-soap">
            <key xsi:type="xsd:string">userRequisitionApproverIds</key>
            <value xsi:type="xsd:string"/>
          </item>
        </additionalProperties>
        <creationDate xmlns="">2008-11-25T00:00:00.000Z</creationDate>
        <lastUpdated xmlns="">2008-11-25T00:00:00.000Z</lastUpdated>
        <regionId xmlns="">2</regionId>
        <regionName xmlns="">West</regionName>
        <associatedLocations xsi:nil="true" xmlns=""/>
        <associatedUsers xmlns=""/>
        <defaultApprovers xsi:nil="true" xmlns=""/>
      </getRegionByNameReturn>
    </getRegionByNameResponse>
  </soapenv:Body>
```

</soapenv:Envelope>

### ***getRegions Element:***

Operation type: Request-response.

- The endpoint receives a message to get all Regions and sends a correlated message of Region information. This functions similar to getLookUp Request.

Input: getRegionsRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login

Output: getRegionsResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getRegionsReturn	RegionArray []		

#### getRegions Test Case:

Input: getRegionsRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getRegions>
      <in0>webapi-464745806681923416</in0>
    </urn:getRegions>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: getRegionsResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getRegionsResponse xmlns="urn:TBEWebAPI">
      <getRegionsReturn>
        <array xmlns="">
          <item>
            <additionalProperties>
              <item xmlns:ns1="http://xml.apache.org/xml-soap">
                <key xsi:type="xsd:string">userRequisitionApproverIds</key>
                <value xsi:type="xsd:string"/>
              </item>
            </additionalProperties>
          </item>
        </array>
      </getRegionsReturn>
    </getRegionsResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

```

</additionalProperties>
<creationDate>2008-11-25T00:00:00.000Z</creationDate>
<lastUpdated>2008-11-25T00:00:00.000Z</lastUpdated>
<regionId>2</regionId>
<regionName>West</regionName>
<associatedLocations>
  <item>San Francisco</item>
  <item>Seattle Office</item>
</associatedLocations>
<associatedUsers/>
<defaultApprovers xsi:nil="true"/>
</item>
<item>
  <additionalProperties>
    <item xmlns:ns2="http://xml.apache.org/xml-soap">
      <key xsi:type="xsd:string">userRequisitionApproverIds</key>
      <value xsi:type="xsd:string"/>
    </item>
  </additionalProperties>
  <creationDate>2008-11-25T00:00:00.000Z</creationDate>
  <lastUpdated>2008-11-25T00:00:00.000Z</lastUpdated>
  <regionId>1</regionId>
  <regionName>East</regionName>
  <associatedLocations>
    <item>Boston Office</item>
  </associatedLocations>
  <associatedUsers/>
  <defaultApprovers xsi:nil="true"/>
</item>
<item>
  <additionalProperties>
    <item xmlns:ns3="http://xml.apache.org/xml-soap">
      <key xsi:type="xsd:string">userRequisitionApproverIds</key>
      <value xsi:type="xsd:string"/>
    </item>
  </additionalProperties>
  <creationDate>2008-11-25T00:00:00.000Z</creationDate>
  <lastUpdated>2008-11-25T00:00:00.000Z</lastUpdated>
  <regionId>4</regionId>
  <regionName>South</regionName>
  <associatedLocations xsi:nil="true"/>
  <associatedUsers/>
  <defaultApprovers xsi:nil="true"/>
</item>
<item>
  <additionalProperties>
    <item xmlns:ns4="http://xml.apache.org/xml-soap">
      <key xsi:type="xsd:string">userRequisitionApproverIds</key>
      <value xsi:type="xsd:string"/>
    </item>
  </additionalProperties>

```

```

    <creationDate>2008-11-25T00:00:00.000Z</creationDate>
    <lastUpdated>2008-11-25T00:00:00.000Z</lastUpdated>
    <regionId>3</regionId>
    <regionName>North</regionName>
    <associatedLocations xsi:nil="true"/>
    <associatedUsers/>
    <defaultApprovers xsi:nil="true"/>
  </item>
</array>
</getRegionsReturn>
</getRegionsResponse>
</soapenv:Body>
</soapenv:Envelope>

```

### ***upsertRegion Element:***

Operation type: Request-response.

- The endpoint receives a message to update or create a Region instance, and sends a correlated message only if error occurred.
- Please Note: Upsert is used to both create or update data within a specific Region. Using the Region ID AND Region Name attribute updates or replaces existing Region details.

Input: upsertRegionRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	RegionBean	*	AdditionalProperties[] RegionID* RegionName* associatedUsers associatedLocations defaultApprovers

Output: upsertRegionResponse

Data Field Name	Data Field Type	Required	Acceptable Values
upsertRegionReturn			

#### upsertRegionTest Case:

Input: upsertRegionRequest

```

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

```





```

<soapenv:Body>
  <urn:upsertRegion>
    <sessionId>webapi-464745806681923416</sessionId>
    <bean>
      <regionId>3</regionId>
      <regionName>North</regionName>
      <associatedLocations>
        <!--Zero or more repetitions:-->
        <item>Seattle Office</item>
      </associatedLocations>
      <associatedUsers>
        <!--Zero or more repetitions:-->
        <item>5</item>
      </associatedUsers>
      <defaultApprovers>
        <!--Zero or more repetitions:-->
        <item>5</item>
      </defaultApprovers>
    </bean>
  </urn:upsertRegion>
</soapenv:Body>
</soapenv:Envelope>
Output: upsertRegionResponse

```

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <upsertRegionResponse xmlns="urn:TBEWebAPI">
      <upsertRegionReturn>3</upsertRegionReturn>
    </upsertRegionResponse>
  </soapenv:Body>
</soapenv:Envelope>

```

## Requisition API Calls

Requisitions are all of the job openings you want to track in Taleo Business Edition and post on your careers website.

\*\*\* 11.3 enhancement now allows assignment of department and receiving department via requisitionBean. Please note, to support backwards compatability, this field is featured within the flexFieldBean definition. For assigning departments, use flexField, either by long <departmentID> or string <departmentName>.

requisitionBean Definition:

Data Field Name	Data Field Type	Required	Acceptable Values
id	long	Read Only	Requisition's unique server side ID. Can be obtained by searching the requisition database or by creating a new requisition.
status	String	Yes	Requisition's Status name from pick list
title	String	Yes	Requisition's title
location	String	Yes	Name of location (from pick list) assigned to this requisition
duration	String	No	Requisition's type from pick list
payRange	String	No	Pay range
description	String	No	Requisition's description
jobCategory	String	No	EEO Job category name from pick list
jobCode	String	No	Job code
numOpen	int	No	Number of openings
openedDate	Date	No	Date when this requisition was opened
filledDate	Date	No	Date when this requisition was filled
creationDate	Date	Read Only	Creation date
lastUpdated	Date	Read Only	Last updated date
flexValues	FlexFieldBean[]	No	Array of flexible (custom) field values

flexFieldBean Definition:

Data Field Name	Data Field Type	Required	Acceptable Values
fieldName	String	Yes	Field name
stringValue	String	No	Value of Text, Email, URL, Pick list, or Text Area field. For Multiple Pick list use ' ' to separate values.
intValue	int	No	Value of Integer field
doubleValue	double	No	Value of Decimal or Currency field
booleanValue	boolean	No	Value of Check Box field
dateValue	Date	No	Value of Date field

### ***createRequisition Element:***

Operation type: Request-response.

- The endpoint receives a message to create a requisition, and sends a correlated message of requisition ID.

Input: createRequisitionRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	requisitionBean []	*	flexValues []

			status * description duration jobCategory jobCode location * numOpen openedDate payRange title * filledDate
--	--	--	---

Output: createRequisitionResponse

Data Field Name	Data Field Type	Required	Acceptable Values
createRequisitionReturn	Long	Yes	Provided Requisition ID

createRequisition Test Case:

Input: createRequisitionRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:createRequisition>
      <in0>webapi-8638387102069848283</in0>
      <in1>
        <flexValues>
          <item>
            <fieldName>department</fieldName>
            <valueStr>Customer Service</valueStr>
          </item>
        </flexValues>
        <status>Waiting for Approval</status>
        <description>The Human Resources Generalist originates and leads Human Resources practices and objectives that will provide an employee-oriented, high performance culture that emphasizes empowerment, quality, productivity and standards, goal attainment, and the recruitment and ongoing development of a superior workforce. The Human Resources Generalist coordinates implementation of services, policies, and programs through Human Resources staff; reports to the Human Resources Director, and assists and advises company managers about Human Resources issues.</description>
        <duration>Full time</duration>
        <jobCategory>Professionals</jobCategory>
        <jobCode>Level 1</jobCode>
        <location>Headquarters</location>
        <numOpen>3</numOpen>
        <openedDate>2009-06-30T23:01:26.493Z</openedDate>
        <payRange>50000 - 75000</payRange>
      </in1>
    </urn:createRequisition>
  </soapenv:Body>
</soapenv:Envelope>
```

```

        <title>HR Generalist</title>
      </in1>
    </urn:createRequisition>
  </soapenv:Body>
</soapenv:Envelope>

```

Output: createRequisitionResponse

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <createRequisitionResponse xmlns="urn:TBEWebAPI">
      <createRequisitionReturn xmlns="">16</createRequisitionReturn>
    </createRequisitionResponse>
  </soapenv:Body>
</soapenv:Envelope>

```

### ***createRequisitionTemplate Element:***

Operation type: Request-response.

- Templates are the available jobs preloaded in Taleo for users to post easily with consistency. They are stored in the job library.
- Click on the appropriate Template below to start the process of composing a requisition. The endpoint receives a message to create a requisition template, and sends a correlated message of requisition ID.

Input: createRequisitionTemplateRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	requisitionBean []	*	flexValues [] status * city description duration jobCategory jobCode location * numOpen openedDate payRange state title * filledDate

Output: createRequisitionTemplateResponse

Data Field Name	Data Field Type	Required	Acceptable Values
createRequisitionTemplateReturn	Long	Yes	Provided Requisition ID

createRequisitionTemplate Test Case:

Input: createRequisitionTemplateRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:createRequisitionTemplate>
      <in0>webapi-8638387102069848283</in0>
      <in1>
        <flexValues>
          <!--Zero or more repetitions:-->
          <item>
            <fieldName>department</fieldName>
            <valueStr>Customer Service</valueStr>
          </item>
        </flexValues>
        <status>Waiting for Approval</status>
        <city>San Francisco</city>
        <description>The Human Resources manager leads HR Generalists</description>
        <duration>Full time</duration>
        <jobCategory>Professional</jobCategory>
        <jobCode>Level 1</jobCode>
        <location>Headquarters</location>
        <numOpen>3</numOpen>
        <openedDate>2009-06-30T23:01:26.493Z</openedDate>
        <payRange>50000 - 75000</payRange>
        <state>US-CA</state>
        <title>HR Manager</title>
      </in1>
    </urn:createRequisitionTemplate>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: createRequisitionTemplateResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <createRequisitionTemplateResponse xmlns="urn:TBEWebAPI">
      <createRequisitionTemplateReturn>20</createRequisitionTemplateReturn>
    </createRequisitionTemplateResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

```

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

```

## ***deleteRequisition Element:***

Operation type: Request-response.

- The endpoint receives a message to delete a requisition instance, and sends a correlated message only if error occurred.

Input: deleteRequisitionRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Requisition ID	Yes	ID of Requisition

Output: deleteRequisitionResponse

Data Field Name	Data Field Type	Required	Acceptable Values
deleteRequisitionReturn			

### deleteRequisition Test Case:

Input: deleteRequisitionRequest

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:deleteRequisition>
      <in0>webapi-8638387102069848283</in0>
      <in1>22</in1>
    </urn:deleteRequisition>
  </soapenv:Body>
</soapenv:Envelope>

```

Output: deleteRequisitionResponse

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <deleteRequisitionResponse xmlns="urn:TBEWebAPI"/>
  </soapenv:Body>
</soapenv:Envelope>

```

## ***getRequisitionById Element:***

Operation type: Request-response.

- The endpoint receives a message to get requisition details by requisition ID, and sends a correlated message of requisition information.

Input: getRequisitionByIdRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Requisition ID	Yes	ID of Requisition Instance

Output: getRequisitionByIdResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getRequisitionByIdReturn	requisitionBean []		

### getRequisitionById Test Case:

Input: getRequisitionByIdRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getRequisitionById>
      <in0>webapi-8638387102069848283</in0>
      <in1>13</in1>
    </urn:getRequisitionById>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: getRequisitionByIdResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getRequisitionByIdResponse xmlns="urn:TBEWebAPI">
      <getRequisitionByIdReturn xmlns="">
        <creationDate>2009-02-25T23:34:37.537Z</creationDate>
        <flexValues>
          <item>
            <fieldName>jobType</fieldName>
          </item>
        </flexValues>
      </getRequisitionByIdReturn>
    </getRequisitionByIdResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

[illegible]



• Work closely with the Solution Director to draft proposals and/or statements of work

• Responsible for providing accurate estimates for budgets and time lines in proposals

• Handle all aspects of pre-engagement activity and the transition of projects to Project Managers

• Participate and collaborate in all sales meetings

• Provide Weekly updates to Managing Director

REQUIRED EXPERIENCE:

- Have demonstrated successful experience identifying, qualifying, and closing new business opportunities
- Have successful sales experience focusing on commercial and/or federal sales
- Experience successfully marketing and selling professional and IT services/solutions in one or more of the following areas (Custom Application Development, Data Warehousing, Security & Infrastructure, Business Intelligence, IT Security, CRM, SAS and/or Legacy)
- Significant knowledge of and successful experience using IT solutions sales techniques and models
- Minimum 7 years of business development and solutions sales experience

```
<p><font face="Arial"></font>&nbsp;</p>]]</description>
  <duration>FULLTIME</duration>
  <filledDate xsi:nil="true"/>
  <jobCategory xsi:nil="true"/>
  <jobCode>452346</jobCode>
  <location>NY Office</location>
  <numOpen>4</numOpen>
  <openedDate>2009-02-25T00:00:00.000Z</openedDate>
  <payRange/>
  <state>US-NY</state>
  <title>Business Development Manager</title>
</getRequisitionByIdReturn>
</getRequisitionByIdResponse>
</soapenv:Body>
</soapenv:Envelope>
```

## getRequisitionHistory Element:

Operation type: Request-response.

- The endpoint receives a message to get a Requisition transaction history, and sends a correlated message of transaction history for the specific requisition ID.
- This object is used to fetch a history log entry which reflects a past event or action related to requisition. History records can only be created by the server, they cannot be modified or deleted. History log includes server side ID, test describing history record, complete text of email message (for email events) and creation date.

Input: getRequisitionHistoryRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Requisition ID	Yes	ID of Requisition

Output: getRequisitionHistoryResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getRequisitionHistoryReturn	historyBean []		

getRequisitionHistory Test Case:

Input: getRequisitionHistoryRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getRequisitionHistory>
      <in0>webapi-8638387102069848283</in0>
      <in1>11</in1>
    </urn:getRequisitionHistory>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: getRequisitionHistoryResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getRequisitionHistoryResponse xmlns="urn:TBEWebAPI">
      <getRequisitionHistoryReturn xmlns="">
        <array>
          <item>
            <creationDate>2009-09-10T20:39:35.573Z</creationDate>
            <emailText xsi:nil="true"/>
            <id>556</id>
            <text>Candidate (id: 48) (id: 48) Alisha Alexandra Smith has been removed from this requisition</text>
            <userName>skarim</userName>
          </item>
          <item>
            <creationDate>2009-09-04T18:36:21.797Z</creationDate>
            <emailText xsi:nil="true"/>
            <id>532</id>
```

```

    <text>Candidate (id: 48) (id: 48) Alisha Alexandra Smith added self to this
requisition</text>
    <userName xsi:nil="true"/>
  </item>
  <item>
    <creationDate>2009-02-09T23:03:51.623Z</creationDate>
    <emailText xsi:nil="true"/>
    <id>99</id>
    <text>Posted on Careers Website</text>
    <userName xsi:nil="true"/>
  </item>
  <item>
    <creationDate>2009-02-09T23:03:51.430Z</creationDate>
    <emailText xsi:nil="true"/>
    <id>94</id>
    <text>Requisition created</text>
    <userName>skarim</userName>
  </item>
  <item>
    <creationDate>2009-02-09T23:03:51.430Z</creationDate>
    <emailText xsi:nil="true"/>
    <id>97</id>
    <text>Approver (id: 7) Karim, Sally has been added to this requisition</text>
    <userName>skarim</userName>
  </item>
  <item>
    <creationDate>2009-02-09T23:03:51.430Z</creationDate>
    <emailText xsi:nil="true"/>
    <id>98</id>
    <text>Offer Approver has been added to this requisition</text>
    <userName>skarim</userName>
  </item>
</array>
</getRequisitionHistoryReturn>
</getRequisitionHistoryResponse>
</soapenv:Body>
</soapenv:Envelope>

```

### ***postRequisition Element:***

Operation type: Request-response.

- The endpoint receives a message to post a specific requisition to a supported posting location, and sends back a message only if error occurred.
- Please note, requisitions will only be posted if the requisition has been approved (i.e. status of 'Open') and all other requisition data elements have been completed that are mandatory based on the application UI (i.e. Requisition Owner has been defined).



- Please Note: As each client may be able to configure multiple posting locations and multiple application form versions, a standard list of 'posterId' and 'formVersion' variables has not been provided. The easiest way to find these values is to go into the application and:
  - Select a requisition
  - Right click the page and select 'View Source'.
  - Search for 'Requisition Posters:'
  - From here you will find a list of appropriate ID values

Input: postRequisitionRequest

Data Field Name	Data Field Type	Required	Acceptable Values
sessionId	String	Yes	Session ID received at Login
requisitionId	Long	Yes	ID of requisition
posterId	Long	Yes	ID of the posting location, for example a specific Taleo Business Edition Career Website (picklist value ID #)
formVersion	Long	Yes	ID of the required application form to be used within the posting location (picklist value ID #).

Output: postRequisitionResponse

Data Field Name	Data Field Type	Required	Acceptable Values
postRequisitionReturn			

Input: postRequisitionRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:postRequisition>
      <sessionId>webapi-8638387102069848283</sessionId>
      <requisitionId>16</requisitionId>
      <posterId>4</posterId>
      <formVersion>0</formVersion>
    </urn:postRequisition>
  </soapenv:Body>
```

</soapenv:Envelope>

Output: postRequisitionResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <postRequisitionResponse xmlns="urn:TBEWebAPI"/>
  </soapenv:Body>
</soapenv:Envelope>
```

## ***searchRequisition Element:***

Operation type: Request-response.

- The endpoint receives a message to query all requisitions based on defined key (field name) and value (data looking for), and sends a correlated message of Requisition ID and associated search relevance.
- Relevance is a value between 0 and 100, which reflects how well the account matches the search criteria
- Map of search parameters always contains:
  - key: name of field to search as a string
  - value: search parameter as string.
- Format of search value may differ depending on data type of the search field:
- For text, text area, email, URL fields: simple text to be found (case-insensitive) in this field. Example:
  - key="city", value="Francisco" will search for all candidates with "Francisco" in "city" field.
- For integer, double, currency: interval between two numbers separated by '|' character. Either left (from) or right (to) side can be omitted. Example:
  - key="rank", value="100|" will search for all candidates with rank value no less than 100.
  - key="rank", value="|200" will search for all candidates with rank value no more than 200.
  - key="rank", value="100|200" will search for all candidates with rank value between 100 and 200 (inclusive).
- For date fields: interval between two dates in ISO yyyy-MM-dd format, separated by '|' character. Either left (from) or right (to) side can be omitted. Example:
  - key="startDate", value="2004-06-01|" will search for all candidates with start date on or after June 1st 2004.
  - key="startDate", value="|2004-08-01" will search for all candidates with start date on or before August 1st 2004.
  - key="startDate", value="2004-06-01|2004-08-01" will search for all candidates with start date between June 1st 2004 and August 1st 2004 (inclusive).
- For date interval fields: number of days from today to the past. Example:
  - key="addedWithin", value="7" will search for all candidates added to the system within the last week.
- For single pick list: code value or name of selected item. Example:

- key="country", value="US" will search for all candidates with country field equals to "United States".
  - key="status", value="available" will search for all candidates in "Available" status.
- For multiple pick list: code values or names of selected items, separated by '|' character. Example:
  - key="customMultiple", value="A1|B2|X5" will search for all candidates with customMultiple field containing one or more of values: A1, B2, X5.
- For check box fields: "true" if check box must be checked, "false" is unchecked. Example:
  - key="flagged", value="true" will search for all candidates "flagged" for the user currently logged in.
- Search keys names and types can be found in Administration>Customize>Requisition Fields. They may include both system fields (listed below for convenience) and custom fields. For custom fields External name is used as key name.

#### System Search Keys:

Data Field Name	Parameter Type	Description
keyword	String	Keyword(s) in requisition's description. Identical syntax as used in Taleo browser interface.
reqId	Integer	ID of requisition
cws	Pick list	Which Career Website requisition was posted on (i.e. find all jobs posted on cws 1).
jobCode	String	Job Code
title	String	Requisition's title
location	Pick list	Location assigned to requisition
city	String	City name
state	Pick list	State/Region
duration	Pick list	Duration name
payRange	String	Pay range
openedDate	Date	Opened date
filledDate	Date	Filled date
jobCat	Pick list	EEO job category
status	Pick list	Requisition's status name
lastUpdated	Date	Last updated date
creationDate	Date	Added to system date
addedWithin	Integer	Added within N days
updatedWithin	Integer	Updated within N days
owners	Custom	Requisition Owners
approvers	Custom	Requisition Approvers
offerApprs	Custom	Offer Approvers
viewers	Custom	Agencies
isTemplate	Boolean	When isTemplate flag 'true', searching will return Job Library Templates, when not passed AT ALL or passed as 'false', only true requisitions will be searched (mutually exclusive).

Input: searchRequisitionRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Item...	Yes	key value

Output: searchRequisitionResponse

Data Field Name	Data Field Type	Required	Acceptable Values
searchRequisitionReturn	searchResultBean []		

#### searchRequisition Test Case:

Input: searchRequisitionRequest

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:searchRequisition>
      <in0>webapi-8638387102069848283</in0>
      <in1>
        <!--Zero or more repetitions-->
        <item>
          <key>location</key>
          <value>Headquarters</value>
        </item>
        <item>
          <key>status</key>
          <value>Open</value>
        </item>
        <item>
          <key>jobCode</key>
          <value>Level 1</value>
        </item>
      </in1>
    </urn:searchRequisition>
  </soapenv:Body>
</soapenv:Envelope>

```

Output: searchRequisitionResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <searchRequisitionResponse xmlns="urn:TBEWebAPI">
      <searchRequisitionReturn xmlns="">
        <array>
          <item>
            <id>16</id>
            <relevance>1.0</relevance>
          </item>
        </array>
      </searchRequisitionReturn>
    </searchRequisitionResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

### ***unpostRequisition Element:***

Operation type: Request-response.

- The endpoint receives a message to unpost a specific requisition to a posting location, and sends back a message only if error occurred.
- Please Note: As each client may be able to configure multiple posting locations, a standard list of 'posterId' variables has not been provided. The easiest way to find these values is to go into the application and:
  - Select a requisition
  - Right click the page and select 'View Source'.
  - Search for 'Requisition Posters:'
  - From here you will find a list of appropriate ID values of posting locations (posterId)

Input: unpostRequisitionRequest

Data Field Name	Data Field Type	Required	Acceptable Values
sessionId	String	Yes	Session ID received at Login
requisitionId	Long	Yes	ID of requisition
posterId	Long	Yes	ID of the posting location, for example a specific Taleo Business Edition Career Website (picklist value ID #)

Output: unpostRequisitionResponse



Data Field Name	Data Field Type	Required	Acceptable Values
unpostRequisitionReturn			

Input: unpostRequisitionRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:unpostRequisition>
      <sessionId>webapi-8638387102069848283</sessionId>
      <requisitionId>16</requisitionId>
      <posterId>1</posterId>
    </urn:unpostRequisition>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: unpostRequisitionResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <unpostRequisitionResponse xmlns="urn:TBEWebAPI"/>
  </soapenv:Body>
</soapenv:Envelope>
```

### ***updateRequisition Element:***

Operation type: Request-response.

- The endpoint receives a message to update an existing requisition instance, and sends a correlated message only if error occurred.
- Please Note: Update requests replace all data fields in the requisitionBean (i.e. data is not appended or upserted). Send all elements back or the field values will be returned NULL.

Input: updateRequisitionRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	requisitionBean[]	*	flexValues [] id * status *

			city description duration jobCategory jobCode location * numOpen openedDate payRange state title * filledDate
--	--	--	--

Output: updateRequisitionResponse

Data Field Name	Data Field Type	Required	Acceptable Values
updateRequisitionReturn			

updateRequisition Test Case:

Input: updateRequisitionRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:updateRequisition>
      <in0>webapi-3736131371583618769</in0>
      <in1>
        <flexValues>
          <!--Zero or more repetitions:-->
          <item>
          </item>
        </flexValues>
        <id>16</id>
        <status>Filled</status>
        <city>San Francisco</city>
        <description>The Human Resources Generalist originates and leads Human Resources practices and objectives that will provide an employee-oriented, high performance culture that emphasizes empowerment, quality, productivity and standards, goal attainment, and the recruitment and ongoing development of a superior workforce. The Human Resources Generalist coordinates implementation of services, policies, and programs through Human Resources staff; reports to the Human Resources Director, and assists and advises company managers about Human Resources issues.</description>
        <duration>Full time</duration>
        <jobCategory>Professional</jobCategory>
        <jobCode>Level 1</jobCode>
        <location>Headquarters</location>
        <numOpen>2</numOpen>
        <openedDate>2009-06-30T23:01:26.493Z</openedDate>
```



```
<payRange>50000 - 75000</payRange>
<state>US-CA</state>
<title>HR Generalist</title>
<filledDate>2009-09-31T23:01:26.493Z</filledDate>
</in1>
</urn:updateRequisition>
</soapenv:Body>
</soapenv:Envelope>
```

Output: updateRequisitionResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <updateRequisitionResponse xmlns="urn:TBEWebAPI"/>
  </soapenv:Body>
</soapenv:Envelope>
```

## Resume API Calls

Resumes are all of the primary CVs associated with Candidates in Taleo Business Edition.

### ***getBinaryResume Element:***

Operation type: Request-response.

- The endpoint receives a message to get the primary resume binary attachment associated with a candidate, and sends back the resume binary resume data.

Input: getBinaryResumeRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Long	Yes	ID of candidate

Output: getBinaryResumeResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getBinaryReturn	base64Binary []		

getBinaryResume Test Case:

Input: getBinaryResumeRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getBinaryResume>
      <in0>webapi1673199911353581754</in0>
      <in1>48</in1>
    </urn:getBinaryResume>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: getBinaryResumeResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getBinaryResumeResponse xmlns="urn:TBEWebAPI">
      <getBinaryResumeReturn xmlns="">
        <array>UESDBBQABgAIAAAAIQAwySgMcgEAAKUFAAATA ==</array>
      </getBinaryResumeReturn>
    </getBinaryResumeResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

### ***parseResume Element:***

Operation type: Request-response.

- The endpoint receives a message resume binary attachment, and sends back a passed output of resume data (using third-party provider ResumeMirror)

Input: parseResumeRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	ByteArr	Yes	base64Binary []

Output: parseResumeResponse

Data Field Name	Data Field Type	Required	Acceptable Values
parseResumeReturn	ResumeMirror HR-XML ParseResume Response		

## parseResume Test Case:

Input: parseResumeRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:parseResume>
      <in0>webapi-3736131371583618769</in0>
      <in1>
        <array>0M8R4KGxGuEAAAAAAAAAAAAAAAAAAAAAA==</array>
      </in1>
    </urn:parseResume>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: parseResumeResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <parseResumeResponse xmlns="urn:TBEWebAPI">
      <parseResumeReturn xmlns=""><![CDATA[<?xml version="1.0" encoding="ISO-8859-1"?>
<Resume>
  <StructuredXMLResume>
    <ContactInfo>
      <PersonName>
        <FormattedName>Sandy Keagon</FormattedName>
        <GivenName>Sandy</GivenName>
        <FamilyName>Keagon</FamilyName>
      </PersonName>
      <ContactMethod>
        <Use>personal</Use>
        <Telephone>
          <InternationalCountryCode>1</InternationalCountryCode>
          <AreaCityCode>604</AreaCityCode>
          <SubscriberNumber>7693087</SubscriberNumber>
        </Telephone>
        <InternetEmailAddress>SKe@gmail.com</InternetEmailAddress>
        <PostalAddress>
          <CountryCode>CA</CountryCode>
          <PostalCode>V6B 3M6</PostalCode>
          <Region>BC</Region>
          <Municipality>Vancouver</Municipality>
          <DeliveryAddress>
            <AddressLine>1060 Seymour Street</AddressLine>
          </DeliveryAddress>
        </PostalAddress>
      </ContactMethod>
    </ContactInfo>
  </StructuredXMLResume>
</Resume>
]]></parseResumeReturn>
    </parseResumeResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

```

    </PostalAddress>
  </ContactMethod>
</ContactInfo>
</Resume>]]></parseResumeReturn>
  </parseResumeResponse>
</soapenv:Body>
</soapenv:Envelope>

```

### ***parseResumeIntoCandidate Element:***

Operation type: Request-response.

- The endpoint receives a message resume binary attachment and creates a new candidate with contact information parsed with the original resume appended to the candidate record, and sends back:
  - Candidate ID (either newly created or existing if duplicate)
  - Duplicate Value where 0 equals none existing and 1 equals duplicate exists

Input: parseResumeIntoCandidateRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	ByteArr	Yes	base64Binary []
referredBy	String	No	Name of referral source
filename	String	Yes	Name of the resume file including extension. The following MIME types are acceptable: Text = text/plain html = text/html RTF = text/richtext Word = application/msword DocX = application/vnd.openxmlformats-officedocument.wordprocessingml.document PDF = application/pdf

Output: parseResumeIntoCandidateResponse

Data Field Name	Data Field Type	Required	Acceptable Values
parseResumeIntoCandidateReturn			candidateId dup (duplicate value)

parseResumeIntoCandidate Test Case:

Input: parseResumeIntoCandidateRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:parseResumeIntoCandidate>
      <in0>webapi-3736131371583618769</in0>
      <in1>
        <array>0M8R4KGxGuEAAAAAAAAAAAAAAAAAAAAAA==</array>
      </in1>
      <referredBy>bdonlan</referredBy>
      <fileName>resume.doc</fileName>
    </urn:parseResumeIntoCandidate>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: parseResumeIntoCandidateResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <parseResumeIntoCandidateResponse xmlns="urn:TBEWebAPI">
      <parseResumeIntoCandidateReturn xsi:type="ns1:CandidateInsertResultBean" xmlns=""
xmlns:ns1="urn:TBEWebAPI">
        <candidateId>50</candidateId>
        <dup>1</dup>
      </parseResumeIntoCandidateReturn>
    </parseResumeIntoCandidateResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

## ***setBinaryResume Element:***

Operation type: Request-response.

- The endpoint receives a message to append a resume attachment to a candidate ID, and sends a correlated message only if error occurred.

Input: setBinaryResumeRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Candidate ID	Yes	ID of Candidate
in2	String	Yes	Filename of binary file with defined file extension. The following MIME types are

			acceptable: Text = text/plain html = text/html RTF = text/richtext Word = application/msword DocX = application/vnd.openxmlformats-officedocument.wordprocessingml.document PDF = application/pdf
in3	ByteArr	Yes	base64Binary []

Output: setBinaryResumeResponse

Data Field Name	Data Field Type	Required	Acceptable Values
setBinaryResumeReturn			

setBinaryResume Test Case:

Input: setBinaryResumeRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:setBinaryResume>
      <in0>webapi-3736131371583618769</in0>
      <in1>44</in1>
      <in2>solidResume.doc</in2>
      <in3>
        <array>0M8R4KGxGuEAAAAAAAAAAAAAAAAAAAAAA==</array>
      </in3>
    </urn:setBinaryResume>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: setBinaryResumeResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <setBinaryResumeResponse xmlns="urn:TBEWebAPI"/>
  </soapenv:Body>
</soapenv:Envelope>
```



## Rolling Entity Calls

Dynamic forms allowing collection of:

- Education History
- Licenses & Certifications
- Previous Residences
- References
- Work History

rollingEntityBean Definition:

Data Field Name	Data Field Type	Required	Acceptable Values
ID	Long	Read Only	Contact's unique server side ID. Can be obtained by searching the accounts' database or by creating a new account.
sessionID	String	Yes	Session ID received at Login
status	Long	Yes	Rolling Entity Status from pick list
rollingEntityType	String	Yes	WORK_HISTORY RESIDENCE_HISTORY EDUCATION REFERENCES CERTIFICATES_LICENCES
entityType	String	Yes	CAND EMPL
entityID	Long	Yes	ID of CAND or EMPL
creationDate	Date	Read Only	Creation date
lastUpdated	Date	Read Only	Last updated date
attributes	AttributeBean	No	Array of rolling entity attribute (standard) field values
flexValues	FlexFieldBean[]	No	Array of flexible (custom) field values

attributeBean Definition:

Data Field Name	Data Field Type	Required	Acceptable Values
FieldName	String	Yes	Field name
StringValue	String	No	Value of Text, Email, URL, Pick list, or Text Area field. For Multiple Pick list use ' ' to separate values.
IntValue	int	No	Value of Integer field
DoubleValue	double	No	Value of Decimal or Currency field
BooleanValue	Boolean	No	Value of Check Box field
DateValue	Date	No	Value of Date field

#### flexFieldBean Definition:

Data Field Name	Data Field Type	Required	Acceptable Values
FieldName	String	Yes	Field name
StringValue	String	No	Value of Text, Email, URL, Pick list, or Text Area field. For Multiple Pick list use ' ' to separate values.
IntValue	int	No	Value of Integer field
DoubleValue	double	No	Value of Decimal or Currency field
BooleanValue	Boolean	No	Value of Check Box field
DateValue	Date	No	Value of Date field

### ***deleteRollingEntity Element:***

Operation type: Request-response.

- The endpoint receives a message to delete a specific rolling entity instance based on ID, and sends a correlated message only if error occurred.

Input: deleteRollingEntityRequest

Data Field Name	Data Field Type	Required	Acceptable Values
sessionID	String	Yes	Session ID received at Login
rollingEntityId	String	Yes	ID of rolling entity

Output: deleteRollingEntityResponse

Data Field Name	Data Field Type	Required	Acceptable Values
deleteRollingEntityReturn			

#### deleteRollingEntity Test Case:

Input: deleteRollingEntityRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:deleteRollingEntity>
      <sessionId>webapi-3736131371583618769</sessionId>
      <rollingEntityId>11</rollingEntityId>
    </urn:deleteRollingEntity>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: deleteRollingEntityResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <deleteRollingEntityResponse xmlns="urn:TBEWebAPI"/>
  </soapenv:Body>
</soapenv:Envelope>
```

### ***getRollingEntities Element:***

Operation type: Request-response.

- The endpoint receives a message to get a specific rolling entity for a candidate or employee, and sends a correlated message of rolling entity information.
- There is no 'ALL' function; a call is configured for the pulling of each rolling entity type:
  - WORK\_HISTORY
  - RESIDENCE\_HISTORY
  - EDUCATION
  - REFERENCES
  - CERTIFICATES\_LICENCES

Input: getRollingEntitiesRequest

Data Field Name	Data Field Type	Required	Acceptable Values
sessionId	String	Yes	Session ID received at Login
rollingEntityType	String	Yes	WORK_HISTORY RESIDENCE_HISTORY EDUCATION REFERENCES CERTIFICATES_LICENCES
entityType	String	Yes	CAND
entityID	Long	Yes	Candidate ID

Output: getRollingEntitiesResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getRollingEntitiesReturn	rollingEntitiesBean []		

### getRollingEntities Test Case:

Input: getRollingEntitiesRequest

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

```
<soapenv:Body>
  <urn:getRollingEntities>
    <sessionId>webapi-6894240122814704138</sessionId>
    <rollingEntityType>WORK_HISTORY</rollingEntityType>
    <entityType>CAND</entityType>
    <entityId>45</entityId>
  </urn:getRollingEntities>
</soapenv:Body>
</soapenv:Envelope>
```

Output: getRollingEntitiesResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getRollingEntitiesResponse xmlns="urn:TBEWebAPI">
      <getRollingEntitiesReturn xmlns="">
        <array>
          <item>
            <creationDate>2009-08-11T15:43:45.273Z</creationDate>
            <flexValues>
              <item>
                <fieldName>Starting Rate Of Pay</fieldName>
                <valueBool xsi:nil="true"/>
                <valueDate xsi:nil="true"/>
                <valueDb1 xsi:nil="true"/>
                <valueInt xsi:nil="true"/>
                <valueLong xsi:nil="true"/>
                <valueStr>56000</valueStr>
              </item>
            </flexValues>
            <id>13</id>
            <lastUpdated>2009-08-15T00:13:33.283Z</lastUpdated>
            <status xsi:nil="true"/>
            <attributes>
              <item>
                <fieldName>workHistJobTitle</fieldName>
                <valueBool xsi:nil="true"/>
                <valueDate xsi:nil="true"/>
                <valueDb1 xsi:nil="true"/>
                <valueInt xsi:nil="true"/>
                <valueLong xsi:nil="true"/>
                <valueStr>Lovely Manager</valueStr>
              </item>
              <item>
                <fieldName>workHistFrom</fieldName>
                <valueBool xsi:nil="true"/>
                <valueDate>2007-02-01T00:00:00.000Z</valueDate>
                <valueDb1 xsi:nil="true"/>

```

```

    <valueInt xsi:nil="true"/>
    <valueLong xsi:nil="true"/>
    <valueStr xsi:nil="true"/>
  </item>
  <item>
    <fieldName>workHistDesc</fieldName>
    <valueBool xsi:nil="true"/>
    <valueDate xsi:nil="true"/>
    <valueDbf xsi:nil="true"/>
    <valueInt xsi:nil="true"/>
    <valueLong xsi:nil="true"/>
    <valueStr>Was a lovely manager</valueStr>
  </item>
  <item>
    <fieldName>workHistCoName</fieldName>
    <valueBool xsi:nil="true"/>
    <valueDate xsi:nil="true"/>
    <valueDbf xsi:nil="true"/>
    <valueInt xsi:nil="true"/>
    <valueLong xsi:nil="true"/>
    <valueStr>McKesson</valueStr>
  </item>
  <item>
    <fieldName>workHistStreet</fieldName>
    <valueBool xsi:nil="true"/>
    <valueDate xsi:nil="true"/>
    <valueDbf xsi:nil="true"/>
    <valueInt xsi:nil="true"/>
    <valueLong xsi:nil="true"/>
    <valueStr>12 – Richmond Street</valueStr>
  </item>
  <item>
    <fieldName>workHistCityState</fieldName>
    <valueBool xsi:nil="true"/>
    <valueDate xsi:nil="true"/>
    <valueDbf xsi:nil="true"/>
    <valueInt xsi:nil="true"/>
    <valueLong xsi:nil="true"/>
    <valueStr>BC</valueStr>
  </item>
  <item>
    <fieldName>workHistPhone</fieldName>
    <valueBool xsi:nil="true"/>
    <valueDate xsi:nil="true"/>
    <valueDbf xsi:nil="true"/>
    <valueInt xsi:nil="true"/>
    <valueLong xsi:nil="true"/>
    <valueStr>858-304-3434</valueStr>
  </item>
  <item>
    <fieldName>workHistSupervisor</fieldName>

```

```

        <valueBool xsi:nil="true"/>
        <valueDate xsi:nil="true"/>
        <valueDbf xsi:nil="true"/>
        <valueInt xsi:nil="true"/>
        <valueLong xsi:nil="true"/>
        <valueStr>595-394-4094</valueStr>
    </item>
    <item>
        <fieldName>workHistSuperTitle</fieldName>
        <valueBool xsi:nil="true"/>
        <valueDate xsi:nil="true"/>
        <valueDbf xsi:nil="true"/>
        <valueInt xsi:nil="true"/>
        <valueLong xsi:nil="true"/>
        <valueStr>Manager</valueStr>
    </item>
    <item>
        <fieldName>workHistOkContact</fieldName>
        <valueBool>true</valueBool>
        <valueDate xsi:nil="true"/>
        <valueDbf xsi:nil="true"/>
        <valueInt xsi:nil="true"/>
        <valueLong xsi:nil="true"/>
        <valueStr xsi:nil="true"/>
    </item>
    <item>
        <fieldName>workHistPay</fieldName>
        <valueBool xsi:nil="true"/>
        <valueDate xsi:nil="true"/>
        <valueDbf xsi:nil="true"/>
        <valueInt xsi:nil="true"/>
        <valueLong xsi:nil="true"/>
        <valueStr>65000</valueStr>
    </item>
    <item>
        <fieldName>toPresent</fieldName>
        <valueBool>true</valueBool>
        <valueDate xsi:nil="true"/>
        <valueDbf xsi:nil="true"/>
        <valueInt xsi:nil="true"/>
        <valueLong xsi:nil="true"/>
        <valueStr xsi:nil="true"/>
    </item>
</attributes>
<entityType>CAND</entityType>
<entityId>45</entityId>
<subType>WORK_HISTORY</subType>
</item>
</array>
</getRollingEntitiesReturn>
</getRollingEntitiesResponse>

```

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

## upsertRollingEntity Element:

Operation type: Request-response.

- The endpoint receives a message to update an existing rolling entity instance, and sends a correlated message only if error occurred.
- Please Note: Upsert is used to both create or update data within a specific rolling entity. Using the ID attribute updates or replaces existing rolling entity instance, whereas not using an entityId will create a new rolling entity for the entity ID.

Input: upsertRollingEntityRequest

Data Field Name	Data Field Type	Required	Acceptable Values
sessionId	String	Yes	Session ID received at Login
rollingEntityBean	rollingEntityBean []	*	flexValues [] attributes [] id * status * entityId entityType subType

Output: upsertRollingEntityResponse

Data Field Name	Data Field Type	Required	Acceptable Values
upsertRollingEntityReturn			

### upsertRollingEntity Test Case:

Input: upsertRollingEntityRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:upsertRollingEntity>
      <sessionId>webapi-3736131371583618769</sessionId>
      <rollingEntityBean>
        <flexValues>
          <!--Zero or more repetitions:-->
        </flexValues>
        <id>12</id>
        <status>New</status>
        <attributes>
          <!--Zero or more repetitions:-->
        </attributes>
      </rollingEntityBean>
    </urn:upsertRollingEntity>
  </soapenv:Body>
</soapenv:Envelope>
```

```

    <item>
      <fieldName>workHistJobTitle</fieldName>
      <valueStr>Senior Recruiter</valueStr>
    </item>
    <item>
      <fieldName>workHistOkContact</fieldName>
      <valueBool>False</valueBool>
    </item>
  </attributes>
  <entityType>CAND</entityType>
  <entityId>44</entityId>
  <subType>WORK_HISTORY</subType>
</rollingEntityBean>
</urn:upsertRollingEntity>
</soapenv:Body>
</soapenv:Envelope>

```

Output: upsertRollingEntityResponse

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <upsertRollingEntityResponse xmlns="urn:TBEWebAPI"/>
  </soapenv:Body>
</soapenv:Envelope>

```

## Search API Calls

Search API calls are the results of querying of supported entities in Taleo Business Edition. This object is used to encapsulate the ID of the entity found in Taleo during a search. By using this ID, a Web API client can get detailed information or perform other operations on that entity. Results are provided in an array where the ID is provided of the result and a score of relevance.

The following entities are supported for search:

- Account
- Candidate
- Contact
- Employee
- Requisition
- User

Use the search(entityName) call for the appropriate entity you are searching.

searchResultBean Definition:



Data Field Name	Data Field Type	Required	Acceptable Values
id	long	Read Only	ID of entity found in the database
relevance	Double	Read Only	Relevance is a value between 0 and 100, which reflects how well this candidate or requisition matches the search criteria

## System API Calls

All system level properties for a Taleo Business Edition client, including modules uses, system setting values, and system URLs.

### ***getEnabledServices Element:***

Operation type: Request-response.

- The endpoint receives a message to get the all the application modules the company code has turned on, and sends back all system modules configured where:
  - 'perform' = Taleo Business Edition Perform
  - 'onBoarding' = Taleo Business Edition onBoarding
  - 'recruit' = Taleo Business Edition Recruit
  - 'backup' = Taleo Business Edition on-Demand BackUp Service
  - 'offcp' = Taleo Business Edition OFFCP Compliance Package
  - 'tsc' = Taleo Schedule Center for Recruit
  - 'tvr' = Taleo Voice Response for Recruit
  - 'generic' = Taleo Business Edition Generic Package for Recruit
  - 'staffing' = Taleo Business Edition Staffing Package for Recruit
  - 'pureDiscovery' = Pure Discovery Advanced Sourcing for Recruit

Input: getEnabledServicesRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login

Output: getEnabledServicesResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getEnabledServicesReturn			String of system modules

getEnabledServices Test Case:

Input: getEnabledServicesRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getEnabledServices>
      <in0>webapi-8948403736913319968</in0>
    </urn:getEnabledServices>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: getEnabledServicesResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getEnabledServicesResponse xmlns="urn:TBEWebAPI">
      <getEnabledServicesReturn
xmlns="">,perform,onBoarding,tsc,tvr,generic,staffing,recruit,pureDiscovery,backup,offcp<
    </getEnabledServicesReturn>
  </getEnabledServicesResponse>
</soapenv:Body>
</soapenv:Envelope>
```

## ***getSystemProps Element:***

Operation type: Request-response.

- The endpoint receives a message to get the system props of a company code using valid session variable, and sends back all system properties configured.
- System-level properties return as string-string map:

Property Name	Property Value
HiredStatuses	Comma-separated ids of statuses for hired candidates
OpenedStatuses	Comma-separated ids of statuses for opened requisitionss
MyViewStatuses	Comma-separated ids of statuses for candidates shown on “My View” page
PipelineStatuses	Comma-separated ids of statuses for candidates shown on “Pipeline” page

Input: getSystemPropsRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login

Output: getSystemPropsResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getSystemPropsReturn			Array of System Property Values

getSystemProps Test Case:

Input: getSystemPropsRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getSystemProps>
      <in0>webapi8250491874042899515</in0>
    </urn:getSystemProps>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: getSystemPropsResponse (truncated)

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getSystemPropsResponse xmlns="urn:TBEWebAPI">
      <getSystemPropsReturn xmlns="">
        <item>
          <key xsi:type="xsd:string">BlockedEmailAttachments</key>
          <value xsi:type="xsd:string">*.bat;*.vbs;*.com;*.exe;*.scr</value>
        </item>
        <item>
          <key xsi:type="xsd:string">ReqLinkTemplate</key>
          <value xsi:type="xsd:string">5</value>
        </item>
        <item>
          <key xsi:type="xsd:string">ApplicationName</key>
          <value xsi:type="xsd:string">Taleo Business Edition</value>
        </item>
        <item>
          <key xsi:type="xsd:string">DaysBeforeShutdown</key>
          <value xsi:type="xsd:string">30</value>
        </item>
        <item>
          <key xsi:type="xsd:string">msg.c3p0.preferredTestQuery</key>
          <value xsi:type="xsd:string">select 1</value>
        </item>
        <item>
          <key xsi:type="xsd:string">c3p0.acquireRetryAttempts</key>
```

```

    <value xsi:type="xsd:string">30</value>
  </item>
  <item>
    <key xsi:type="xsd:string">msg.dbcp.maxActive</key>
    <value xsi:type="xsd:string">20</value>
  </item>
  <item>
    <key xsi:type="xsd:string">msg.dbcp.numTestsPerEvictionRun</key>
    <value xsi:type="xsd:string">3</value>
  </item>
  <item>
    <key xsi:type="xsd:string">MaxTransactionTime</key>
    <value xsi:type="xsd:string">2</value>
  </item>
  <item>
    <key xsi:type="xsd:string">msg.c3p0.acquireRetryDelay</key>
    <value xsi:type="xsd:string">1000</value>
  </item>
  <item>
    <key xsi:type="xsd:string">formDisplayManager.cacheSizeLimit</key>
    <value xsi:type="xsd:string">50</value>
  </item>
  <item>
    <key xsi:type="xsd:string">c3p0.initialPoolSize</key>
    <value xsi:type="xsd:string">5</value>
  </item>
  <item>
    <key xsi:type="xsd:string">formDisplayManager.commonFormExpiryTime</key>
    <value xsi:type="xsd:string">1200</value>
  </item>
  <item>
    <key xsi:type="xsd:string">msg.c3p0.maxConnectionAge</key>
    <value xsi:type="xsd:string">0</value>
  </item>
  <item>
    <key xsi:type="xsd:string">dbcp.testWhileIdle</key>
    <value xsi:type="xsd:string">true</value>
  </item>
  <item>
    <key xsi:type="xsd:string">ReqCreateTemplate</key>
    <value xsi:type="xsd:string">-1</value>
  </item>
  <item>
    <key xsi:type="xsd:string">ReviewApproverApprovesTemplate</key>
    <value xsi:type="xsd:string">40</value>
  </item>
  <item>
    <key xsi:type="xsd:string">msg.c3p0.async</key>
    <value xsi:type="xsd:string">true</value>
  </item>
  <item>

```

```

    <key xsi:type="xsd:string">OfferApprovedTemplate</key>
    <value xsi:type="xsd:string">-1</value>
  </item>
  <item>
    <key xsi:type="xsd:string">scdDocSetClient.segment</key>
    <value xsi:type="xsd:string">NA01A</value>
  </item>
</getSystemPropsReturn>
</getSystemPropsResponse>
</soapenv:Body>
</soapenv:Envelope>

```

## Task API Calls

Tasks are workflow tasks stored within a specific entity of Taleo Business Edition. There is a one-to-many relationship with tasks to entities. Entities include accounts (ACCT), candidates (CAND), contacts (CTCT), employees (EMPL), requisitions (REQU) and users (WORK).

taskBean Definition:

Data Field Name	Data Field Type	Required	Acceptable Values
id	long	Read Only	Account's unique server side ID. Can be obtained by searching the accounts' database or by creating a new account.
status	String	Yes	Account's Status from pick list
creator	String	Yes	Creator's login name
entityType	String	No	Type of related entity: ACCT = accounts CAND = candidates CTCT = contacts EMPL = employees REQU = requisitions WORK = users
entityId	long	No	ID of associated entity
subject	String	Yes	Subject of event
priority	String	Yes	Priority (from pick list): Low Normal High
dueDate	Date	No	Task's due date
description	String	No	Description
participants	ParticipantBean[]	Yes	Array of events' participants
creationDate	Date	Read Only	Creation date
lastUpdated	Date	Read Only	Last updated date
flexValues	FlexFieldBean[]	No	Array of flexible (custom) field values

participantBean Definition:

Data Field Name	Data Field Type	Required	Acceptable Values
PersonId	long	Read Only	ID of person (user or contact)
PersonType	String	Yes	Type of person object: WORK=user, CTCT=contact. Use appropriate API to extract actual person object using person's ID
EventId	long	Yes	ID of event (interview, calendar event, or task)
EventType	String	Yes	Type of event object: INTV=interview, CLDEV=calendar event, TASK=task. Use appropriate API to extract actual event object using event's ID
StartDate	Date	No	Event's start date for given participant.
EndDate	Date	No	Event's end date for given participant.

flexFieldBean Definition:

Data Field Name	Data Field Type	Required	Acceptable Values
FieldName	String	Yes	Field name
StringValue	String	No	Value of Text, Email, URL, Pick list, or Text Area field. For Multiple Pick list use ' ' to separate values.
IntValue	int	No	Value of Integer field
DoubleValue	double	No	Value of Decimal or Currency field
BooleanValue	boolean	No	Value of Check Box field
DateValue	Date	No	Value of Date field

## ***createTask Element:***

Operation type: Request-response.

- The endpoint receives a message to create a task, and sends a correlated message of task ID.

Input: createTaskRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	taskBean[] participantBean []	*	flexValues [] status * creator *

			description dueDate entityId entityType priority * subject *  assignedTo [] endDate eventId * eventType * personId * personType * startDate *
--	--	--	--

Output: createTaskResponse

Data Field Name	Data Field Type	Required	Acceptable Values
createTaskReturn	Long	Yes	Provided Task ID

#### createTask Test Case:

Input: createTaskRequest

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:createTask>
      <in0>webapi411835895647962205</in0>
      <in1>
        <flexValues>
          <!--Zero or more repetitions:-->
        </flexValues>
        <status>Not Started</status>
        <assignedTo>
          <!--Zero or more repetitions:-->
          <item>
            <endDate>2009-06-30T23:01:26.493Z</endDate>
            <eventId>2</eventId>
            <eventType>TASK</eventType>
            <personId>7</personId>
            <personType>WORK</personType>
            <startDate>2009-06-30T23:01:26.493Z</startDate>
          </item>
        </assignedTo>
        <creator>skarim</creator>
        <description>Complete Interview</description>
        <dueDate>2009-06-30T23:01:26.493Z</dueDate>
      </in1>
    </urn:createTask>
  </soapenv:Body>
</soapenv:Envelope>

```

```

    <entityId>48</entityId>
    <entityType>CAND</entityType>
    <priority>High</priority>
    <subject>Interview Schedule</subject>
  </in1>
</urn:createTask>
</soapenv:Body>
</soapenv:Envelope>

```

Output: createTaskResponse

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <createTaskResponse xmlns="urn:TBEWebAPI">
      <createTaskReturn xmlns="">1</createTaskReturn>
    </createTaskResponse>
  </soapenv:Body>
</soapenv:Envelope>

```

### ***deleteTask Element:***

Operation type: Request-response.

- The endpoint receives a message to delete a task instance, and sends a correlated message only if error occurred.

Input: deleteTaskRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Task ID	Yes	ID of Task

Output: deleteTaskResponse

Data Field Name	Data Field Type	Required	Acceptable Values
deleteTaskReturn			

### deleteTask Test Case:

Input: deleteTaskRequest

```

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

```



```
<urn:deleteTask>
  <in0>webapi411835895647962205</in0>
  <in1>4</in1>
</urn:deleteTask>
</soapenv:Body>
</soapenv:Envelope>
```

Output: deleteTaskResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <deleteTaskResponse xmlns="urn:TBEWebAPI"/>
  </soapenv:Body>
</soapenv:Envelope>
```

### ***getTaskByEntity Element:***

Operation type: Request-response.

- The endpoint receives a message to get task(s) associated with any Taleo Business Edition entity that supports storing/creation of task events, and sends back task IDs associated with the entity ID.

Input: getTaskByEntityRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Long	Yes	Type of related entity: ACCT = accounts CAND = candidates EMPL = employees REQU = requisitions WORK = users
in2	Long	Yes	ID of associated entity

Output: getTaskByEntityResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getTaskByEntityReturn	array of task IDs		

### getTaskByEntity Test Case:

Input: getTaskByEntityRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getTaskByEntity>
      <in0>webapi411835895647962205</in0>
      <in1>CAND</in1>
      <in2>48</in2>
    </urn:getTaskByEntity>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: getTaskByEntityResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getTaskByEntityResponse xmlns="urn:TBEWebAPI">
      <getTaskByEntityReturn xmlns="">
        <array>
          <item>1</item>
          <item>2</item>
          <item>3</item>
        </array>
      </getTaskByEntityReturn>
    </getTaskByEntityResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

### ***getTaskByld Element:***

Operation type: Request-response.

- The endpoint receives a message to get task details by task ID, and sends a correlated message of task information.

Input: getTaskByldRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Task ID	Yes	ID of Task Instance

Output: getTaskByldResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getTaskByldReturn	taskBean []		

### getTaskById Test Case:

Input: getTaskByIdRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getTaskById>
      <in0>webapi411835895647962205</in0>
      <in1>1</in1>
    </urn:getTaskById>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: getTaskByIdResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getTaskByIdResponse xmlns="urn:TBEWebAPI">
      <getTaskByIdReturn xmlns="">
        <creationDate>2009-09-11T18:04:08.757Z</creationDate>
        <flexValues/>
        <id>1</id>
        <lastUpdated>2009-09-11T18:04:08.757Z</lastUpdated>
        <status>Not Started</status>
        <assignedTo>
          <item>
            <endDate xsi:nil="true"/>
            <eventId>1</eventId>
            <eventType>TASK</eventType>
            <personId>7</personId>
            <personType>WORK</personType>
            <startDate>2009-06-30T23:01:26.493Z</startDate>
          </item>
        </assignedTo>
        <creator xsi:nil="true"/>
        <description>Complete Interview</description>
        <dueDate>2009-06-30T23:01:26.493Z</dueDate>
        <entityId>48</entityId>
        <entityType>CAND</entityType>
        <priority>High</priority>
        <subject>Interview Schedule</subject>
      </getTaskByIdReturn>
    </getTaskByIdResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

## ***getTaskByUser Element:***

Operation type: Request-response.

- The endpoint receives a message to get all tasks associated with a user, and sends a correlated message of task IDs

Input: getTaskByUserRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Long	Yes	User ID
in2	Date	Yes	startDate interval for due items
in3	Date	Yes	endDate interval for due items

Output: getTaskByUserResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getTaskByUserReturn	array of task IDs		

### getTaskByUser Test Case:

Input: getTaskByUserRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getTaskByUser>
      <in0>webapi411835895647962205</in0>
      <in1>7</in1>
      <in2>2009-06-30T23:01:26.493Z</in2>
      <in3>2009-08-30T23:01:26.493Z</in3>
    </urn:getTaskByUser>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: getTaskByUserResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getTaskByUserResponse xmlns="urn:TBEWebAPI">
      <getTaskByUserReturn xmlns="">
```

```

<array>
  <item>1</item>
  <item>2</item>
  <item>3</item>
</array>
</getTaskByUserReturn>
</getTaskByUserResponse>
</soapenv:Body>
</soapenv:Envelope>

```

### ***updateTask Element:***

Operation type: Request-response.

- The endpoint receives a message to update an existing task event, and sends a correlated message only if error occurred.
- Please Note: Update requests replace all data fields in the taskBean (i.e. data is not appended or upserted). Send all elements back or the field values will be returned NULL.

Input: updateTaskRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	taskBean[] participantBean []	*	flexValues [] id * status * creator * description dueDate entityId entityType priority * subject *  assignedTo [] endDate eventId * eventType * personId * personType * startDate *

Output: updateTaskResponse

Data Field Name	Data Field Type	Required	Acceptable Values
updateTaskReturn			

## updateTask Test Case:

Input: updateTaskRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:updateTask>
      <in0>webapi411835895647962205</in0>
      <in1>
        <flexValues>
          <!--Zero or more repetitions:-->
        </flexValues>
        <id>2</id>
        <status>Completed</status>
        <assignedTo>
          <!--Zero or more repetitions:-->
          <item>
            <eventId>1</eventId>
            <eventType>TASK</eventType>
            <personId>7</personId>
            <personType>WORK</personType>
            <startDate>2009-06-30T23:01:26.493Z</startDate>
          </item>
        </assignedTo>
        <creator>skarim</creator>
        <description>Complete Interview</description>
        <dueDate>2009-06-30T23:01:26.493Z</dueDate>
        <entityId>48</entityId>
        <entityType>CAND</entityType>
        <priority>High</priority>
        <subject>Interview Schedule</subject>
      </in1>
    </urn:updateTask>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: updateTaskResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <updateTaskResponse xmlns="urn:TBEWebAPI"/>
  </soapenv:Body>
</soapenv:Envelope>
```

## User API Calls

Users are all the people with access to your Taleo Business Edition system including hiring managers, recruiters, interviewers, staffing agencies, etc.

### userBean Definition:

\*\* Picklist values within userBean may be customized/configured. Viewing source within the edit new user screen within Taleo Business Edition outlines picklist values for a client.

Data Field Name	Data Field Type	Required	Acceptable Values
id	long	Read Only	User's unique server side ID. Can be obtained by searching the user database or by creating a new user.
status	String	Yes	User's Status Value as derived from picklist. View Source on add new user page within the application to find values of status Names.
firstName	String	No	First name
middleInitial	String	No	Middle name
lastName	String	Yes	Last name.
title	String	No	User's title
location	String	No	Name of location (from pick list) assigned to this user. View Source on add new user page within the application to find values of location IDs.
manager	String	No	Login name of user's manager
phone	String	No	Phone number
cellPhone	String	No	Cell phone number
fax	String	No	Fax phone number
email	String	Yes	Email address
role	String	Yes	User's role: 'A' = Administrator 'M' = Hiring Manager 'R' = Recruiter 'E' = Employee 'G' = Agency '-' = no access
loginName	String	Yes	User's login name
timeZoneId	String	No	Local User Time zone ID as derived from picklist: 'MIT' = GMT-11:00 'Pacific/Apiá' = GMT-11:00

			'Pacific/Honolulu' = GMT-10:00 'America/Anchorage' = GMT-08:00 'America/Los_Angeles' = GMT-07:00 'America/Denver' = GMT-06:00 'America/Phoenix' = GMT-07:00 'America/Tegucigalpa' = GMT-06:00 'America/Winnipeg' = GMT-05:00 'America/Mexico_City' = GMT-05:00 'America/Chicago' = GMT-05:00 'America/Costa_Rica' = GMT-06:00 'America/Indianapolis' = GMT-04:00 'America/New_York' = GMT-04:00 'America/Bogota' = GMT-05:00 'America/Montreal' = GMT-04:00 'America/Santiago' = GMT-04:00 'America/Caracas' = GMT-04:30 'America/Thule' = GMT-03:00 'America/St_Johns' = GMT-02:30 'America/Buenos_Aires' = GMT-03:00 'America/Sao_Paulo' = GMT-03:00 'Atlantic/South_Georgia' = GMT-02:00 'Atlantic/Cape_Verde' = GMT-01:00 'Atlantic/Azores' = GMT-00:00 'Europe/Dublin' = GMT+01:00 'Africa/Casablanca' = GMT-00:00 'Europe/Amsterdam' = GMT+02:00 'Europe/Belgrade' = GMT+02:00 'Europe/Brussels' = GMT+02:00 'Europe/Warsaw' = GMT+02:00 'Africa/Lagos' = GMT+01:00 'Europe/Athens' = GMT+03:00 'Europe/Bucharest' = GMT+03:00 'Africa/Cairo' = GMT+03:00 'Africa/Harare' = GMT+02:00 'Europe/Helsinki' = GMT+03:00 'Asia/Jerusalem' = GMT+03:00 'Asia/Baghdad' = GMT+03:00 'Asia/Kuwait' = GMT+03:00 'Europe/Moscow' = GMT+04:00 'Africa/Nairobi' = GMT+03:00 'Asia/Tehran' = GMT+04:30 'Asia/Dubai' = GMT+04:00 'Asia/Baku' = GMT+05:00 'Asia/Kabul' = GMT+04:30 'Asia/Yekaterinburg' = GMT+06:00 'Asia/Karachi' = GMT+06:00 'Asia/Calcutta' = GMT+05:30 'Asia/Katmandu' = GMT+05:45 'Asia/Almaty' = GMT+06:00 'Asia/Dhaka' = GMT+07:00 'Asia/Colombo' = GMT+05:30
--	--	--	--



			'Asia/Rangoon' = GMT+06:30 'Asia/Bangkok' = GMT+07:00 'Asia/Krasnoyarsk' = GMT+08:00 'Asia/Hong_Kong' = GMT+08:00 'Asia/Irkutsk' = GMT+09:00 'Asia/Kuala_Lumpur' = GMT+08:00 'Australia/Perth' = GMT+08:00 'Asia/Taipei' = GMT+08:00 'Asia/Tokyo' = GMT+09:00 'Asia/Seoul' = GMT+09:00 'Asia/Yakutsk' = GMT+10:00 'Australia/Adelaide' = GMT+09:30 'Australia/Darwin' = GMT+09:30 'Australia/Brisbane' = GMT+10:00 'Australia/Sydney' = GMT+10:00 'Pacific/Guam' = GMT+10:00 'Australia/Hobart' = GMT+10:00 'Asia/Vladivostok' = GMT+11:00 'Asia/Magadan' = GMT+12:00 'Pacific/Auckland' = GMT+12:00 'Pacific/Fiji' = GMT+12:00 'Pacific/Tongatapu' = GMT+13:00
localeCode	String	No	Locale code as derived from picklist: 'enAU' = English - Australia 'enAT' = English - Austria 'enBE' = English - Belgium 'enCA' = English - Canada 'enFI' = English - Finland 'enFR' = English - France 'enGR' = English - Greece 'enIE' = English - Ireland 'enIT' = English - Italy 'enLU' = English - Luxembourg 'enNL' = English - Netherlands 'enNZ' = English - New Zealand 'enPT' = English - Portugal 'enGB' = English - United Kingdom 'enUS' selected = English - United States 'frCA' = French - Canada 'deDE' = German - Germany 'esMX' = Spanish - Mexico 'esES' = Spanish - Spain
lastLogin	Date	Read Only	Last Login
creationDate	Date	Read Only	Creation date
lastUpdated	Date	Read Only	Last updated date
flexValues	FlexFieldBean[]	No	Array of flexible (custom) field values

flexFieldBean Definition:

Data Field Name	Data Field Type	Required	Acceptable Values
fieldName	String	Yes	Field name
stringValue	String	No	Value of Text, Email, URL, Pick list, or Text Area field. For Multiple Pick list use ' ' to separate values.
intValue	int	No	Value of Integer field
doubleValue	double	No	Value of Decimal or Currency field
booleanValue	Boolean	No	Value of Check Box field
dateValue	Date	No	Value of Date field

### ***createUser Element:***

Operation type: Request-response.

- The endpoint receives a message to create a user, and sends a correlated message of user ID.

Input:createUserRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	userBean[]	*	flexValues [] status * cellPhone email * fax firstName lastName * localeCode location loginName * manager middleInitial phone role * timeZoneld title

Output: createUserResponse

Data Field Name	Data Field Type	Required	Acceptable Values
createUserReturn	Long	Yes	Provided User ID

createUser Test Case:

Input:createUserRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:createUser>
      <in0>webapi-7677111958344909818</in0>
      <in1>
        <flexValues>
          <!--Zero or more repetitions:-->
          <item></item>
        </flexValues>
        <status>Employee</status>
        <cellPhone>638-234-5364</cellPhone>
        <email>sk@invalidemail.com</email>
        <fax>384-239-2345</fax>
        <firstName>James</firstName>
        <lastName>Jason</lastName>
        <localeCode>Asia/Taipei</localeCode>
        <location>Vancouver</location>
        <loginName>JamesJason</loginName>
        <manager>skarim</manager>
        <middleInitial>J</middleInitial>
        <phone>897-238-24854</phone>
        <role>A</role>
        <timeZoneld>Pacific/Api</timeZoneld>
        <title>Manager</title>
      </in1>
    </urn:createUser>
  </soapenv:Body>
</soapenv:Envelope>
```

Output:createUserResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <createUserResponse xmlns="urn:TBEWebAPI">
      <createUserReturn xmlns="">16</createUserReturn>
    </createUserResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

### ***createUserWithPermissions Element:***

Operation type: Request-response.

- The endpoint receives a message to create a user with permission attributes, and sends a correlated message of user ID.

- User permissions fall within the attributesBean where 'approver' elements can be sent. These are defined based on:
  - **Permission to approve requisitions for Taleo RECRUIT = 'approver'**
  - **Permission to approve requisition hire offer for Taleo RECRUIT = 'offerAppr'**
  - **Permission to approve performance reviews in Taleo PERFORM = 'reviewApprover'**
  - **Permission to be an review manager approver in Taleo PERFORM = 'reviewManager'**
  - **Assignment to specfici department by name/string in any Taleo module = 'department'**
- User permissions can support department attribute as flex fields (FlexFieldBean) with 'department' as a key. The value can be either the department id (set on the bean as valueLong) or department name (valueString). ID takes precedence if both supplied.

Input: createUserWithPermissionsRequest

Data Field Name	Data Field Type	Required	Acceptable Values
sessionID	String	Yes	Session ID received at Login
userBeanToCreate	userBean[] attributesBean []	*	userBean  status * cellPhone email * fax firstName lastName * localeCode location loginName * manager middleInitial phone role * timeZoneld title  flexValues [] department(String) departmentId (Long)  attributes approver (Boolean) offerAppr (Boolean) reviewManager(Boolean) reviewApprover(Boolean)

Output: createUserWithPermissions Response

Data Field Name	Data Field Type	Required	Acceptable Values
createUserWithPermissions Return	Long	Yes	Provided User ID

#### createUserWithPermissions Test Case:

Input: createUserWithPermissions Request

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:createUserWithPermissions>
      <sessionId>webapi-7677111958344909818</sessionId>
      <userBeanToCreate>
        <flexValues>
          <!--Zero or more repetitions:-->
          <item>
            <fieldName>department</fieldName>
            <valueStr>Accounting</valueStr>
          </item>
          <item>
            <fieldName>department</fieldName>
            <valueStr>Customer Service</valueStr>
          </item>
        </flexValues>
        <status>Employee</status>
        <cellPhone>638-234-5364</cellPhone>
        <email>sk2@invalidemail.com</email>
        <fax>384-239-2345</fax>
        <firstName>James</firstName>
        <lastName>Jason</lastName>
        <localeCode>Asia/Taipei</localeCode>
        <location>Vancouver</location>
        <loginName>JJ1234</loginName>
        <manager>skarim</manager>
        <middleInitial>J</middleInitial>
        <phone>897-238-24854</phone>
        <role>A</role>
        <timeZoneId>Pacific/Apia</timeZoneId>
        <title>Manager</title>
      </userBeanToCreate>
      <additionalEntities>
        <!--Zero or more repetitions:-->
        <item>
          <key>offerAppr</key>
          <value>True</value>
        </item>
        <item>

```

```

    <key>approver</key>
    <value>True</value>
  </item>
  <item>
    <key>reviewManager</key>
    <value>True</value>
  </item>
  <item>
    <key>reviewApprover</key>
    <value>True</value>
  </item>
</additionalEntities>
</urn:createUserWithPermissions>
</soapenv:Body>
</soapenv:Envelope>

```

Output: createUserWithPermissionsResponse

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <createUserWithPermissionsResponse xmlns="urn:TBEWebAPI">
      <createUserWithPermissionsReturn xmlns="">18</createUserWithPermissionsReturn>
    </createUserWithPermissionsResponse>
  </soapenv:Body>
</soapenv:Envelope>

```

## ***deleteUser Element:***

Operation type: Request-response.

- The endpoint receives a message to delete a user, and sends a correlated message only if error occurred.

Input: deleteUserRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	User ID	Yes	ID of User

Output: deleteUserResponse

Data Field Name	Data Field Type	Required	Acceptable Values
deleteUserReturn			

#### deleteUser Test Case:

Input: deleteUserRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:deleteUser>
      <in0>webapi-7677111958344909818</in0>
      <in1>10</in1>
    </urn:deleteUser>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: deleteUserResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <deleteUserResponse xmlns="urn:TBEWebAPI"/>
  </soapenv:Body>
</soapenv:Envelope>
```

### ***getUserByld Element:***

Operation type: Request-response.

- The endpoint receives a message to get an User details, and sends a correlated message of User information.

Input: getUserByldRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	User ID	Yes	ID of User

Output: getUserByldResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getUserByldReturn	UserBean		

#### getUserByld Test Case:

Input: getUserByldRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getUserByld>
      <in0>webapi-7677111958344909818</in0>
      <in1>18</in1>
    </urn:getUserByld>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: getUserByldResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getUserByldResponse xmlns="urn:TBEWebAPI">
      <getUserByldReturn xmlns="">
        <creationDate>2009-09-16T00:19:11.544Z</creationDate>
        <flexValues></flexValues>
        <id>18</id>
        <lastUpdated>2009-09-16T00:19:11.544Z</lastUpdated>
        <status>Employee</status>
        <cellPhone>638-234-5364</cellPhone>
        <email>sk2@invalidemail.com</email>
        <fax>384-239-2345</fax>
        <firstName>James</firstName>
        <lastLogin>2009-09-15T22:41:15.643Z</lastLogin>
        <lastName>Jason</lastName>
        <localeCode>enUS</localeCode>
        <location>Vancouver</location>
        <loginName>jj1234</loginName>
        <manager>skar@invalidemail.com</manager>
        <middleInitial>J</middleInitial>
        <phone>897-238-24854</phone>
        <role>A</role>
        <timeZoneld>Pacific/Apia</timeZoneld>
        <title>Manager</title>
      </getUserByldReturn>
    </getUserByldResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

## ***getUserHistory Element:***



Operation type: Request-response.

- The endpoint receives a message to get a Users system history within Taleo Business Edition, and sends a correlated message of User history information.
- This object is used to fetch a history log entry which reflects a past event or action related to Users. History records can only be created by the server, they cannot be modified or deleted. History log includes server side ID, test describing history record, complete text of email message (for email events) and creation date.

Input: getUserHistoryRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Long	Yes	ID of User

Output: getUserHistoryResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getUserHistoryReturn	historyBean		

getUserHistory Test Case:

Input: getUserHistoryRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getUserHistory>
      <in0>webapi-7677111958344909818</in0>
      <in1>18</in1>
    </urn:getUserHistory>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: getUserHistoryResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getUserHistoryResponse xmlns="urn:TBEWebAPI">
      <getUserHistoryReturn xmlns="">
        <array>
          <item>
            <creationDate>2009-09-16T00:19:11.543Z</creationDate>
            <emailText xsi:nil="true"/>
            <id>654</id>
          </item>
        </array>
      </getUserHistoryReturn>
    </getUserHistoryResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

```

    <text>User created</text>
    <userName>skarim</userName>
  </item>
  <item>
    <creationDate>2009-09-16T00:19:11.543Z</creationDate>
    <emailText xsi:nil="true"/>
    <id>655</id>
    <text>Password reset</text>
    <userName>skarim</userName>
  </item>
</array>
</getUserHistoryReturn>
</getUserHistoryResponse>
</soapenv:Body>
</soapenv:Envelope>

```

## ***searchUser Element:***

Operation type: Request-response.

- The endpoint receives a message to query all Users based on defined key (field name) and value (data looking for), and sends a correlated message of User ID and associated search relevance.
- Relevance is a value between 0 and 100, which reflects how well the account matches the search criteria
- Map of search parameters always contains:
  - key: name of field to search as a string
  - value: search parameter as string.
- Format of search value may differ depending on data type of the search field:
- For text, text area, email, URL fields: simple text to be found (case-insensitive) in this field. Example:
  - key="city", value="Francisco" will search for all candidates with "Francisco" in "city" field.
- For integer, double, currency: interval between two numbers separated by '|' character. Either left (from) or right (to) side can be omitted. Example:
  - key="rank", value="100|" will search for all candidates with rank value no less than 100.
  - key="rank", value="|200" will search for all candidates with rank value no more than 200.
  - key="rank", value="100|200" will search for all candidates with rank value between 100 and 200 (inclusive).
- For date fields: interval between two dates in ISO yyyy-MM-dd format, separated by '|' character. Either left (from) or right (to) side can be omitted. Example:
  - key="startDate", value="2004-06-01|" will search for all candidates with start date on or after June 1st 2004.
  - key="startDate", value="|2004-08-01" will search for all candidates with start date on or before August 1st 2004.
  - key="startDate", value="2004-06-01|2004-08-01" will search for all candidates with start date between June 1st 2004 and August 1st 2004 (inclusive).

- For date interval fields: number of days from today to the past. Example:
  - key="addedWithin", value="7" will search for all candidates added to the system within the last week.
- For single pick list: code value or name of selected item. Example:
  - key="country", value="US" will search for all candidates with country field equals to "United States".
  - key="status", value="available" will search for all candidates in "Available" status.
- For multiple pick list: code values or names of selected items, separated by '|' character. Example:
  - key="customMultiple", value="A1|B2|X5" will search for all candidates with customMultiple field containing one or more of values: A1, B2, X5.
- For check box fields: "true" if check box must be checked, "false" is unchecked. Example:
  - key="flagged", value="true" will search for all candidates "flagged" for the user currently logged in.
- Search keys names and types can be found in Administration>Customize>User Fields. They may include both system fields (listed below for convenience) and custom fields. For custom fields External name is used as key name.

System Search Keys:

Data Field Name	Parameter Type	Description
keyword	String	Keyword(s) in user's profile. Identical syntax as used in Taleo browser interface.
firstName	String	User's first name
lastName	String	User's last name
title	String	User's title
location	Pick list	Location assigned to user
manager	String	Login name of manager assigned to user
role	String	User's role: 'A'-admin, 'M'-hiring manager, 'R'-recruiter, 'E'-employee, 'G'-agency
addedWithin	Integer	Added within N days
updatedWithin	Integer	Updated within N days

Input: searchUserRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Item...	Yes	key value

Output: searchUserResponse

Data Field Name	Data Field Type	Required	Acceptable Values
searchUserReturn	searchResultBean []		

searchUser Test Case:

Input: searchUserRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:searchUser>
      <in0>webapi-7677111958344909818</in0>
      <in1>
        <!--Zero or more repetitions:-->
        <item>
          <key>Role</key>
          <value>Administrator</value>
        </item>
      </in1>
    </urn:searchUser>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: searchUserResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <searchUserResponse xmlns="urn:TBEWebAPI">
      <searchUserReturn xmlns="">
        <array>
          <item>
            <id>7</id>
            <relevance>1.0</relevance>
          </item>
          <item>
            <id>18</id>
            <relevance>1.0</relevance>
          </item>
        </array>
      </searchUserReturn>
    </searchUserResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

### ***updateUser Element:***

Operation type: Request-response.

- The endpoint receives a message to update an existing user, and sends a correlated message only if error occurred.
- Can assign user to department via flexFields where each flexFields array appends an additional department value. The value can be either the department id (set on the bean as valueLong) or department name (as String).
- Please Note: Update requests replace all data fields in the userBean (i.e. data is not appended or upserted). Send all elements back or the field values will be returned NULL.

Input: updateUserRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	userBean	*	flexValues [] status * id * cellPhone email * fax firstName lastName * localeCode location loginName* manager middleInitial phone role * timeZoneId title  department (via FlexField)

Output: updateUserResponse

Data Field Name	Data Field Type	Required	Acceptable Values
updateUserReturn			

updateUser Test Case:

Input: updateUserRequest

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:updateUser>
      <in0>webapi-6397285969183950946</in0>
    </urn:updateUser>
  </soapenv:Body>
</soapenv:Envelope>

```

```

<in1>
  <flexValues>
    <!--Zero or more repetitions:-->
    <item>
      <fieldName>department</fieldName>
      <valueStr>Accounting</valueStr>
    </item>
    <item>
      <fieldName>department</fieldName>
      <valueStr>Customer Service</valueStr>
    </item>
  </flexValues>
  <id>28</id>
  <status>Employee</status>
  <cellPhone>923-429-1234</cellPhone>
  <email>sko@invalidemail.com</email>
  <fax>923-429-1234</fax>
  <firstName>Ulissis</firstName>
  <lastName>Castillo</lastName>
  <localeCode>Asia/Taipei</localeCode>
  <location>Seattle Office</location>
  <loginName>ucastillo</loginName>
  <manager>skarim</manager>
  <middleInitial>A</middleInitial>
  <phone>234-245-2350</phone>
  <role>A</role>
  <timeZoneld>Pacific/Apia</timeZoneld>
  <title>Manager</title>
</in1>
</urn:updateUser>
</soapenv:Body>
</soapenv:Envelope>

```

Output: updateUserResponse

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <updateUserResponse xmlns="urn:TBEWebAPI"/>
  </soapenv:Body>
</soapenv:Envelope>

```

## User Association Calls

User association are the elements that tie a specific user to a requisition within Taleo Business Edition system including hiring managers, recruiters, interviewers, staffing agencies, etc.

association Definition:

Data Field Name	Data Field Type	Required	Acceptable Values
sessionId	String	Yes	Session ID obtained at login
requisitionId	long	Yes	Requisition's ID
association	String	Yes	Picklist of Association Values: 'O' = Owner 'A' = approvers (in order) 'F' = offer approvers (in order) 'V' = agencies
userId	long	Yes	IDs of user associated with given requisition.
seqNo	int	No	Sequential number for approvers

### ***getAssociatedUsers Element:***

Operation type: Request-response.

- The endpoint receives a message to get a users association within a given requisition, and sends a correlated message array of User IDs.

Input: getAssociatedUsersRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Long	Yes	Requisition ID
in2	String	Yes	Picklist of Association Values: 'O' = Owner 'A' = approvers (in order) 'F' = offer approvers (in order) 'V' = agencies

Output: getAssociatedUsersResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getAssociatedUsersReturn			Array of User IDs

getAssociatedUsers Test Case:

Input: getAssociatedUsersRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getAssociatedUsers>
      <in0>webapi-6686750025617579220</in0>
      <in1>15</in1>
      <in2>O</in2>
    </urn:getAssociatedUsers>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: getAssociatedUsersResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getAssociatedUsersResponse xmlns="urn:TBEWebAPI">
      <getAssociatedUsersReturn xmlns="">
        <array>
          <item>7</item>
        </array>
      </getAssociatedUsersReturn>
    </getAssociatedUsersResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

## ***removeAssociatedUser Element:***

Operation type: Request-response.

- The endpoint receives a message to remove an association of a user to a requisition, and sends a correlated message only if error occurred.

Input: removeAssociatedUserRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Long	Yes	ID of Requisition
in2	String	Yes	Picklist of Association Values: 'O' = Owner 'A' = approvers (in order) 'F' = offer approvers



			(in order) 'V' = agencies
in3	Long	Yes	ID of User

Output: removeAssociatedUserResponse

Data Field Name	Data Field Type	Required	Acceptable Values
removeAssociatedUserReturn			

removeAssociatedUser Test Case:

Input: removeAssociatedUserRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:removeAssociatedUser>
      <in0>webapi-6686750025617579220</in0>
      <in1>15</in1>
      <in2>0</in2>
      <in3>7</in3>
    </urn:removeAssociatedUser>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: removeAssociatedUserResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <removeAssociatedUserResponse xmlns="urn:TBEWebAPI"/>
  </soapenv:Body>
</soapenv:Envelope>
```

## ***setAssociatedUser Element:***

Operation type: Request-response.

- The endpoint receives a message to set a user's association to a requisition, and sends a correlated message only if error occurred.

Input: setAssociatedUserRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received

			at Login
in1	Long	Yes	ID of requisition
in2	String	Yes	Picklist of Association Values: 'O' = Owner 'A' = approvers (in order) 'F' = offer approvers (in order) 'V' = agencies
in3	Long	Yes	ID of User
in4	String	No	Sequence Number of user to association value (i.e. first approver = 1, second approver = 2, etc.)

Output: setAssociatedUserResponse

Data Field Name	Data Field Type	Required	Acceptable Values
setAssociatedUserReturn			

setAssociatedUser Test Case:

Input: setAssociatedUserRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:setAssociatedUser>
      <in0>webapi-6686750025617579220</in0>
      <in1>15</in1>
      <in2>O</in2>
      <in3>7</in3>
      <in4>1</in4>
    </urn:setAssociatedUser>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: setAssociatedUserResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <setAssociatedUserResponse xmlns="urn:TBEWebAPI"/>
  </soapenv:Body>
</soapenv:Envelope>
```

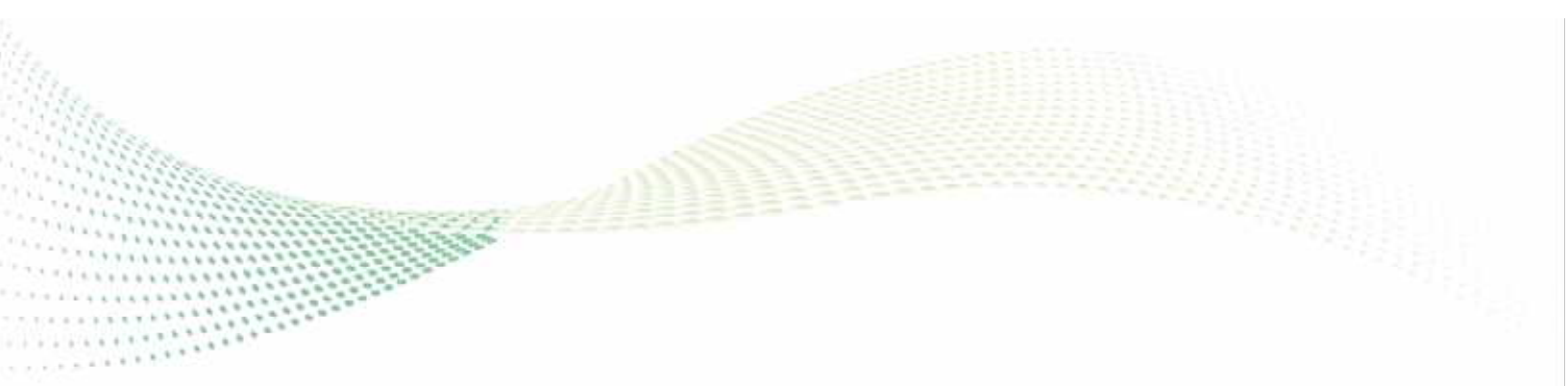
## Revision Control

This portion of the document provides for a historic backlog of document changes, please refer to the below table for details on document changes.

### *Version Details and Background*

Date	Document	Document Changes
Sept. 2009	API Guide_sept09.doc	<ul style="list-style-type: none"> <li>Complete Document re-write</li> </ul>
Dec. 2009	API Guide_dec09.doc	<ul style="list-style-type: none"> <li>General spelling, document grammar fixes</li> <li>Page 157: Per BUG 8550, made note on integration values (post   value defined within GUI) and in getLookup response are not useable via the API for source, state, country, race and veteran - only field names can be used.</li> <li>Page 54: per BUG 6962, fixed getCandidateDetails call to include &lt;in7&gt; attribute for includeOffers</li> </ul>
Jan. 2010	API Guide_jan10.doc	<ul style="list-style-type: none"> <li>Page 72: fixed sample XML for createCandidate (cellPhone attribute listed twice)</li> <li>Page 73: fixed sample XML for updateCandidate (ending URN stated incorrect)</li> <li>Page 67: searchCandidate keys/values listed "ReasonRej", changed to 'reasonRej'</li> </ul>
Mar. 2010	API Guide_mar10.doc	<ul style="list-style-type: none"> <li>Page 97: put in comment for BUG 9470. API overwrites defined &lt;creator&gt; field with API logged in session userName value</li> </ul>
May 2010	API Guide_may10.doc	<ul style="list-style-type: none"> <li>Page 8: added Revision / Version Control Section for document update logging</li> <li>Page 195: added 'isTemplate' searchRequisition attribute per BUG 9165. API now allows searching job library where attribute isTemplate = true.</li> <li>Page 182: removed city and state attributes from createRequisition. City and State fields are system derived from &lt;location&gt; variable. Location field maps to Taleo location organization table which encompasses defined city and state maps for each defined location.</li> <li>Page 157: per BUG 9662 added note for getLookup 'fieldName' requiring true custom database field name versus descriptive (GUI) field name.</li> <li>Page 13: per BUG 9869 added section 'Date and Time</li> </ul>

		Field Description' for dateTime stamp description.
July 2010	API Guide_aug10	<ul style="list-style-type: none"> <li>• Page 15: added Field Character Limits section.</li> <li>• Page 98: put in comment for BUG 10290. API overwrites defined &lt;creator&gt; field in updateContact bean with API logged in session userName value</li> </ul>
August 2011	API Guide_aug11	<ul style="list-style-type: none"> <li>• Changed document branding</li> <li>• Per version 11.3, added: <ul style="list-style-type: none"> <li>• departmentBean and associated calls</li> <li>• locationBean and associated calls</li> <li>• regionBean and associated calls</li> </ul> </li> <li>• In createUserWithPermissions, added following accessible/assignable &lt;attributes&gt;: <ul style="list-style-type: none"> <li>• reviewManager(Boolean)</li> <li>• reviewApprover(Boolean)</li> </ul> </li> <li>• In userBean, added following new (standard template) accessible fields: <ul style="list-style-type: none"> <li>• departmentId (String) – via FlexFieldBean</li> <li>• departmentName (String) – via FlexFieldBean</li> </ul> </li> <li>• In candidateBean, added following new (standard template) accessible fields: <ul style="list-style-type: none"> <li>• ssn(encryptedString) - via FlexFieldBean</li> <li>• birthdate(encryptedDate) - via FlexFieldBean</li> </ul> </li> <li>• In employeeBean, added following new (standard template) accessible fields: <ul style="list-style-type: none"> <li>• ssn(encryptedString) - via FlexFieldBean</li> <li>• birthdate(encryptedDate) - via FlexFieldBean</li> </ul> </li> <li>• In requisitionBean, added following new (standard template) accessible fields: <ul style="list-style-type: none"> <li>• departmentId (String) – via FlexFieldBean</li> <li>• departmentName (String) – via FlexFieldBean</li> </ul> </li> <li>• updated description of Rolling Entities to denote Employee Entity (in addition to candidate)</li> </ul>



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