



Buying Candidates Web Service

Version 1.2

Jobg8 Limited

Buying Candidates Web Service		17 August 2018
	Version 1.2	1



Document Version History

Date	Version	Description	Author
17 April 2015	1.0	Initial Version	Sarah Poole
22 Sept 2015	1.1	Updated GetActivity method	Brad O'Connor
17 Aug 2018	1.2	Add GetActivity additional note	Brad O'Connor

Buying Candidates Web Service		17 August 2018
	Version 1.2	2



1. Contents

DOCUMENT VERSION HISTORY	2
1. CONTENTS	3
2. OVERVIEW	4
3. BUYING CANDIDATES WEB SERVICE	5
3.1 FAILURE RESPONSES	5
4. GETACTIVITYTOKEN METHOD	6
4.1 EXAMPLE TOKEN	6
5. GETACTIVITY METHOD	7
5.1 CANDIDATE DETAILS	7
5.2 EXAMPLE RESPONSE XML	8

Buying Candidates Web Service		17 August 2018
	Version 1.2	3



2. Overview

This web service provides functionality to collect candidates purchased from the Jobg8 Network.

This is a technical document and assumes the reader has a working knowledge of XML and web services.

Buying Candidates Web Service		17 August 2018
	Version 1.2	4



3. Buying Candidates Web Service

The web service URI is:

<http://www.jobg8.com/WebService/BuyingCandidates.asmx>

This web service exposes the following methods:

- GetActivityToken
- GetActivity

A username, password and account ID is expected by all these methods as access credentials. These are the same login details that are used to access the Jobg8 website. Please contact customer support if you require a specific user be created for the purpose of using this web service.

Schemas and example XML are available upon request.

3.1 Failure Responses

When a Jobg8 issue is encountered after successfully calling one of the web service methods, a failure response will be returned. Below is an example of the failure XML:

```
<Error xmlns="">  
  <Code>2</Code>  
  <Type>InvalidCredentials</Type>  
  <Message>Invalid Credentials</Message>  
</Error>
```

This XML will contain one of the subsequent errors:

Code	Type	Message
1	Exception	Exception – Please contact Jobg8 support
2	InvalidCredentials	Invalid Credentials
3	AccountAccessDenied	Account Access Denied
8	InvalidToken	Invalid or Expired Token

Buying Candidates Web Service		17 August 2018
	Version 1.2	5



4. GetActivityToken Method

This method can be used to get an activity token. A token represents a time period between the time the last token was requested and the current token request.

The token is used as a parameter in the GetActivity method and is reusable until another token is requested.

The following parameters are expected:

Parameter	Type	Description
username	String	Access credential.
password	String	Access credential.
accountID	Integer	Indicates the account the candidate was purchased by.

Successfully calling this method will return a 36 character token.

4.1 Example Token

<Token>3C7E316D-53CA-41E9-B8AA-6C5D68ACDC2F</Token>

Buying Candidates Web Service		17 August 2018
	Version 1.2	6



5. GetActivity Method

This method can be used to retrieve any purchased candidates relating to the time period of the most recently requested token. A token can be requested by using the GetActivityToken method.

This method can be polled at any interval but we recommend it is used regularly to reduce the size of the responses generated. Candidate details are available for a maximum of 30 days.

The following parameters are expected:

Parameter	Type	Description
username	String	Access credential.
password	String	Access credential.
accountID	Integer	Indicates the account the candidate was purchased by.
token	String	Activity token retrieved from GetActivityToken Method.

5.1 Candidate Details

These details will be supplied for each Candidate.

Detail	Description
Name	Name of the Candidate.
Email Address	Email Address of the Candidate.
Cost	The cost of the candidate (excludes tax).
CV and Cover Letter	The CV and Cover Letter elements contain binary Base64-encoded content, which can be used to restore the original files according to the file type specified in the Filename attribute.
Job ID	The Jobg8 identifier for the job the candidate applied for.
Sector	The Sector of the job the candidate applied for.
Area	The Area of the job the candidate applied for.
Location	The Location of the job the candidate applied for.
Country	The Country of the job the candidate applied for.
Position	The Position of the job the candidate applied for.
UTC Date Applied	The Coordinated Universal Time (UTC) date/time the candidate applied for the job. Formatted as a SortableDateTimePattern.
Candidate ID	The identifier of this candidate.
Sender Reference	The reference provided when the job was posted to Jobg8.

Please note, depending on the registration process the candidate name is not required and therefore the Name element can be empty.

Buying Candidates Web Service		17 August 2018
	Version 1.2	7



5.2 Example Response XML

```
<Candidates xmlns="">
  <Candidate>
    <Name>Joe Bloggs</Name>
    <EmailAddress>joe.bloggs@candidate.com</EmailAddress>
    <Cost>1.50</Cost>
    <CV Filename="cv_Resume.txt">VGVzdA==</CV>
    <CoverLetter Filename="cl_CoverLetter.txt">VGVzdA==</CoverLetter>
    <JobID>12345</JobID>
    <Sector ValueID="6200">Accounting</Sector>
    <Area ValueID="94722">Colchester</ Area >
    <Location ValueID="12037">Essex</ Location >
    <Country ValueID="246">United Kingdom</ Country >
    <Position>Accountant Required</Position>
    <UTCDateApplied>2015-03-01T13:21:34</UTCDateApplied>
    <CandidateID>54321</CandidateID>
    <SenderReference>xyz789</SenderReference>
  </Candidate>
</Candidates>
```

Buying Candidates Web Service		17 August 2018
	Version 1.2	8