

API USER GUIDE 2.28

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1 INTRODUCTION

This document describes Central Test API based on REST Protocol (Representational State Transfer).

More information about REST can be found under:

http://en.wikipedia.org/wiki/Representational_State_Transfer

This document lists all the available REST services and their suitable parameters. Each service comes with an example of the output on success.

In the following :

- company states the entity that invites people to take a test
- candidate or participant states the person that will take the test
- assessment states the fact of taking an assessment

1.1 Format

1.1.1 Request format

The output format can be switched between XML and JSON for each method. However, JSON is recommended as the output size would be lower. Therefore, JSON is used as the default format if none is given.

To choose XML output format, use « xml » in service call.

To choose the JSON output format, use « json » in the service call.

1.1.2 Data format definition

Integer : numeric value. Ex : « 153 »

String : string value. Ex « some string »

Boolean : 0 or 1

Integer collection : collection of integers, comma separated. Ex : « 1,2,3 » or « 1 »

1.2 Token

The first step to use the Central Test API is the authentication method. This authentication method returns a private token. Each further call of any method has to rely on this token. Therefore, the token has to be put in the http header attribute WWW-Authenticate of each method. The token has a lifespan of 30 seconds and will be destroyed automatically after 30 seconds of inactivity.

1.2.1 JSON

```
{  
"error": {
```

```

        "code":401,
        "messages":[
            "invalid token"
        ]
    }
}

```

Errors can be specific to a field.

```

{
  "error":{
    "code":500,
    "messages":{
      "password":"\"12\" is too short (3 characters min).",
      "email":"An object with the same \"email\" already exist."
    }
  }
}

```

1.2.2 XML

```

<?xml version="1.0" encoding="utf-8"?>
<error code="401">
  <messages>
    <message><![CDATA[invalid token]]></message>
  </messages>
</error>

```

Errors can be specific to a field.

```

<?xml version="1.0" encoding="utf-8"?>
<error code="500">
  <messages>
    <message field="password"><![CDATA["12" is too short (3 characters min).]]></message>
    <message field="email"><![CDATA[An object with the same "email" already exist.]]></message>
  </messages>
</error>

```

1.2.3 JSON

```

{

```

```
"token": "{SSHA}MzxfRjbQGXXP+DbDZ5F6YxkG03Cd67h3"
}
```

1.2.4 XML

```
<?xml version="1.0" encoding="utf-8"?>
<success>
  <token><![CDATA[{SSHA}7fX0eIcAN6F4PW2pgLofoDSOGJDCUwO/]]></token>
</success>
```

2 RETURN

All services return a 200 HTTP code on success, and a 500 HTTP code on error

2.1 Success

The relevant information (recorded data) is returned. Find in each service description the specific output it returns.

In the examples below, the JSON output is formatted with an indentation for readability convenience.

2.2 Error

If any error occurs, the error details (error code and error message) are given within the output.

3 AUTHENTICATION

3.1 Call

Url: [https://app.centraltest.com/customer/REST/connect/\[FORMAT\]](https://app.centraltest.com/customer/REST/connect/[FORMAT])

Method: GET or POST

HTTP Headers : none

Parameters :

- login (string)
- password (string)

3.2 Output

The method returns the token to use for any further call.

For all other services, the token is mandatory and has to be used in the **WWW-Authenticate** http

header attribute.

4 REFERENCE DATA

These methods allow you to retrieve the reference data from Central Test's database. Those data may be required during the call of some methods.

4.1 Get the list of titles (civility): list/title

This list is used during the candidate management process.

4.1.1 Call

Url: [https://app.centraltest.com/customer/REST/list/title/\[FORMAT\]](https://app.centraltest.com/customer/REST/list/title/[FORMAT])

Method: GET or POST

HTTP Headers : WWW-Authenticate => [TOKEN]

Parameters : none

Optional parameters :

- locale_id (integer) : Default display language. (See list/locale service to get ids).

4.1.2 Success output

The method returns the list of the available titles with their id and their label.

JSON

```
[
  {
    "id": "1",
    "label": "Mr"
  },
  ...
]
```

XML

```
<?xml version="1.0" encoding="utf-8"?>
<success>
  <titles>
    <title id="1">
      <label><![CDATA[Mr]]></label>
    </title>
    ...
  </titles>
</success>
```

4.2 Get the list of available locales: list/locale

Returns the list of available locales.

Note : The availables locales are different from the list of the assessments available languages.

4.2.1 Call

Url: [https://app.centraltest.com/customer/REST/list/locale/\[FORMAT\]](https://app.centraltest.com/customer/REST/list/locale/[FORMAT])

Method: GET or POST

HTTP Headers : WWW-Authenticate => [TOKEN]

Parameters : none

4.2.2 Success output

The method returns the list of the available locales with their id, code and label.

JSON

```
[
  {
    "id": "2",
    "code": "fr_FR",
    "label": "Fran\u00e7ais (FR)"
  },
  {
    "id": "1",
    "code": "en_US",
    "label": "English (US)"
  },
  ...
]
```

XML

```
<?xml version="1.0" encoding="utf-8"?>
<success>
  <locales>
    <locale id="2">
      <code><![CDATA[fr_FR]]></code>
      <label><![CDATA[Fran\u00e7ais (FR)]]></label>
    </locale>
    <locale id="1">
      <code><![CDATA[en_US]]></code>
      <label><![CDATA[English (US)]]></label>
    </locale>
    ...
  </locales>
```

</success>

4.3 Get the list of activity area: list/activitySector

Returns the list of the available activity sectors.

4.3.1 Call

Url: https://app.centraltest.com/customer/REST/list/activitySector/[*FORMAT*]

Method: GET or POST

HTTP Headers : WWW-Authenticate => [*TOKEN*]

Parameters : none

Optional parameters :

- locale_id (integer) : Default display language. (See list/locale service to get ids).

4.3.2 Success output

JSON

```
[
  {
    "id": "1",
    "label": "Advertising or PR agency"
  },
  {
    "id": "2",
    "label": "Recruitment agency"
  },
  ...
]
```

XML

```
<?xml version="1.0" encoding="utf-8"?>
<success>
  <activitySectors>
    <activitySector id="1">
      <label><![CDATA[Advertising or PR agency]]></label>
    </activitySector>
    <activitySector id="2">
      <label><![CDATA[Recruitment agency]]></label>
    </activitySector>
    ...
  </activitySectors> </success>
```

5 YOUR COMPANY SETTINGS

These following services return the settings of your Central Test client account.

5.1 Get the list of the available tests : list/test

The method returns the list of the tests you have access to. (Caution, This method does not return the IT tests)

5.1.1 Call

Url: [https://app.centraltest.com/customer/REST/list/test/\[FORMAT\]](https://app.centraltest.com/customer/REST/list/test/[FORMAT])

Method: GET or POST

HTTP Headers : WWW-Authenticate => [TOKEN]

Parameters : none

Optional parameters requiring the « company management » access :

- company_id (integer) : Id of the company.

5.1.2 Success output

Each test comes with the following data :

- label
- category
- path to its logo
- the available languages for the test.
- test price (in credits)

A language item comes with the following attributes :

- id : id of the language
- questionnaire : 1 if the test can be taken in that language
- report : 1 if the report can be displayed in that language
- name : label of the language
- code : ISO code of the locale
- test_name : label of the test in that language
- test_logo : logo path of the test in that language

The attribute « details » is added to each attribute « language » if the test belongs to the category « IT tests ». And the attribute « details » includes the following :

JSON

Example of a non-IT test (Personality tests, Reasoning tests, ...)

```
[
{
  "id": "144",
  "category": "Personality and attitudes",
```

```

"label":"Professional Profile 2 ",
"logo":"http://app.centraltest.com/files/logos/PP_II/PP-2__log2_us-141-16.png", "price_in_credits":"37.00",
"languages":[
{
"id":1,
"questionnaire":true,
"report":true,
"name":"English",
"code":"en_US",
"test_name":"Professional Profile 2 ",
"test_logo":"http://app.centraltest.com/files/logos/PP_II/PP-2__log2_us 141-16.png"
},
...
]
},
...
]

```

Example of an IT test

```

...
{
  "id":"349",
  "category":"IT",
  "label":"WinDev",
  "logo":"",
  "price_in_credits":15,
  "languages":{"1":
  {
    "id":1,
    "questionnaire":true,
    "report":1,
    "test_name":"WinDev",
    "test_logo":"",
    "name":"English (US)",
    "code":"en_US",
    "details":{
      "id":"154",
      "name":"WinDev",
      "levels":[

```

```

        {"advanced": "47882"},
        {"beginner": "51623"},
        {"medium": "29935"}
    ]
}

},
...

```

XML

```

<?xml version="1.0" encoding="utf-8"?>
<success>
  <tests>
    <test id="144">
      <label><![CDATA[Professional Profile 2 ]]></label>
      <logo><![CDATA[https://app.centraltest.com/files/logos/PP_II/PP-2_log2_us-141-16.png]]></logo>
      <price_in_credits>37.00</price_in_credits>
      <languages>
        <language id="1" questionnaire="1" report="1">
          <name><![CDATA[English]]></name>
          <code><![CDATA[en_FR]]></code>
          <test_name><![CDATA[Professional Profile 2 ]]></test_name>
          <test_logo><![CDATA[https://app.centraltest.com/files/logos/PP_II/PP 2__log2_us-141-16.png]]></test_logo>
        </language>
      </languages>
    </test>
  </tests>
</success>

```

5.2 Get the list of your activated features: list/contract

The method returns the list of the tests and features that are activated on your client account.

5.2.1 Call

Url: [https://app.centraltest.com/customer/REST/list/contract/\[FORMAT\]](https://app.centraltest.com/customer/REST/list/contract/[FORMAT])

Method: GET or POST

HTTP Headers : WWW-Authenticate => [TOKEN]

Parameters : none

Optional parameters requiring the « company management » access :

- company_id (integer) : Id of the company.

5.2.2 Success output

The list of tests and features that are activated on your client account.

A feature comes with the following data :

- id
- name
- active : whether the feature is enabled or not
- type : test or option.

JSON

```
[
  {
    "id": "50",
    "name": "Customize emails",
    "active": 1,
    "type": "option"
  },
  {
    "id": "45",
    "name": "Customize reports",
    "active": 0,
    "type": "option"
  },
  ...
  {
    "id": "86",
    "name": "AMI",
    "active": 1,
    "type": "test"
  },
  {
    "id": "115",
    "name": "Business English Test",
    "active": 1,
    "type": "test"
  },
  ...
]
```

XML

```
<?xml version="1.0" encoding="utf-8"?>
<success>
<contracts>
<contract id="50" active="1">
<name><![CDATA[Customize emails]]></name>
<type><![CDATA[option]]></type>
</contract>
```

```

<contract id="45" active="0">
<name><![CDATA[Customize reports]]></name>
<type><![CDATA[option]]></type>
</contract>
...
<contract id="86" active="1">
<name><![CDATA[AMI]]></name>
<type><![CDATA[test]]></type>
</contract>
<contract id="115" active="1">
<name><![CDATA[Business English Test]]></name>
<type><![CDATA[test]]></type>
</contract>
...
</contracts>
</success>

```

5.3 Get the list of assessment languages : list/testLanguage

This method returns the list of assessment languages that are activated on your client account.

Note : The list of the available languages is different for each test.

5.3.1 Call

Url: [https://app.centraltest.com/customer/REST/list/testLanguage/\[FORMAT\]](https://app.centraltest.com/customer/REST/list/testLanguage/[FORMAT])

Method: GET or POST

HTTP Headers : WWW-Authenticate => [TOKEN]

Parameters : none

Optional parameters requiring the « company management » access :

- **company_id** (integer) : id of the company.

5.3.2 Success output

The method returns the list of the available languages with their id, code and label.

JSON

```

[
  {
    "id": "1",
    "code": "en_US",
    "label": "English (US)"
  },
  {
    "id": "2",
    "code": "fr_FR",
    "label": "Fran\u00e7ais (FR)"
  },

```

...
]

XML

```
<?xml version="1.0" encoding="utf-8"?>
<success>
  <testLanguages>
    <testLanguage id="2" default="0">
      <code><![CDATA[fr_FR]]></code>
      <label><![CDATA[Français (FR)]]></label>
    </testLanguage>
    <testLanguage id="1" default="0">
      <code><![CDATA[en_US]]></code>
      <label><![CDATA[English (US)]]></label>
    </testLanguage>
    ...
  </testLanguages>
</success>
```

6 MANAGING CANDIDATES

6.1 Create a candidate : create/candidate

6.1.1 Call

Url: <https://app.centraltest.com/customer/REST/create/candidate/>[*FORMAT*]

Method: POST

HTTP Headers : WWW-Authenticate => [*TOKEN*]

Parameters :

- password (string) : the password
- lastname (string) : the lastname
- firstname (string) : the firstname
- title_id (integer) : the id of the title (See list/title service to get ids)
- country_code (string) : the ISO 3166 code of the country (Refer to https://en.wikipedia.org/wiki/ISO_3166)

Optional parameters :

- email (string) : the email
- group_id (integer) : the id of the group (See list/group service to get ids)
- noEmail (boolean) : When set to 1, disable emails sent to candidates [defaults to 0]. By default, the candidate receives an email when his account is created, and another email if « automatic invitation » is enabled for some tests. Set this parameter to 1 to disable these emails.
- sector_id (integer) : id of the activity sector (see list/activitySector)
- postal_code (string) : postal code of the candidate

- phone (string) : phone number of the candidate
- function (string) : description of the job of the candidate
- observations (string) : observation to add to the candidate account

Optional parameters requiring the « company management » access :

- company_id (integer) : id of the company for which to create the candidate. Defaults to your company.

6.1.2 Success output

The method returns data for the created candidate.

JSON

```
{
  "id": "37239",
  "title_id": "1",
  "country_code": null,
  "email": null,
  "login": "jdoe134.ecaga",
  "lastname": "Doe",
  "firstname": "John",
  "last_connection_date": null,
  "groups": [],
  "postal_code": "77000",
  "phone": "0606060606",
  "function": "CEO",
  "sector_id": "1",
  "observations": [
    { "message": "met at the conference", "date": "2015-11-16 12:51:25" }
  ]
}
```

XML

```
<?xml version="1.0" encoding="utf-8"?>
<success>
  <candidate id="37239" title_id="1" postal_code="77000" phone="0606060606" sector_id="1">
    <country_code><![CDATA[]]></country_code>
    <email><![CDATA[]]></email>
    <login><![CDATA[jdoe135.ecaga]]></login>
    <lastname><![CDATA[Doe]]></lastname>
    <firstname><![CDATA[John]]></firstname>
    <last_connection_date><![CDATA[]]></last_connection_date>
    <groups/>
    <function><![CDATA[CEO]]></function>
    <observations>
      <observation>
        <message><![CDATA[met at the conference]]></message>
```

```
<date><![CDATA[2015-11-16 12:51:25]]></date>
</observation>
</observations>
</candidate>
</success>
```

6.2 Update a candidate : update/candidate

6.2.1 Call

Url: [https://app.centraltest.com/customer/REST/update/candidate/\[FORMAT\]](https://app.centraltest.com/customer/REST/update/candidate/[FORMAT])

Method: POST

HTTP Headers : WWW-Authenticate => [TOKEN]

Parameters :

- id (integer) : the id of the candidate

Optional parameters :

- email (string) : the email
- password (string) : the password
- lastname (string) : the lastname
- firstname (string) : the firstname
- title_id (integer) : the id of the title (See list/title service to get ids)
- country_code (string) : the ISO 3166 code of the country (Refer to https://en.wikipedia.org/wiki/ISO_3166)
- sector_id (integer) : id of the activity sector (see list/activitySector)
- postal_code (string) : postal code of the candidate
- phone (string) : phone number of the candidate
- function (string) : description of the job of the candidate
- observations (string) : observation to add to the candidate account

If the email address changes, the candidate has to activate it from a secure link that will be sent to this mailbox.

6.2.2 Success output

The method returns data for the updated candidate.

The *last_connection_date* field returns the last connection date of the candidate. The *email_to_confirm* field returns the newly set email address that needs to be validated (only if any).

JSON

```
{
  "id": "37239",
  "title_id": "1",
  "country_code": null,
  "email": null,
  "login": "jdoe134.ecaga",
  "lastname": "Doe",
  "firstname": "John",
  "last_connection_date": null,
```

```

    "groups":[],
    "postal_code":"77000",
    "phone":"0606060606",
    "function":"CEO",
    "sector_id":"1",
    "observations":[
      {"message":"met at the conference","date":"2015-11-16 12:51:25"}
    ]
  }
}

```

XML

```

<?xml version="1.0" encoding="utf-8"?>
<success>
  <candidate id="37239" title_id="1" postal_code="77000" phone="0606060606" sector_id="1">
    <country_code><![CDATA[]]></country_code>
    <email><![CDATA[]]></email>
    <login><![CDATA[jdoe135.ecaga]]></login>
    <lastname><![CDATA[Doe]]></lastname>
    <firstname><![CDATA[John]]></firstname>
    <last_connection_date><![CDATA[]]></last_connection_date>
    <groups/>
    <function><![CDATA[CEO]]></function>
    <observations>
      <observation>
        <message><![CDATA[met at the conference]]></message>
        <date><![CDATA[2015-11-16 12:51:25]]></date>
      </observation>
    </observations>
  </candidate>
</success>

```

6.3 Retrieve candidate's data : retrieve/candidate

6.3.1 Call

Url: [https://app.centraltest.com/customer/REST/retrieve/candidate/\[FORMAT\]](https://app.centraltest.com/customer/REST/retrieve/candidate/[FORMAT])

Method: POST or GET

HTTP Headers : WWW-Authenticate => [TOKEN]

Parameters :

- id (integer) : id of the candidate
- email (string) : email of the candidate

Request params must contain either an « id » or an « email ».

6.3.2 Success output

This method returns the same output than the « update/candidate » and « create/candidate » services.

JSON

```
{
  "id": "37239",
  "title_id": "1",
  "country_code": null,
  "email": null,
  "login": "jdoe134.ecaga",
  "lastname": "Doe",
  "firstname": "John",
  "last_connection_date": null,
  "groups": [],
  "postal_code": "77000",
  "phone": "0606060606",
  "function": "CEO",
  "sector_id": "1",
  "observations": [
    { "message": "met at the conference", "date": "2015-11-16 12:51:25" }
  ]
}
```

XML

```
<?xml version="1.0" encoding="utf-8"?>
<success>
  <candidate id="37239" title_id="1" postal_code="77000" phone="0606060606" sector_id="1">
    <country_code><![CDATA[]]></country_code>
    <email><![CDATA[]]></email>
    <login><![CDATA[jdoe135.ecaga]]></login>
    <lastname><![CDATA[Doe]]></lastname>
    <firstname><![CDATA[John]]></firstname>
    <last_connection_date><![CDATA[]]></last_connection_date>
    <groups/>
    <function><![CDATA[CEO]]></function>
    <observations>
      <observation>
        <message><![CDATA[met at the conference]]></message>
        <date><![CDATA[2015-11-16 12:51:25]]></date>
      </observation>
    </observations>
  </candidate>
</success>
```

6.4 Delete a candidate : delete/candidate

6.4.1 Call

Url: https://app.centraltest.com/customer/REST/delete/candidate/[*FORMAT*]

Method: POST or GET

HTTP Headers : WWW-Authenticate => [*TOKEN*]

Parameters :

- id (integer) : the id of the candidate

Optional parameters requiring the « company management » access :

- company_id (integer) : id of the company for which deletes the candidate. Defaults to your company.

6.4.2 Success output

The method returns the id of the deleted candidate.

All information about the candidate and his related assessments are deleted.

JSON

```
{"id":"60223"}
```

XML

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

```
<success>
```

```
<candidate id="60223"/>
```

```
</success>
```

6.5 Invite a candidate to take a test : candidate/invite

6.5.1 Call

Url: https://app.centraltest.com/customer/REST/candidate/invite/[*FORMAT*]

Method: POST or GET

HTTP Headers : WWW-Authenticate => [*TOKEN*]

Parameters :

- id (integer) : id of the candidate **(You can specify the id or the email. Not the two)**
- email (string) : of the candidate **(You can specify the id or the email. Not the two)**
- test_id (integer) : id of the test (See list/test to get ids)
- test_language_id (integer collection) : the id of the language to take the test (See « list/test » to get the list of the ids)

Other mandatory parameters for IT tests invitation :

- detail_id : id of the sub category of the IT test. This id can be retrieved from the API 5.1 (See « list/test »)
- detail_level_id : id of the test level to take. This data can be retrieved from the API 5.1 (See « list/test »)

Optional parameters :

- report_language_id (integer) : the id of the language in which the report would be

displayed (See « list/test » to get the list of the ids). By default, the report is displayed in the same language as the questionnaire.

- no_email (boolean) : by default, an invitation email is sent to the candidate. Set this to 1 to send no email
- candidate_can_see_report (boolean) : specify if the candidate can see the report. If not given, defaults to what is configured in your account.
- referential (json) : the customized referential to see in the report, only specify the primary factors, opposite factor score will be calculated automatically
 - Ex. of referential parameter format

```
{
  « name » : « My referential »
  « lang » : 1,
  « job » : « Lead developer »
  « factor » : {
    [
      {
        « id » : 64
        « score » : 8
      }
      ...
    ]
  }
}
```

- evaluateur_id (int or string) : add an evaluator to the candidate, maybe ID of the evaluator or his email address

Optional parameters requiring the « company management » access :

- company_id (integer) : id of the company for which invites the candidate. Defaults to your company.

6.5.2 Success output

The method returns the assessment id and a link that allows the candidate to directly access the assessment.

JSON

```
{"id":"80367","link":"http://app.centraltest.com/assessment/secureLink/1b53a031498a038bb66e15750281f233"}
```

XML

```
<?xml version="1.0" encoding="utf-8"?>
<success>
  <assessment id="80367">
    <link><![CDATA[https://app.centraltest.com/assessment/passation/GwHpqzFyNPMhVUz1569II7h2Cxd67iBM] ]></link>
  </assessment>
```

</success>

6.6 Generate an auto-login link for a candidate : candidate/autologin

The method returns a link that allows a candidate to connect to his personal account without having to authenticate.

6.6.1 Call

Url: https://app.centraltest.com/customer/REST/candidate/autologin/[*FORMAT*]

Method: POST or GET

HTTP Headers : WWW-Authenticate => [*TOKEN*]

Parameters :

- id (integer) : id of the candidate

Optional parameters requiring the « company management » access :

- company_id (integer) : id of the company in which the user is registered. Defaults to your company.

6.6.2 Success output

This link can only be used up to **4 times**. However, a new link is generated each time the service is called.

JSON

```
{"link":"http://app.centraltest.com/centraltest/secureLink/d5f87a7b2f39ad8ab5fc5a6940e4fc01"}
```

XML

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

```
<success>
```

```
<link><!
```

```
[CDATA[https://app.centraltest.com/centraltest/secureLink/9a02a2554abcaa7851a2cd251e0ecc4c]]></link>
```

```
</success>
```

6.7 Get id of a candidate from its V1 id : candidate/byV1Id

This service is only usable by companies that were using the old platform called V1.

6.7.1 Call

Url: https://app.centraltest.com/customer/REST/candidate/byV1Id/[*FORMAT*]

Method: GET or POST

HTTP Headers : WWW-Authenticate => [*TOKEN*]

Parameters :

- v1_id (integer) : the candidate id in v1

6.7.2 Success output

The method returns the id of the deleted group.

JSON

```
{"v2_id":"32"}
```

XML

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

```
<success>
```

```
<v2_id><![CDATA[32]]></v2_id>
```

```
</success>
```

6.8 Get the TALENT MAP of a candidate : candidate/talentMap

This method returns the TALENT MAP of a candidate (the groups, the skills/occupations and the scores).

6.8.1 Call

Url: [https://app.centraltest.com/customer/REST/candidate/talentMap/\[FORMAT\]](https://app.centraltest.com/customer/REST/candidate/talentMap/[FORMAT])

Method: GET or POST

HTTP Headers : WWW-Authenticate => [TOKEN]

Parameters :

- id (integer) : the candidate id
 - category_id (integer) : the id of the referentials' category (« 1 » :skills and « 2 » : occupations) • profile_code (string) : the code of the referentials (« none », « commercial », « manager »). Set to « none » by default
 - language_id : the id of the language in which the skills and occupations would be displayed. (See « list/test » to get the list of the ids).
 - sort_by : the attribute which will be used to sort the results. (« label » or « score ») Set to « score » by default
 - display_by_group : Define if the skills/occupations would be gathered by groups (« 0 » or « 1 ») Set to « 1 » by default
 - test_ids : The list of the tests that would be used to calculate the TALENT MAP separated by commas (« id1,id2,id3,etc... »).
- By default all the tests of the TALENT MAP are used

6.8.2 Success output

The method returns the list of the groups, skills/occupations and the scores with the matching parameters.

JSON (without groups)

[

```
{
  "id": "671",
  "label": "Assistant(e) communication",
  "score": "69 %",
    "is_custom": "true"
},
{
  "id": "730",
  "label": "Conseiller(ère) d'orientation",
  "score": "68 %",
    "is_custom": "false"
},
...
]
```

JSON (with groups)

```
[
  {
    "id": "44",
    "label": "Administration, finance, comptabilité et juridique", "profiles": [
      {
        "id": "848",
        "label": "Chargé(e) de clientèle banque / finance / assurance", "score": "58 %",
          "is_custom": "false"
      },
      ...
    ]
  },
  ...
]
```

XML (without groups)

```
<?xml version="1.0" encoding="utf-8"?>
<success>
<referentials>
<referential id="671">
<label>
<![CDATA[Assistant(e) communication]]>
```

```

</label>
<score>
<![CDATA[69 %]]>
</score>
<is_custom>
<![CDATA[false]]>
</is_custom>
</referential>
...
</referentials>
</success>

```

XML (with groups)

```

<?xml version="1.0" encoding="utf-8"?>
<success>
<referentials>
<referential id="44" type="1">
<label>
<![CDATA[Administration, finance, comptabilité et juridique]]> </label>
<profiles>
<profile id="848">
<label>
<![CDATA[Chargé(e) de clientèle banque / finance / assurance]]> </label>
<score>
<![CDATA[58 %]]>
</score>
<is_custom>
<![CDATA[false]]>
</is_custom>
</profile>
<profile id="664">
<label>
<![CDATA[Magistrat(e), juge]]>
</label>
<score>
<![CDATA[58 %]]>
</score>
<is_custom>
<![CDATA[true]]>

```

</is_custom>

</profile>

...

</profiles>

</referential>

...

</referentials>

</success>

6.9 Import a list of candidates : candidate/import

This method create a list of candidates

6.9.1 Call

Url: <https://app.centraltest.com/customer/REST/candidate/import>

Method: POST

HTTP Headers : WWW-Authenticate => [TOKEN]

Parameters :

- candidates (array) : a JSON array of candidates objects. For each object, these are the parameters :
 - **Required Parameters :**
 - password (string) : the password
 - lastname (string) : the last name
 - firstname (string) : the first name
 - title_id (integer) : the id of the title (See list/title service to get ids)
 - country_code (string) : the ISO 3166 code of the country (Refer to https://en.wikipedia.org/wiki/ISO_3166)
 - **Optional parameters :**
 - email (string) : the email
 - sector_id (integer) : id of the activity sector (see list/activitySector)
 - postal_code (string) : postal code of the candidate
 - phone (string) : phone number of the candidate
 - function (string) : description of the job of the candidate
 - observations (string) : observation to add to the candidate account
 - noEmail (boolean) : When set to 1, disable emails sent to candidate [defaults to 0]. By default, the candidate receives an email when his account is created, and another email if « automatic invitation » is enabled for some tests. Set this parameter to 1 to disable these emails.
 - group_id (integer) : the id of the group (See list/group service to get ids)

6.9.2 Success output

The method returns the list of the successfully created users and the list of errors occurred formatted like this

- result

- success : array of successfully created users
- errors :
 - missing_param : array of data which haven't all the required parameters
 - candidates : array of valid data which couldn't be created for some reasons (*for example duplicate emails*)

See example below

JSON

```
{
  "result": {
    "success": [
      {
        "id": "4475034",
        "title_id": "2",
        "country_code": "fr",
        "email": "dalebarton2@zolavo.com",
        "login": "klynch4475034.abbd",
        "lastname": "Lynch",
        "firstname": "Karina",
        "last_connection_date": null,
        "groups": [],
        "postal_code": "75012",
        "phone": null,
        "function": null,
        "sector_id": "1",
        "observations": [
          {
            "message": "observation 1",
            "date": "2019-09-16 17:38:59"
          }
        ]
      },
      {
        "errors": {
          "missing_param": [
            {
              "firstname": "Sutton",
              "title_id": 1,
              "country_code": "us",
              "sector_id": 3,
              "postal_code": 94140,
              "phone": 0,
              "observations": "observation 1"
            }
          ],
          "candidates": {
            "Hansen Carey": {
              "email": "An object with the email \"suttonortega@zolavo.com\" already exists."
            },
            "Tia Mendoza": {
              "email": "An object with the email \"hansencarey@zolavo.com\" already exists."
            }
          }
        }
      }
    ]
  }
}
```

```
}  
}  
}
```

7 MANAGING ASSESSMENTS

7.1 Get the xml report of an assessment : assessment/result

The method returns the full XML formatted report of the assessment.

Note : The method does not support IT tests reports

7.1.1 Call

Url: [https://app.centraltest.com/customer/REST/assessment/result/\[FORMAT\]](https://app.centraltest.com/customer/REST/assessment/result/[FORMAT])

Method: GET or POST

HTTP Headers : WWW-Authenticate => [TOKEN]

Parameters :

- id (integer) : id of the assessment

Optional parameters :

- graph (string) : define which type of graphs to include. Possible values :
 - none (default)
 - standard : include all graph but adequacy graphs
 - adequacy : include only adequacy graphs
 - all : include all graphs (don't work with PP2)
- language_id (mixed) : the language for the report. Possible values :
 - a language_id (integer). See « list/test » or « assessment/completed » to get the possible ids
 - « all » (string). Retrieves contents in all possible languages

If no language_id is given, the default value loads the report_language_id set during invitation.

The assessment id can be retrieved from the following services :

- user/invite
- assessment/completed
- assessment/pending

7.1.2 Success output

The method returns the full XML formatted report of the assessment.

7.2 Delete an assessment : delete/assessment

7.2.1 Call

Url: https://app.centraltest.com/customer/REST/delete/assessment/[*FORMAT*]

Method: GET or POST

HTTP Headers : WWW-Authenticate => [*TOKEN*]

Parameters :

- id (integer) : id of the assessment

The assessment id can be retrieved from the following services :

- user/invite
- assessment/completed
- assessment/pending

7.2.2 Success output

JSON

```
{"id":"80372"}
```

XML

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

```
<success>
```

```
<assessment id="80372"/>
```

```
</success>
```

7.3 Get list of completed assessments :

assessment/completed

The method returns the list of the completed assessments that match your searching criteria.

7.3.1 Call

Url: https://app.centraltest.com/customer/REST/assessment/completed/[*FORMAT*]

Method: GET or POST

HTTP Headers : WWW-Authenticate => [*TOKEN*]

Optional parameters :

- due_date_from (date YYYY-MM-DD H:i:s) : the starting test-taking date
- due_date_to (date YYYY-MM-DD H:i:s) : the ending test-taking date
- created_date_from (date YYYY-MM-DD H:i:s) : the starting test-invitation date
- created_date_to (date YYYY-MM-DD H:i:s) : the ending test-invitation date
- test_id (integer collection) : the id of the test
- candidate_id (integer collection) : the ids of the candidates to search
- group_id (integer) : the id of the group (See groups of candidate management)

- `assessment_id` (integer collection) : the ids of the assessments to search

Optional parameters requiring the « company management » access :

- `company_id` (integer) : id of the company for which to get the list. Defaults to your company.

This service can only return up to 1000 results.

Therefore if more than 1000 results match the given criteria, an error is raised (code 406, message « too many results »).

7.3.2 Success output

The output format contains these following data for each assessment :

- `id` : The id of the assessment
- `test_id` : the id of the test
- `candidate_id` : the id of the candidate
- `company_report_link` : URL of a direct link to the report (company format).
- `candidate_report_link` : URL of a direct link to the report (candidate format).
- `company_report_pdf_link` : URL of a direct link to the PDF report (company format).
- `candidate_report_pdf_link` : URL of a direct link to the PDF report (candidate format).
- `assessment_expected_date` : the expected date of the assessment
- `assessment_start_date` : the beginning of test-taking date
- `assessment_end_date` : the end of test-taking date
- `assessment_created_date` : the created date of the assessment

JSON

```
[
{
  "id": "55960",
  "test_id": "8",
  "candidate_id": "32",
  "candidate_evaluator": { "id": "37022", "prenom": "MUCHE", "nom": "TRUC"},
  "company_report_link": "http://app.centraltest.com/assessment/reportPdf?key=NzUxMmN0aTAwNTU5NjAyOGJkMTI4YmQzMjl4YmQ2",
  "candidate_report_link": "http://app.centraltest.com/assessment/reportPdf?key=NzUxMmN0aTAwNTU5NjAyOGJkMTI4YmQzMjl4YmQx",
  "company_report_pdf_link": "http://app.centraltest.com/assessment/reportPdf?key=NzUxMmN0aTAwNTU5NjAyOGJkMTI4YmQzMjl4YmQ2",
  "candidate_report_pdf_link": "http://app.centraltest.com/assessment/reportPdf?key=NzUxMmN0aTAwNTU5NjAyOGJkMTI4YmQzMjl4YmQx",
  "assessment_start_date": "2014-06-02 15:39:35",
  "assessment_end_date": "2014-06-02 15:39:38",
  "assessment_expected_date": "2014-06-02 15:39:08",
  "assessment_created_date": "2014-06-02 15:39:08",
  "test_IT_details": {
    "id": "94",
```

```

        "name": ".NET 2.0 Windows Forms",
        "level": "medium",
        "language_id": "1",
        "people_centric_id": "63219"
    },
}
]

```

XML

```

<?xml version="1.0" encoding="utf-8"?>
<success>
  <completed_assessments>
    <completed_assessment id="55960" test_id="8" candidate_id="32">
      <company_report_link><![CDATA[https://app.centraltest.com/assessment/reportPdf?
key=NzUxMmN0aTAwNTU5NjAyOGJkMTI4YmQzMjI4YmQ2]]></company_report_link>
      <candidate_report_link><![CDATA[https://app.centraltest.com/assessment/reportPdf?
key=NzUxMmN0aTAwNTU5NjAyOGJkMTI4YmQzMjI4YmQx]]></candidate_report_link>
      <assessment_expected_date><![CDATA[2014-06-02
15:39:08]]></assessment_expected_date>
      <assessment_start_date><![CDATA[2014-06-02 15:39:35]]></assessment_start_date>
      <assessment_end_date><![CDATA[2014-06-02 15:39:38]]></assessment_end_date>
      <assessment_created_date><![CDATA[2014-06-02 15:39:08]]></assessment_created_date>
    </completed_assessment>
    ...
  </completed_assessments>
</success>

```

7.4 Get list of pending assessments : assessment/pending

The method returns the list of the pending assessments.

7.4.1 Call

Url: [https://app.centraltest.com/customer/REST/assessment/pending/\[FORMAT\]](https://app.centraltest.com/customer/REST/assessment/pending/[FORMAT])

Method: GET or POST

HTTP Headers : WWW-Authenticate => [TOKEN]

Optional parameters :

- created_date_from (date YYYY-MM-DD H:i:s) : the starting test-invitation date
- created_date_to (date YYYY-MM-DD H:i:s) : the ending test-invitation date
- test_id (integer collection) : the id of the test
- candidate_id (integer collection) : the ids of the candidates to search
- group_id (integer) : the id of the group (See groups of candidate management)

Optionnal parameters requiring the « company management » access :

- `company_id` (integer) : id of the company for which to get the list. Defaults to your company

This service can only return up to 1000 results.

Therefore if more than 1000 results match the given criteria, an error is raised (code 406, message « too many results »). The searching criteria needs to be more specific.

7.4.2 Success output

The output format contains these following data for each assessment :

- `id` : The id of the assessment
- `test_id` : the id of the test
- `candidate_id` : the id of the candidate
- `assessment_expected_date` : the expected date of the assessment
- `assessment_created_date` : the creation date of the assessment
- `assessment_start_date` : the date when the assessment was started by the candidate
- `url` : in case a token was generated to access the assessment, it will be returned in the url field

JSON

```
[
{
  "id": "3012",
  "test_id": "51",
  "candidate_id": "102",
  "candidate_evaluator": { "id": "37022", "prenom": "MUCHE", "nom": "TRUC"},
  "assessment_expected_date": "2012-08-27 12:10:53",
  "assessment_created_date": "2012-08-27 12:10:55",
  "test_IT_details": {
    "id": "94",
    "name": ".NET 2.0 Windows Forms",
    "level": "medium",
    "language_id": "1",
    "people_centric_id": "63219"
  },
  "assessment_start_date": "2012-08-27 14:17:33",
  "candidate_can_see_report": 0,
  "report_language": {
    "id": "2",
    "iso-code": "fr",
    "name": "Fran\u00e7ais (FR)"
  },
  "test_languages": [
    {
      "id": "1",
```

```

        "iso-code": "en",
        "name": "English (US)"
    },
    {
        "id": "2",
        "iso-code": "fr",
        "name": "Fran\u00e7ais (FR)"
    }
]
},
...
]

```

XML

```

<?xml version="1.0" encoding="utf-8"?>
<success>
  <pending_assessments>
    <pending_assessment id="3012" test_id="51" candidate_id="102"
    candidate_can_see_report="0">
      <assessment_expected_date><![CDATA[2012-08-27
      12:10:53]]></assessment_expected_date>
      <assessment_created_date><![CDATA[2012-08-27 12:10:55]]></assessment_created_date>
      <assessment_start_date><![CDATA[2016-03-10 10:37:33]]></assessment_start_date> <report_language id="2">
        <iso-code><![CDATA[fr]]></iso-code>
        <name><![CDATA[Fran\u00e7ais (FR)]]></name>
      </report_language>
      <test_languages>
        <test_language id="1">
          <iso-code><![CDATA[en]]></iso-code>
          <name><![CDATA[English (US)]]></name>
        </test_language>
        <test_language id="2">
          <iso-code><![CDATA[fr]]></iso-code>
          <name><![CDATA[Fran\u00e7ais (FR)]]></name>
        </test_language>
      </test_languages>
    </pending_assessment>
    ...
  </pending_assessments>
</success>

```

7.5 Get list of completed assessments with a pagination : assessment/paginate/completed

The method returns the list of the completed assessments that matches to your searching criteria with a pager.

7.5.1 Call

Url: <https://app.centraltest.com/customer/REST/assessment/paginate/completed>

Method: GET or POST

HTTP Headers : WWW-Authenticate => [TOKEN]

Optional parameters :

- due_date_from (date YYYY-MM-DD H:i:s) : the starting test-taking date
- due_date_to (date YYYY-MM-DD H:i:s) : the ending test-taking date
- created_date_from (date YYYY-MM-DD H:i:s) : the starting test-invitation date
- created_date_to (date YYYY-MM-DD H:i:s) : the ending test-invitation date
- test_id (integer collection) : the id of the test
- candidate_id (integer collection) : the ids of the candidates to search
- group_id (integer) : the id of the group (See groups of candidate management)
- assessment_id (integer collection) : the ids of the assessments to search
- page : (integer) : The page to search
- order_asc (0 or 1): Order by creation date in ascending order.
- evaluator: Filter by the identity of the evaluator
- per_page (integer) : The number of assessments per page → **MAX : 100**

Optional parameters requiring the « company management » access :

- company_id (integer) : id of the company for which to get the list. Defaults to your company.

This service can only return up to 100 results per page.

Therefore if per_page > 100 an error is raised (code 400, message « Too many results. Max per_page : 100 »).

7.5.2 Success output

The output format contains these following data for each assessment in a « data » attribute:

- id : The id of the assessment
- test_id : the id of the test
- candidate_id : the id of the candidate
- company_report_link : URL of a direct link to the report (company format).
- candidate_report_link : URL of a direct link to the report (candidate format).
- company_report_pdf_link : URL of a direct link to the PDF report (company format).
- candidate_report_pdf_link : URL of a direct link to the PDF report (candidate format).
- assessment_expected_date : the expected date of the assessment
- assessment_start_date : the beginning of test-taking date
- assessment_end_date : the end of test-taking date
- assessment_created_date : the created date of the assessment

With the following data in the « pagination » attribute :

- previous_page : The previous page number (null if no previous page)
- next_page : The next page number (null if no next page)
- last_page : The last page
- current_page : The current page
- current_page_count : The number of items found in the current page
- total_count : The total number of items found

JSON

```
{
  "result": {
    "pagination": {
      "previous_page": null,
      "next_page": null,
      "last_page": 1,
      "current_page": 1,
      "current_page_count": 1,
      "total_count": "1"
    },
    "data": [
      {
        "id": "98405",
        "test_id": "139",
        "candidate_id": "37080",
        "candidate_evaluator": { "id": "37022", "prenom": "MUCHE", "nom": "TRUC" },
        "assessment_expected_date": "2020-09-09 16:09:51",
        "assessment_created_date": "2020-09-09 16:09:51",
        "test_IT_details": {
          "id": "94",
          "name": ".NET 2.0 Windows Forms",
          "level": "medium",
          "language_id": "1",
          "people_centric_id": "63219"
        },
        "company_report_link": "http://centraltest.lo:8000/assessment/report?
key=NzUxMmN0aTAwOTg0MDUyOGJkMzcwMjlyOGJkMzcwODAyOGJkNg==",
        "candidate_report_link": "http://centraltest.lo:8000/assessment/report?
key=NzUxMmN0aTAwOTg0MDUyOGJkMzcwMjlyOGJkMzcwODAyOGJkMQ==",
        "company_report_pdf_link": "http://centraltest.lo:8000/assessment/report?
key=NzUxMmN0aTAwOTg0MDUyOGJkMzcwMjlyOGJkMzcwODAyOGJkNg==&outputFormat=pdfTOC",
        "candidate_report_pdf_link":
"http://centraltest.lo:8000/assessment/report?"

```

```
key=NzUxMmN0aTAwOTg0MDUyOGJkMzcwMjlyOGJkMzcwODAyOGJkMQ==&outputFormat=pdfTOC",
"assessment_start_date": null,
"assessment_end_date": null
}
]
}
}
```

7.6 Get list of pending assessments with a pagination: `assessment/paginate/pending`

The method returns the list of the pending assessments with a pager.

7.6.1 Call

Url: `https://app.centraltest.com/customer/REST/assessment/pending`

Method: GET or POST

HTTP Headers : WWW-Authenticate => `[TOKEN]`

Optional parameters :

- `created_date_from` (date YYYY-MM-DD H:i:s) : the starting test-invitation date
- `created_date_to` (date YYYY-MM-DD H:i:s) : the ending test-invitation date
- `test_id` (integer collection) : the id of the test
- `candidate_id` (integer collection) : the ids of the candidates to search
- `group_id` (integer) : the id of the group (See groups of candidate management) • `page` : (integer) : The page to search
- `order_asc` (0 or 1): Order by creation date in ascending order.
- `evaluator`: Filter by the identity of the evaluator
- `per_page` (integer) : The number of assessments per page → **MAX : 100**

Optional parameters requiring the « company management » access :

- `company_id` (integer) : id of the company for which to get the list. Defaults to your company

This service can only return up to 100 results per page.

Therefore if `per_page > 100` an error is raised (code 400, message « Too many results. Max `per_page` : 100 »).

7.6.2 Success output

The output format contains these following data for each assessment in a « *data* » attribute:

- `id` : The id of the assessment
- `test_id` : the id of the test
- `candidate_id` : the id of the candidate
- `assessment_expected_date` : the expected date of the assessment
- `assessment_created_date` : the creation date of the assessment
- `assessment_start_date` : the date when the assessment was started by the candidate

- url : in case a token was generated to access the assessment, it will be returned in the url field

With the following data in the « *pagination* » attribute :

- previous_page : The previous page number (null if no previous page)
- next_page : The next page number (null if no next page)
- last_page : The last page
- current_page : The current page
- current_page_count : The number of items found in the current page
- total_count : The total number of items found

JSON

```
{
  "result": {
    "pagination": {
      "previous_page": 1,
      "next_page": null,
      "last_page": 2,

      "current_page": 2,
      "current_page_count": 1,
      "total_count": "2"
    },
    "data": [
      {
        "id": "98404",
        "test_id": "9",
        "candidate_id": "37080",
        "candidate_evaluator": { "id": "37022", "prenom": "MUCHE", "nom": "TRUC" },
        "assessment_expected_date": "2020-09-09 11:48:36",
        "assessment_created_date": "2020-09-09 11:48:37",
        "test_IT_details": {
          "id": "94",
          "name": ".NET 2.0 Windows Forms",
          "level": "medium",
          "language_id": "1",
          "people_centric_id": "63219"
        },
        "assessment_start_date": "2020-09-09 11:48:57",
        "url":
        "http://centraltest.io:8000/assessment/testToken/ebjgEJ8hq4cCxgM4Hcbgn8QMM2hFzYG8",
        "candidate_can_see_report": 1,
        "report_language": {
```

```

"id": "2",
"iso-code": "fr",
"name": "Français (FR)"
},
"test_languages": [
{
"id": "2",
"iso-code": "fr",
"name": "Français (FR)"
}
]
}
}
}
}
}
}
}

```

7.7 Update an assessment : update/assessment

7.7.1 Call

Url: [https://app.centraltest.com/customer/REST/update/assessment/\[FORMAT\]](https://app.centraltest.com/customer/REST/update/assessment/[FORMAT])

Method: GET or POST

HTTP Headers : WWW-Authenticate => [TOKEN]

Parameters :

- id (integer) : id of assessment to update

Optional parameters :

- test_language_id (integer collection) : the id(s) of the language to take the test (See « list/test » to get the list of the ids)
- report_language_id (integer) : the id of the language in which the report would be displayed (See « list/test » to get the list of the ids). By default, the report is displayed in the same language as the questionnaire.
- candidate_can_see_report (boolean) : specify if the candidate can see the report. If not given, defaults to what is configured in your account.

The assessment id can be retrieved from the following services :

- user/invite
- assessment/completed
- assessment/pending

7.7.2 Success output

The « report_language » is returned only if it was given when creating or updating the assessment.

JSON

```
{
  "id":"2",
  "test_id":"144",
  "candidate_id":"32",
  "assessment_expected_date":"2015-05-18 11:11:32",
  "assessment_created_date":"2015-05-18 11:11:32",
  "candidate_can_see_report":0,
  "url":"https://app.centraltest.com/assessment/passation/TGLA4GXPyoYvg6", "report_language":{
    "id":"2",
    "iso-code":"fr",
    "name":"Fran\u00e7ais (FR)"
  },
  "test_languages":[
    {
      "id":"1",
      "iso-code":"en",
      "name":"English (US)"
    },
    {
      "id":"2",
      "iso-code":"fr",
      "name":"Fran\u00e7ais (FR)"
    }
  ]
}
```

XML

```
<?xml version="1.0" encoding="utf-8"?>
<success>
  <assessment id="2" test_id="144" candidate_id="32" candidate_can_see_report="0">
    <assessment_expected_date><![CDATA[2015-05-18 11:11:32]]></assessment_expected_date>
    <assessment_created_date><![CDATA[2015-05-18 11:11:32]]></assessment_created_date> <report_language
    id="2">
      <iso-code><![CDATA[fr]]></iso-code>
      <name><![CDATA[Fran\u00e7ais (FR)]]></name>
    </report_language>
    <test_languages>
      <test_language id="1">
        <iso-code><![CDATA[en]]></iso-code>
        <name><![CDATA[English (US)]]></name>
      </test_language>
      <test_language id="2">
        <iso-code><![CDATA[fr]]></iso-code>
        <name><![CDATA[Fran\u00e7ais (FR)]]></name>
      </test_language>
    </test_languages>
  </assessment></success>
```

7.8 Send a reminder to a list of assessments : assessment/remind

7.8.1 Call

Url: https://app.centraltest.com/customer/REST/assessment/remind

Method: GET or POST

HTTP Headers : WWW-Authenticate => [TOKEN]

Parameters :

- assessment_ids (integer collections) : ids of assessments to remind

The assessment id can be retrieved from the following services :

- user/invite
- assessment/completed
- assessment/pending

7.8.2 Success output

The list of assessments successfully reminded

JSON

```
[  
  "98404",  
  "98169"  
]
```

7.9 Get the list of reminders for an assessment : assessment/remind_history

7.9.1 Call

Url: https://app.centraltest.com/customer/REST/assessment/remind_history

Method: GET or POST

HTTP Headers : WWW-Authenticate => [TOKEN]

Parameters :

- assessment_id (integer) : id of the assessment to get the history

The assessment id can be retrieved from the following services :

- user/invite
- assessment/completed
- assessment/pending

7.9.2 Success output

The list of reminders sent for the assessment

JSON

```
{
  "result": {
    "count": 3,
    "data": [
      "2020-09-30 12:13:38",
      "2020-09-30 12:42:56",
      "2020-09-30 12:43:11"
    ]
  }
}
```

7.10 Get the report global scores of an assessment

This method returns the global scores for a given assessment.

Note: The global scores is not applicable for Personality Test (PP2, CTPI, ...).

7.10.1 Call

Url: [https://app.centraltest.com/customer/REST/report/score/\[FORMAT\]](https://app.centraltest.com/customer/REST/report/score/[FORMAT])

Method: GET or POST

HTTP Headers : WWW-Authenticate => [TOKEN]

Parameters :

- assessment_id (integer) : id of the assessment

The assessment id can be retrieved from the following services :

- user/invite
- assessment/completed
- assessment/pending

7.10.2 Success output

Returns the global scores of the assessment

JSON

```
{

  "score": 1.3,

  "raw_score": 1.3,
```

```
"quotient": 3,  
  
"symbol_scale": " / 20"  
  
}
```

XML

```
<?xml version="1.0" encoding="utf-8"?>  
<success>  
  <score>  
    <![CDATA[1.3]]>  
  </score>  
  <raw_score>  
    <![CDATA[1.3]]>  
  </raw_score>  
  <quotient>  
    <![CDATA[3]]>  
  </quotient>  
  <symbol_scale>  
    <![CDATA[ / 20]]>  
  </symbol_scale>  
</success>
```

7.11 Get the factors scores of an assessment

This method returns the scores of factors for given assessment

7.11.1 Call

Url: [https://app.centraltest.com/customer/REST/report/factors_scores/\[FORMAT\]](https://app.centraltest.com/customer/REST/report/factors_scores/[FORMAT])

Method: GET or POST

HTTP Headers : WWW-Authenticate => [TOKEN]

Parameters :

- assessment_id (integer) : id of the assessment

Optional parameters :

- test_language_id (integer) : id of the language for factors labels

The assessment id can be retrieved from the following services :

- user/invite
- assessment/completed
- assessment/pending

7.11.2 Success output

Returns the scores of the factors of the assessment

JSON

```
[
  {
    "factor_id": "466",
    "factor_name": "Grammar",
    "factor_score": 8.4
  },
  {
    "factor_id": "467",
    "factor_name": "Reading Comprehension",
    "factor_score": 10
  },
  {
    "factor_id": "468",
    "factor_name": "Vocabulary",
    "factor_score": 8
  }
]
```

XML

```
<?xml version="1.0" encoding="utf-8"?>
<success>
  <factors>
    <factor factor_id="466" factor_score="8.4">
      <factor_name><![CDATA[Grammar]]></factor_name>
    </factor>
    <factor factor_id="467" factor_score="10">
      <factor_name><![CDATA[Reading Comprehension]]></factor_name>
    </factor>
    <factor factor_id="468" factor_score="8">
      <factor_name><![CDATA[Vocabulary]]></factor_name>
    </factor>
  </factors>
</success>
```

7.12 Get the groups scores of an assessment

This method returns the scores of groups for given assessment

7.12.1 Call

Url: [https://app.centraltest.com/customer/REST/report/groups_scores/\[FORMAT\]](https://app.centraltest.com/customer/REST/report/groups_scores/[FORMAT])

Method: GET or POST

HTTP Headers : WWW-Authenticate => [TOKEN]

Parameters :

- assessment_id (integer) : id of the assessment

Optional parameters :

- test_language_id (integer) : id of the language for groups labels

The assessment id can be retrieved from the following services :

- user/invite
- assessment/completed
- assessment/pending

7.12.2 Success output

Returns the scores of the groups of the assessment

JSON

```
[
  {
    "group_id": "10",
    "group_name": "Behaviour and Personality",
    "group_score": 5.4
  },
  {
    "group_id": "11",
    "group_name": "Motivations, Aspirations and Values",
    "group_score": 5.5
  }
]
```

XML

```
<?xml version="1.0" encoding="utf-8"?>
<success>
  <groups>
    <group group_id="10" group_score="5.4">
      <group_name><![CDATA[Behaviour and Personality]]></group_name> </group>
    <group group_id="11" group_score="5.5">
      <group_name><![CDATA[Motivations, Aspirations and Values]]></group_name> </group>
    </groups>
  </success>
```

7.13 Get the referentials of an assessment : assessment/referentials

This method returns the groups, the profiles and their scores for given assessment

7.13.1 Call

Url: [https://app.centraltest.com/customer/REST/assessment/referentials/\[FORMAT\]](https://app.centraltest.com/customer/REST/assessment/referentials/[FORMAT])

Method: GET or POST

HTTP Headers : WWW-Authenticate => [TOKEN]

Parameters :

- id (integer) : id of the assessment

Optional parameters :

- language_id (integer) : id of the language for the output

The assessment id can be retrieved from the following services :

- user/invite
- assessment/completed
- assessment/pending

7.13.2 Success output

Returns the scores of the groups of the assessment

JSON

```
[
{
  "id": "32",
  "label": "Entrepreneur profile",
  "adequacy_profiles": [
    {
      "id": "1295",
      "label": "The Craftsman Entrepreneur (or Self-employed)", "description": "",
      "long_description": "The Craftsman Entrepreneurs offer their professional services to various clients, be it in the
                           crafting
                           industry or in an intellectual",
      "gross_score": null,
      "calculated_score": "76",
      "calibration": null,
      "sum_theta": null
    },
    ...
  ]
},
```

...
]

XML

```
<?xml version="1.0" encoding="utf-8"?>
<success>
  <adequacy_groups>
    <adequacy_group id="32">
      <label>
        <![CDATA[Entrepreneur profile]]>
      </label>
      <adequacy_profiles>
        <adequacy_profile id="1295" calculated_score="76">
          <label>
            <![CDATA[The Craftsman Entrepreneur (or Self-employed)]]>
          </label>
          <description>
            <![CDATA[]]>
          </description>
          <long_description>
            <![CDATA[The Craftsman Entrepreneurs offer their professional services to various clients, be it in
              the crafting industry or in an intellectual]]>
          </long_description>
          <gross_score>
            <![CDATA[]]>
          </gross_score>
          <calibration>
            <![CDATA[]]>
          </calibration>
          <sum_theta>
            <![CDATA[]]>
          </sum_theta>
        </adequacy_profile>
        ...
      </adequacy_profiles>
    </adequacy_group>
    ...
  </adequacy_groups>
</success>
```

7.14 Get the list of factors of a test: `assessment/test_factors`

This method returns the list of factors of a test

7.14.1 Call

Url: https://app.centraltest.com/customer/REST/assessment/test_factors/*[FORMAT]*

Method: GET or POST

HTTP Headers : WWW-Authenticate => *[TOKEN]*

Parameters :

- test_id(integer) : id of the test

Optional parameters :

- locale_id (integer) : id of the language for factor label

7.14.2 Success output

Returns the factors of the test

JSON

```
[
{
"factor_id": "64",
"factor_label": "Sociabilité, Dynamisme",
"factor_type": "primary",
    "factor_primary_or_opposite_id": "65",
},
{
"factor_id": "65",
"factor_label": "Introversion",
"factor_type": "opposite",
    "factor_primary_or_opposite_id": "64",
},
...
]
```

XML

```
<?xml version="1.0" encoding="utf-8"?>
<success>
<factors>
<factor factor_id="64" factor_primary_or_opposite_id="65">
    <factor_label><![CDATA[Sociabilité, Dynamisme]]></factor_label>
<factor_type><![CDATA[primary]]></factor_type>
</factor>
...
</factors>
</success>
```

7.15 Get the list of interviews: /interview/list

This method returns the list of interviews of a company based on the www-authenticate used

7.15.1 Call

Url: https://app.centraltest.com/customer/REST/interview/list/[*FORMAT*]

Method: GET or POST

HTTP Headers : WWW-Authenticate => [*TOKEN*]

7.15.2 Success output

Returns the interviews of the company

JSON

```
[
{
  "id": 1,
  "name": "Sample interview",
  "price": 30,
  "category": "multimedia"
},
{
  "id": 48,
  "name": "Recruitment process PWC",
  "price": 10,
  "category": "basic"
},
...
]
```

XML

```
<?xml version="1.0" encoding="utf-8"?>
<success>
  <interviews>
    <interview id="1" price="30">
      <name>
        <![CDATA[Sample interview]]>
      </name>
      <category>
        <![CDATA[multimedia]]>
      </category>
    </interview>
  </interviews>
</success>
```

```

</category>
</interview>
<interview id="48" price="10">
<name>
<![CDATA[Recruitment process PWC]]>
</name>
<category>
<![CDATA[basic]]>
</category>
</interview>
...
</success>

```

7.16 Invite a candidate to an interview: /interview/invite

This method create an invitation to an interview for a candidate

7.16.1 Call

Url: [https://app.centraltest.com/customer/REST/interview/invite/\[FORMAT\]](https://app.centraltest.com/customer/REST/interview/invite/[FORMAT])

Method: POST

HTTP Headers : WWW-Authenticate => [TOKEN]

Parameters :

- id (int) : the id of the candidate to invite
- interview_id : the id of the interview to send to the candidate

Optional parameters :

- no_email (boolean) : by default, an invitation email is sent to the candidate. Set this to 1 to send no email

Optional parameters requiring the « company management » access :

- company_id (integer) : id of the company for which invites the candidate. Defaults to your company.

7.16.2 Success output

The method returns the assessment id and a link that allows the candidate to directly access the interview.

JSON

```

{
  "id": "96156",
  "link": "https://app.centraltest.com/assessment/testToken/1Qklklkjsq"
}

```

XML

```
<?xml version="1.0" encoding="utf-8"?>
<success>
  <assessment id="96156">
    <link>
      <![CDATA[https://app.centraltest.com/assessment/testToken/1Qklklkjsq]]> </link>
    </assessment>
  </success>
```

7.17 Get the combined scores of an assessment

This method returns the scores of the combined parts for given assessment

7.17.1 Call

Url: [https://app.centraltest.com/customer/REST/report/combined_scores/\[FORMAT\]](https://app.centraltest.com/customer/REST/report/combined_scores/[FORMAT])

Method: GET or POST

HTTP Headers : WWW-Authenticate => [TOKEN]

Parameters :

- assessment_id (integer) : id of the assessment

Optional parameters :

- test_language_id (integer) : id of the language for groups labels

The assessment id can be retrieved from the following services :

- user/invite
- assessment/completed
- assessment/pending

7.17.2 Success output

Returns the scores of the groups of the assessment

JSON

```
[
  {
    "combined_id": "67",
    "combined_name": "ÉVALUATION",
    "factor_1": {
      "label": "Motivation",
      "score": 3.1
    },
    "factor_2": {
      "label": "Satisfaction",
      "factor_score": 0
    }
  },
  {
    "combined_id": "54",
```

```

    "combined_name": "DÉPASSEMENT DE SOI",
    "factor_1": {
      "label": "Motivation",
      "score": 5.6
    },
    "factor_2": {
      "label": "Satisfaction",
      "factor_score": 0
    }
  },
  ...
]

```

XML

```

<?xml version="1.0" encoding="utf-8"?>
<success>
  <combined_scoress>
    <combined_scores combined_id="67">
      <combined_name>
        <![CDATA[ÉVALUATION]]>
      </combined_name>
      <factor_1 score="3.1">
        <label>
          <![CDATA[Motivation]]>
        </label>
      </factor_1>
      <factor_2 factor_score="0">
        <label>
          <![CDATA[Satisfaction]]>
        </label>
      </factor_2>
    </combined_scores>
    <combined_scores combined_id="54">
      <combined_name>
        <![CDATA[DÉPASSEMENT DE SOI]]>
      </combined_name>
      <factor_1 score="5.6">
        <label>
          <![CDATA[Motivation]]>
        </label>
      </factor_1>
      <factor_2 factor_score="0">

```

```

        <label>
            <![CDATA[Satisfaction]]>
        </label>
    </factor_2>
</combined_scores>
</combined_scoress>
</success>

```

7.18 Get the synthetic cards of an assessment

This method returns the synthetic card parts for given assessment

7.18.1 Call

Url: [https://app.centraltest.com/customer/REST/report/test_synthetic_card/\[FORMAT\]](https://app.centraltest.com/customer/REST/report/test_synthetic_card/[FORMAT])

Method: GET or POST

HTTP Headers : WWW-Authenticate => [TOKEN]

Parameters :

- assessment_id (integer) : id of the assessment

Optional parameters :

- test_language_id (integer) : id of the language for groups labels

The assessment id can be retrieved from the following services :

- user/invite
- assessment/completed
- assessment/pending

7.18.2 Success output

Returns the scores of the groups of the assessment

JSON

```

[
  {
    "id": "2",
    "title": "",
    "label": "Enterprising,Conventional,Artistic",
    "description_1": "description 1",
    "description_2": "description 2",
    "targets": [
      {
        "label": "Enterprising",
        "score": "6",
        "color": "#FAFAAF"
      },
      {
        "label": "Conventional",
        "score": "5.5",

```

```

        "color": "#FF9607"
    },
    {
        "label": "Artistic",
        "score": "5.5",
        "color": "#4D8AFD"
    }
]
}
]

```

XML

```

<?xml version="1.0" encoding="utf-8"?>
<success>
  <synthetic_cards>
    <synthetic_card id="2">
      <title>
        <![CDATA[]]>
      </title>
      <label>
        <![CDATA[Enterprising,Conventional,Artistic]]>
      </label>
      <description_1>
        <![CDATA[description 1]]>
      </description_1>
      <description_2>
        <![CDATA[description 2]]>
      </description_2>
      <targets>
        <target score="6">
          <label>
            <![CDATA[Enterprising]]>
          </label>
          <color>
            <![CDATA[#FAFAAF]]>
          </color>
        </target>
        <target score="5.5">
          <label>
            <![CDATA[Conventional]]>

```

```

        </label>
        <color>
            <![CDATA[#FF9607]]>
        </color>
    </target>
    <target score="5.5">
        <label>
            <![CDATA[Artistic]]>
        </label>
        <color>
            <![CDATA[#4D8AFD]]>
        </color>
    </target>
</targets>
</synthetic_card>
</synthetic_cards>
</success>

```

7.19 Get the adequacies scores of an assessment

This method returns the adequacies scores for a given assessment.

7.19.1 Call

Url: [https://app.centraltest.com/customer/REST/report/adequacies/\[FORMAT\]](https://app.centraltest.com/customer/REST/report/adequacies/[FORMAT])

Method: GET or POST

HTTP Headers : WWW-Authenticate => [TOKEN]

Parameters :

- assessment_id (integer) : id of the assessment

The assessment id can be retrieved from the following services :

- user/invite
- assessment/completed
- assessment/pending

7.19.2 Success output

Returns the adequacies scores of the assessment

JSON

[

```

{

  "id": "45",

  "label": "Managerial Potential",

  "title": "Managerial Potential",

  "profiles": [

    {

      "id": "181",

      "label": "Managerial Potential",

      "score": 52

    }

  ]

},

...

]

```

XML

```

<?xml version="1.0" encoding="utf-8"?>
<success>
  <adequaciess>
    <adequacies id="45">
      <label>
        <![CDATA[Managerial Potential]]>
      </label>
      <title>
        <![CDATA[Managerial Potential]]>
      </title>
      <profiles>
        <profile id="181" score="52">
          <label>
            <![CDATA[Managerial Potential]]>

```

```
</label>
</profile>
</profiles>
</adequacies>
</adequaciess>
</success>
```

8 MANAGING GROUPS OF CANDIDATES

8.1 Create a group of candidates : create/group

8.1.1 Call

Url: [https://app.centraltest.com/customer/REST/create/group/\[FORMAT\]](https://app.centraltest.com/customer/REST/create/group/[FORMAT])

Method: POST

HTTP Headers : WWW-Authenticate => [TOKEN]

Parameters :

- name (string) : the name of the group

Optional parameters :

- candidate_id (integer collection) : ids of the candidate to add to the group

Optional parameters requiring the « company management » access :

- company_id (integer) : id of the company for which to create the group. Defaults to your company.

8.1.2 Success output

The method returns data for the created group.

JSON

```
{
  "id":"654",
  "name":"New Group",
  "candidates":[
    {
      "id":"32"
    },
    {
      "id":"31286"
    }
  ]
}
```

XML

```
<?xml version="1.0" encoding="utf-8"?>
<success>
  <group id="653">
    <name><![CDATA[New Group]]></name>
    <candidates>
      <candidate id="32"/>
      <candidate id="31286"/>
    </candidates>
  </group>
</success>
```

8.2 Update a group of candidates : update/group

8.2.1 Call

Url: [https://app.centraltest.com/customer/REST/update/group/\[FORMAT\]](https://app.centraltest.com/customer/REST/update/group/[FORMAT])

Method: POST

HTTP Headers : WWW-Authenticate => [TOKEN]

Parameters :

- id (integer) : id of the group
- name (string) : the new name of the group

8.2.2 Success output

The method returns data for the updated group.

JSON

```
{
  "id":"654",
  "name":"New name",
  "candidates":[
    {
      "id":"32"
    },
    {
      "id":"31286"
    }
  ]
}
```

XML

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

```
<success>
<group id="653">
<name><![CDATA[New name]]></name>
<candidates>
<candidate id="32"/>
<candidate id="31286"/>
</candidates>
</group>
</success>
```

8.3 Get information about a group of candidates : retrieve/group

8.3.1 Call

Url: https://app.centraltest.com/customer/REST/retrieve/group/[*FORMAT*]

Method: GET or POST

HTTP Headers : WWW-Authenticate => [*TOKEN*]

Parameters :

- id (integer) : id of the group

8.3.2 Success output

The method returns data recorded for the group.

JSON

```
{
  "id": "654",
  "name": "New name",
  "candidates": [
    {
      "id": "32"
    },
    {
      "id": "31286"
    }
  ]
}
```

XML

```
<?xml version="1.0" encoding="utf-8"?>
<success>
<group id="653">
```

```

<name><![CDATA[New name]]></name>
<candidates>
<candidate id="32"/>
<candidate id="31286"/>
</candidates>
</group>
</success>

```

8.4 Get the list of the existing groups : list/group

8.4.1 Call

Url: [https://app.centraltest.com/customer/REST/list/group/\[FORMAT\]](https://app.centraltest.com/customer/REST/list/group/[FORMAT])

Method: GET or POST

HTTP Headers : WWW-Authenticate => [TOKEN]

Parameters : none

Optional parameters requiring the « company management » access :

- **company_id** (integer) : id of the company for which to get the groups list. Defaults to your company.

8.4.2 Success output

The method returns the list of the existing groups.

JSON

```

[
{
  "id":"654",
  "name":"New name"
},
...
]

```

XML

```

<?xml version="1.0" encoding="utf-8"?>
<success>
<groups>
<group id="654">
<name><![CDATA[New name]]></name>
</group>
...
</groups>
</success>

```

8.5 Delete a group of candidates : delete/group

8.5.1 Call

Url: `https://app.centraltest.com/customer/REST/delete/group/[FORMAT]`

Method: GET or POST

HTTP Headers : WWW-Authenticate => *[TOKEN]*

Parameters :

- id (integer) : the group id

8.5.2 Success output

The method returns the id of the deleted group.

JSON

```
{"id":"653"}
```

XML

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

```
<success>
```

```
<group id="653"/>
```

```
</success>
```

8.6 Add a candidate to a group : group/addCandidate

This service links a candidate to an existing group of candidates.

8.6.1 Call

Url: https://app.centraltest.com/customer/REST/group/addCandidate/[*FORMAT*]

Method: GET or POST

HTTP Headers : WWW-Authenticate => [*TOKEN*]

Parameters :

- id (integer) : the group id
- candidate_id (integer):the id of the candidate to add

8.6.2 Success output

The method returns the details of the group.

JSON

```
{
  "id":"654",
  "name":"New name",
  "candidates":[
    {
      "id":"32"
    },
    {
      "id":"31286"
    },
    {
      "id":"31287"
    }
  ]
}
```

XML

```
<?xml version="1.0" encoding="utf-8"?>
<success>
  <group id="653">
    <name><![CDATA[New name]]></name>
    <candidates>
```

```
<candidate id="32"/>
<candidate id="31286"/>
<candidate id="31287"/>
</candidates>
</group>
</success>
```

8.7 Remove a candidate from a group : group/removeCandidate

8.7.1 Call

Url: https://app.centraltest.com/customer/REST/group/removeCandidate/[*FORMAT*]

Method: GET or POST

HTTP Headers : WWW-Authenticate => [*TOKEN*]

Parameters :

- id (integer) : the group id
- candidate_id (integer): the id of the candidate to remove

8.7.2 Success output

The method returns the details of the group.

JSON

```
{
  "id": "654",
  "name": "New name",
  "candidates": [
    {
      "id": "32"
    },
    {
      "id": "31286"
    }
  ]
}
```

XML

```
<?xml version="1.0" encoding="utf-8"?>
<success>
  <group id="653">
    <name><![CDATA[New name]]></name>
    <candidates>
```

```
<candidate id="32"/>
<candidate id="31286"/>
</candidates>
</group>
</success>
```

9 NOTIFICATION ON ASSESSMENT COMPLETED

From your customer account, you can set an URL that would be called whenever a candidate has fully completed an assessment.

To set up the url, go to menu « Company » > « Account management » > « Configuration » > « Settings ».

This URL will be called with the following parameters (POST method is used):

- test_id (integer) : of the passed test
- candidate_id (integer) : id of the candidate
- assessment_id (integer) : id of the assessment
- date (string YYYY-MM-DD HH:MM:SS) : end date for the assessment
- company_report_link (string) : URL of a direct link to the report (company report). You can add &pdf=1 to this URL to get it in PDF.
- candidate_report_link (string) : URL of a direct link to the report (candidate report). You can add &pdf=1 to this URL to get it in PDF.
- salt (string) : used to check the authenticity of the request.

Salt is computed using a base64 encode of the following string :

\$loginWS + '@' + \$assessmentId + '@' + \$testId + '@' + \$candidateId
where

- \$loginWS is your WS login (as in your customer interface)
- \$assessmentId is the POST value of 'assessment_id'
- \$testId is the POST value of 'test_id'
- \$candidateId is the POST value of 'candidate_id'

Example :

For the following parameters :

- test_id : 1
- candidate_id : 17
- assessment_id : 32
- WS login : mylogin

The salt will be the result of a base64 encode of the string « mylogin@32@1@17 ».

For companies with the « company management » access, the same URL will be used for subsidiaries, but a « company_id » will be added to the URL parameters.

10 NOTIFICATION ON ASSESSMENT STARTED

From your customer account, you can set an URL that would be called whenever a candidate starts an assessment.

To set up the url, go to menu « Company » > « Account management » > « Configuration » > « Settings ».

This URL will be called with the following parameters (POST method is used):

- test_id (integer) : of the passed test
- candidate_id (integer) : id of the candidate
- assessment_id (integer) : id of the assessment
- start_date (string YYYY-MM-DD HH:MM:SS) : start date for the assessment
- salt (string) : used to check the authenticity of the request.

Salt is computed using a base64 encode of the following string :

\$loginWS + '@' + \$assessmentId + '@' + \$testId + '@' + \$candidateId

where

- \$loginWS is your WS login (as in your customer interface)
- \$assessmentId is the POST value of 'assessment_id'
- \$testId is the POST value of 'test_id'
- \$candidateId is the POST value of 'candidate_id'

Example :

For the following parameters :

- test_id : 1
- candidate_id : 17
- assessment_id : 32
- WS login : mylogin

The salt will be the result of a base64 encode of the string « mylogin@32@1@17 ».

For companies with the « company management » access, the same URL will be used for subsidiaries, but a « company_id » will be added to the URL parameters.

11 MANAGING COMPANIES

11.1 Create a new company account : create/company

11.1.1 Call

Url: [https://app.centraltest.com/customer/REST/create/company/\[FORMAT\]](https://app.centraltest.com/customer/REST/create/company/[FORMAT])

Method: POST

HTTP Headers : WWW-Authenticate => [TOKEN]

Parameters :

- name (string) : name of the company
- address (string) : street number and address of the company
- postcode (string) : Postcode of the company
- city (string) : City of the company
- country_code (string) : the ISO 3166 code of the country (Refer to https://en.wikipedia.org/wiki/ISO_3166)

Optional parameters :

- sector_id (id) : id of the activity area of the company. (See list/activitySector service to get ids)
- website (string) : URL of the company's website
- phone (string) : Phone number of the company
- fax (string) : fax number of the company
- status (string) : Status of the company. Can be either 'trial' or 'active'. Defaults to 'active'.
- expiration_date (string) : Expiration date of the company. Format : YYYY-MM-DD.
- default_locale_id (integer) : Default display language. (See list/locale service to get ids). Defaults to your company's default locale.
- test_languages (integer collection) : the test languages you allow. The first language of the collection will be the default language of the newly created account
- send_invitation_email_to_candidate (boolean) : Whether to send an email to candidates when they are invited or not. Defaults to 0.
- send_completed_email_to_admin (boolean) : Whether to send an email to the administrator when a candidate has completed a test or not. Defaults to 0.
- send_completed_email_to_evaluator (boolean) : Whether to send an email to the evaluator when a candidate has completed a test or not. Defaults to 0.
- report_visibility (boolean) : Whether the candidate can see the reports. Defaults to 0.
- display_assessment_time (boolean) : Whether to display the assessment time on reports or not. Defaults to 0.
- email_text_mode (boolean) : Whether to send email in text mode or html mode. Defaults to 0(emails will be sent in HTML format).

Optional admin parameters :

- admin_email (string) : Defaults to your administrator's email address
- admin_password (string) : Defaults to your administrator's password.
- admin_firstname (string) : Defaults to your administrator's first name.
- admin_lastname (string) : Defaults to your administrator's last name.
- admin_title_id (integer) : the id of the title (See list/title service to get ids). Defaults to your administrator's title.
- admin_country_code : Defaults to your administrator's country. (Refer to https://en.wikipedia.org/wiki/ISO_3166)
- admin_send_email (boolean) : Defaults to 0. Whether to send an email to the newly created administrator account or not.

Notes :

Your current company's administrator will be the administrator of the newly created company as well. If you want to set another administrator, the following information is required : admin_email, admin_password, admin_firstname, admin_lastname, admin_title_id and admin_country_code.

11.1.2 Success output

The method returns the details of the newly created company.

JSON

```
{
  "id": "42306",
  "name": "WS Sub Company 1447668915",
  "sector_id": null,
  "website": "",
  "address": "64 de la Corniche",
  "postcode": "77000",
  "city": "Melun",
  "country": "fr",
  "phone": "",
  "fax": "",
  "status": "active",
  "default_locale_id": "2",
  "nb_assessments_taken": "0",
  "last_assessment_date": null,
  "send_invitation_email_to_candidate": 0,
  "send_completed_email_to_admin": 0,
  "send_completed_email_to_evaluator": 0,
  "report_visibility": 0,
  "display_assessment_time": 0,
  "email_text_mode": 0,
  "creation_date": "2015-11-16 11:15:19",
  "expiration_date": null,
  "test_languages": [
    {
      "id": "1",
      "code": "en_US",
      "label": "English (US)",
      "default": 1
    },
    {
      "id": "15",
      "code": "pt_PT",
      "label": "Portugu\u00eas (PT)",
      "default": 0
    }
  ],
  "nb_credits": 0
}
```

XML

```
<success>
<company id="42305" sector_id="" postcode="77000" default_locale_id="2" nb_assessments_taken="0"
send_invitation_email_to_candidate="0"
send_completed_email_to_admin="0" send_completed_email_to_evaluator="0" report_visibility="0"
display_assessment_time="0" email_text_mode="0" nb_credits="0">
<name><![CDATA[WS Sub Company 1447668800]]></name>
```

```

<website><![CDATA[]]></website>
<address><![CDATA[64 de la Corniche]]></address>
<city><![CDATA[Melun]]></city>
<country><![CDATA[fr]]></country>
<phone><![CDATA[]]></phone>
<fax><![CDATA[]]></fax>
<status><![CDATA[active]]></status>
<last_assessment_date><![CDATA[]]></last_assessment_date>
<creation_date><![CDATA[2015-11-16 11:13:24]]></creation_date>
<expiration_date><![CDATA[]]></expiration_date>
<test_languages>
<test_language id="1" default="1">
<code><![CDATA[en_US]]></code>
<label><![CDATA[English (US)]]></label>
</test_language>
<test_language id="15" default="0">
<code><![CDATA[pt_PT]]></code>
<label><![CDATA[Português (PT)]]></label>
</test_language>
</test_languages>
</company>
</success>

```

11.2 Get the list of companies : list/company

11.2.1 Call

Url: [https://app.centraltest.com/customer/REST/list/company/\[FORMAT\]](https://app.centraltest.com/customer/REST/list/company/[FORMAT])

Method: POST or GET

HTTP Headers : WWW-Authenticate => [TOKEN]

Parameters :

- none

11.2.2 Success output

The method returns the list of companies you can manage.

JSON

```

[
  {
    "id": "322",
    "name": "Sub Company 1445327315"
  },

```

```
{
  "id": "323",
  "name": "Sub Company 1445327316"
},
...
]
```

XML

```
<?xml version="1.0" encoding="utf-8"?>
<success>
  <companies>
    <company id="322">
      <name><![CDATA[Sub Company 1445327315]]></name>
    </company>
    <company id="323">
      <name><![CDATA[Sub Company 1445327316]]></name>
    </company>
    ...
  </companies>
</success>
```

11.3 Get the settings of a company : retrieve/company

11.3.1 Call

Url: [https://app.centraltest.com/customer/REST/retrieve/company/\[FORMAT\]](https://app.centraltest.com/customer/REST/retrieve/company/[FORMAT])

Method: POST or GET

HTTP Headers : WWW-Authenticate => [TOKEN]

Parameters :

- company_id (integer) : id of the company

11.3.2 Success output

The method returns the different data of the company.

JSON

```
{
  "id": "42306",
  "name": "WS Sub Company 1447668915",
  "sector_id": null,
  "website": "",
  "address": "64 de la Corniche",
  "postcode": "77000",
  "town": "Melun",
  "country": "fr",
  "phone": ""
}
```

```

    "fax": "",
    "status": "active",
    "default_locale_id": "2",
    "nb_assessments_taken": "0",
    "last_assessment_date": null,
    "send_invitation_email_to_candidate": 0,
    "send_completed_email_to_admin": 0,
    "send_completed_email_to_evaluator": 0,
    "report_visibility": 0,
    "display_assessment_time": 0,
    "email_text_mode": 0,
    "creation_date": "2015-11-16 11:15:19",
    "expiration_date": null,
    "v2_unlimited": 0,
    "test_languages": [
      {
        "id": "1",
        "code": "en_US",
        "label": "English (US)",
        "default": 1
      },
      {
        "id": "15",
        "code": "pt_PT",
        "label": "Portugu\u00eas (PT)",
        "default": 0
      }
    ],
    "nb_credits": 0,
  }
}

```

XML

<success>

<company id="42305" sector_id="" postcode="77000" default_locale_id="2" nb_assessments_taken="0" send_invitation_email_to_candidate="0" send_completed_email_to_admin="0" send_completed_email_to_evaluator="0" report_visibility="0" display_assessment_time="0" email_text_mode="0" nb_credits="0" v2_unlimited="0">

<name><![CDATA[WS Sub Company 1447668800]]></name>

<website><![CDATA[]]></website>

<address><![CDATA[64 de la Corniche]]></address>

<town><![CDATA[Melun]]></town>

<country><![CDATA[fr]]></country>

<phone><![CDATA[]]></phone>

<fax><![CDATA[]]></fax>

<status><![CDATA[active]]></status>

<last_assessment_date><![CDATA[]]></last_assessment_date>

<creation_date><![CDATA[2015-11-16 11:13:24]]></creation_date>

<expiration_date><![CDATA[]]></expiration_date>

```

<test_languages>
<test_language id="1" default="1">
<code><![CDATA[en_US]]></code>
<label><![CDATA[English (US)]]></label>
</test_language>
<test_language id="15" default="0">
<code><![CDATA[pt_PT]]></code>
<label><![CDATA[Português (PT)]]></label>
</test_language>
</test_languages>
</company>
</success>

```

11.4 Update a company : update/company

11.4.1 Call

Url: https://app.centraltest.com/customer/REST/update/company/[*FORMAT*]

Method: POST

HTTP Headers : WWW-Authenticate => [*TOKEN*]

Parameters :

- id (integer) : id of the company

Optional parameters :

- name (string) : name of the company
- address (string) : street number and address of the company
- postcode (string) : Postcode of the company
- city (string) : City of the company
- country_code (string) : the ISO 3166 code of the country (Refer to https://en.wikipedia.org/wiki/ISO_3166)
- sector_id (id) : id of the activity area of the company. (See list/activitySector service to get ids)
- website (string) : URL of the company's website
- phone (string) : Phone number of the company
- fax (string) : fax number of the company
- status (string) : Status of the company. Can be either 'trial' or 'active'. Defaults to 'active'.
- expiration_date (string) : Expiration date of the company. Format : YYYY-MM-DD.
- default_locale_id (integer) : Default display language. (See list/locale service to get ids). Defaults to your company's default locale.
- test_languages (integer collection) : the test languages you allow. The first language of the collection will be the default language of the newly created account
- send_invitation_email_to_candidate (boolean) : Whether to send an email to candidates when they are invited or not. Defaults to 0.
- send_completed_email_to_admin (boolean) : Whether to send an email to the administrator when a candidate has completed a test or not. Defaults to 0.
- send_completed_email_to_evaluator (boolean) : Whether to send an email to the

- evaluator when a candidate has completed a test or not. Defaults to 0.
- report_visibility (boolean) : Whether the candidate can see the reports. Defaults to 0.
- display_assessment_time (boolean) : Whether to display the assessment time on reports or not. Defaults to 0.
- email_text_mode (boolean) : Whether to send email in text mode or html mode. Defaults to 0(emails will be sent in HTML format).

11.4.2 Success output

The method returns the company account details.

JSON

```
{
  "id":"42306",
  "name":"WS Sub Company 1447668915",
  "sector_id":null,
  "website":"",
  "address":"64 de la Corniche",
  "postcode":"77000",
  "town":"Melun",
  "country":"fr",
  "phone":"",
  "fax":"",
  "status":"active",
  "default_locale_id":"2",
  "nb_assessments_taken":"0",
  "last_assessment_date":null,
  "send_invitation_email_to_candidate":0,
  "send_completed_email_to_admin":0,
  "send_completed_email_to_evaluator":0,
  "report_visibility":0,
  "display_assessment_time":0,
  "email_text_mode":0,
  "creation_date":"2015-11-16 11:15:19",
  "expiration_date":null,
  "test_languages":[
    {
      "id":"1",
      "code":"en_US",
      "label":"English (US)",
      "default":1
    },
    {
      "id":"15",
      "code":"pt_PT",
      "label":"Portugu\u00eas (PT)",
      "default":0
    }
  ],
  "nb_credits":0
}
```

XML

```

<success>

<company id="42305" sector_id="" postcode="77000" default_locale_id="2" nb_assessments_taken="0"
send_invitation_email_to_candidate="0"
send_completed_email_to_admin="0" send_completed_email_to_evaluator="0" report_visibility="0"
display_assessment_time="0" email_text_mode="0" nb_credits="0">

<name><![CDATA[WS Sub Company 1447668800]]></name>

<website><![CDATA[]]></website>

<address><![CDATA[64 de la Corniche]]></address>

<town><![CDATA[Melun]]></town>

<country><![CDATA[fr]]></country>

<phone><![CDATA[]]></phone>

<fax><![CDATA[]]></fax>

<status><![CDATA[active]]></status>

<last_assessment_date><![CDATA[]]></last_assessment_date>

<creation_date><![CDATA[2015-11-16 11:13:24]]></creation_date>

<expiration_date><![CDATA[]]></expiration_date>

<test_languages>

<test_language id="1" default="1">

<code><![CDATA[en_US]]></code>

<label><![CDATA[English (US)]]></label>

</test_language>

<test_language id="15" default="0">

<code><![CDATA[pt_PT]]></code>

<label><![CDATA[Português (PT)]]></label>

</test_language>

</test_languages>

</company>

</success>

```

11.5 Update a company's contract : update/contract

This method allows you to activate/deactivate a test/feature to a company.

11.5.1 Call

Url: [https://app.centraltest.com/customer/REST/update/contract/\[FORMAT\]](https://app.centraltest.com/customer/REST/update/contract/[FORMAT])

Method: POST

HTTP Headers : WWW-Authenticate => [TOKEN]

Parameters :

- **company_id** (integer) : id of the company
- **contract_id** (integer) : id of the test/feature to activate. See list/contract to get available contract ids and their current activation state.

- active (boolean) : the new activation state for the contract.

11.5.2 Success output

The method returns the updated list of tests/features of the company.

JSON

```
[
  {
    "id": "50",
    "name": "Customize emails",
    "active": true,
    "type": "option"
  },
  {
    "id": "45",
    "name": "Customize reports",
    "active": false,
    "type": "option"
  },
  ...
  {
    "id": "86",
    "name": "AMI",
    "active": true,
    "type": "test"
  },
  {
    "id": "115",
    "name": "Business English Test",
    "active": true,
    "type": "test"
  },
  ...
]
```

XML

```
<?xml version="1.0" encoding="utf-8"?>
<success>
  <contracts>
    <contract id="50" active="1">
      <name><![CDATA[Customize emails]]></name>
      <type><![CDATA[option]]></type>
    </contract>
    <contract id="45" active="">
      <name><![CDATA[Customize reports]]></name>
      <type><![CDATA[option]]></type>
    </contract>
    ...
  </contracts>
</success>
```

```

    <contract id="86" active="1">
<name><![CDATA[AMI]]></name>
<type><![CDATA[test]]></type>
</contract>
<contract id="115" active="1">
<name><![CDATA[Business English Test]]></name>
<type><![CDATA[test]]></type>
</contract>
...
</contracts>
</success>

```

11.6 Allow test credits to a company : company/giveCredits

This method allows you to transfer test credits from your company to another one.

11.6.1 Call

Url: [https://app.centraltest.com/customer/REST/company/giveCredits/\[FORMAT\]](https://app.centraltest.com/customer/REST/company/giveCredits/[FORMAT])

Method: POST

HTTP Headers : WWW-Authenticate => [TOKEN]

Parameters :

- company_id (integer) : id of the company
- amount (integer) : number of credits to transfer.

11.6.2 Success output

The method returns the data of the company.

JSON

```

{
  "id": "42306",
  "name": "WS Sub Company 1447668915",
  "sector_id": null,
  "website": "",
  "address": "64 de la Corniche",
  "postcode": "77000",
  "town": "Melun",
  "country": "fr",
  "phone": "",
  "fax": "",
  "status": "active",
  "default_locale_id": "2",
  "nb_assessments_taken": "0",
  "last_assessment_date": null,
  "send_invitation_email_to_candidate": 0,

```

```

"send_completed_email_to_admin":0,
"send_completed_email_to_evaluator":0,
"report_visibility":0,
"display_assessment_time":0,
"email_text_mode":0,
"creation_date":"2015-11-16 11:15:19",
"expiration_date":null,
"test_languages":[
  {
    "id":"1",
    "code":"en_US",
    "label":"English (US)",
    "default":1
  },
  {
    "id":"15",
    "code":"pt_PT",
    "label":"Portugu\u00eas (PT)",
    "default":0
  }
],
"nb_credits":0
}

```

XML

<success>

<company id="42305" sector_id="" postcode="77000" default_locale_id="2" nb_assessments_taken="0" send_invitation_email_to_candidate="0" send_completed_email_to_admin="0" send_completed_email_to_evaluator="0" report_visibility="0" display_assessment_time="0" email_text_mode="0" nb_credits="0">

<name><![CDATA[WS Sub Company 1447668800]]></name>

<website><![CDATA[]]></website>

<address><![CDATA[64 de la Corniche]]></address>

<town><![CDATA[Melun]]></town>

<country><![CDATA[fr]]></country>

<phone><![CDATA[]]></phone>

<fax><![CDATA[]]></fax>

<status><![CDATA[active]]></status>

<last_assessment_date><![CDATA[]]></last_assessment_date>

<creation_date><![CDATA[2015-11-16 11:13:24]]></creation_date>

<expiration_date><![CDATA[]]></expiration_date>

<test_languages>

<test_language id="1" default="1">

<code><![CDATA[en_US]]></code>

<label><![CDATA[English (US)]]></label>

</test_language>

<test_language id="15" default="0">

```
<code><![CDATA[pt_PT]]></code>
<label><![CDATA[Português (PT)]]></label>
</test_language>
</test_languages>
</company>
</success>
```

11.7 Disallow test credits to a company : company/removeCredits

This method allows you to transfer test credits from a company to yours.

11.7.1 Call

Url: [https://app.centraltest.com/customer/REST/company/removeCredits/\[FORMAT\]](https://app.centraltest.com/customer/REST/company/removeCredits/[FORMAT])

Method: POST

HTTP Headers : WWW-Authenticate => [TOKEN]

Parameters :

- company_id (integer) : id of the company
- amount (integer) : number of credits to transfer to the company

11.7.2 Success output

The method returns the data of the company.

JSON

```
{
  "id": "42306",
  "name": "WS Sub Company 1447668915",
  "sector_id": null,
  "website": "",
  "address": "64 de la Corniche",
  "postcode": "77000",
  "town": "Melun",
  "country": "fr",
  "phone": "",
  "fax": "",
  "status": "active",
  "default_locale_id": "2",
  "nb_assessments_taken": "0",
  "last_assessment_date": null,
  "send_invitation_email_to_candidate": 0,
  "send_completed_email_to_admin": 0,
  "send_completed_email_to_evaluator": 0,
  "report_visibility": 0,
  "display_assessment_time": 0,
  "email_text_mode": 0,
  "creation_date": "2015-11-16 11:15:19",
```

```

    "expiration_date":null,
    "test_languages":[
      {
        "id":"1",
        "code":"en_US",
        "label":"English (US)",
        "default":1
      },
      {
        "id":"15",
        "code":"pt_PT",
        "label":"Portugu\u00eas (PT)",
        "default":0
      }
    ],
    "nb_credits":0
  }
}

```

XML

```

<success>

  <company id="42305" sector_id="" postcode="77000" default_locale_id="2" nb_assessments_taken="0"
  send_invitation_email_to_candidate="0" send_completed_email_to_admin="0"
  send_completed_email_to_evaluator="0" report_visibility="0" display_assessment_time="0"
  email_text_mode="0" nb_credits="0">

    <name><![CDATA[WS Sub Company 1447668800]]></name>

    <website><![CDATA[]]></website>

    <address><![CDATA[64 de la Corniche]]></address>

    <town><![CDATA[Melun]]></town>

    <country><![CDATA[fr]]></country>

    <phone><![CDATA[]]></phone>

    <fax><![CDATA[]]></fax>

    <status><![CDATA[active]]></status>

    <last_assessment_date><![CDATA[]]></last_assessment_date>

    <creation_date><![CDATA[2015-11-16 11:13:24]]></creation_date>

    <expiration_date><![CDATA[]]></expiration_date>

    <test_languages>

      <test_language id="1" default="1">

        <code><![CDATA[en_US]]></code>

        <label><![CDATA[English (US)]]></label>

      </test_language>

      <test_language id="15" default="0">

        <code><![CDATA[pt_PT]]></code>

        <label><![CDATA[Portugu\u00eas (PT)]]></label>

      </test_language>

    </test_languages></company></success>

```

12 PARTNERS API

You need to have the “**Distributor**” or “**Partner**” rights to use the endpoints of this section

12.1 Create a new trial account

12.1.1 Call

Url: <https://app.centraltest.com/customer/REST/distributor/createTrialCompany>

Method: POST

HTTP Headers : WWW-Authenticate => [TOKEN]

Parameters :

- user_civility_id (integer) : the id of the title (See list/title service to get ids)
- user_lastname (string) : the lastname
- user_firstname (string) : the firstname
- user_function (string) : description of the job of the user
- user_email (string) : the email
- user_country_code (string) : the ISO 3166 code of the country (Refer to https://en.wikipedia.org/wiki/ISO_3166)
- user_phone_number (string) : phone number of the user
- company_name (string) : name of the company
- language_id (integer) : the id of the default language of the company (See « list/test » to get the list of the ids).

Optional parameters :

- company_sector_id (id) : id of the activity area of the company. (See list/activitySector service to get ids)
- company_employees_count (integer) : the number of employees of the company
- company_zip_code (string) : Postcode of the company
- company_city (string) : City of the company
- test_id (integer) : id of the test (See list/test to get ids)
- evaluation_goal (string): the goal of the trial account
- token (string): Token to identify the trial account (will be sent in the notification request)

11.1.2 Success output

The method returns true if success or the details of the error if an error occurred

JSON

```
{ "success": true }
```

12.2 Notification on trial account validated

From your customer account, you can set an URL that would be called whenever a trial account has been validated by a salesman.

To set up the url, go to menu « Company » > « Account management » > « Configuration » > « Settings » > « Trial account validated Webservice URL »

This URL will be called with the following parameters (POST method is used):

- company_id (integer) : the ID of the company on V2
- token (string): Token to identify the trial account

13 CHANGELOG

2.3 to 2.4 changes		
update	candidate/invite	Parameters : Added candidate_can_see_report (boolean) : [optional] specify if the candidate can see the report. If not given, defaults to what is configured in your account. Output : Changed base URL for links. They still work the same way.
update	assessment/pending	Output : Added candidate_can_see_report, report_language and test_languages
new	update/assessment	-
2.4 to 2.5 changes		
update	list/test	Adds the test cost in credits
2.5 to 2.6 changes		
new	list/test list/contract list/testLanguage create/candidate candidate/invite assessment/completed assessment/pending create/group list/group update/contract company/giveCredits company/removeCredits	Added services to allow subsidiaries management. The following services have been updated so that you can now specify a company_id :
update	test/list update/assessment	Updated the language code in format « language_COUNTRY » Examples : qc is now fr_CA br is now pt_BR
update	list/group retrieve/group	The return format for list/group has been updated : the candidates are not returned anymore, and retrieve/group must be called to get the candidates belonging to a group.
new	list/locale	Returns the available locales for the Central Test

		application.
new	list/contract	Returns the list of available contracts for the company.
update	create/candidate update/candidate	The create/candidate and update/candidate services now have new optional parameters : • sector_id • postal_code • phone • function • observations The return format for both services now include those extra informations. The services create/candidate, update/candidate and retrieve/candidate now return the data with the same format.
2.6 to 2.7 changes		
new	report/*	Added 3 new services that allow to retrieve specific scores for a given assessment : • report/score : global score of a test • report/factors_scores : scores of factors • report/groups_scores : scores of groups
2.7 to 2.8 changes		
update	report/*	Corrections of the URLs for the report/* services
update	assessment/pending	This service now also returns the assessments that has been started but not completed yet This service now includes a assessment_start_date field, that returns the date and time when an assessment has been started
2.8 to 2.9 changes		
update	list/activitySector list/title	Add optional parameter 'locale_id'
update	retrieve/company	Returns 'v2_unlimited' (1 = illimité, 0 = credit)
update	update/assessment	Change parameters id (integer) : id of assessment to update
2.9 to 2.10 changes		

update	list/test	The output includes the test category and all the details about the IT tests
update	candidate/invite	The method supports the IT tests by adding the extra parameters retrieved from the method list/test
2.10 to 2.11 changes		
new	candidate/talentMap	Return the TALENT MAP of a candidate (groups, referentials and scores)
new	assessment/referentials	Return the adequacies of an assessment (groups, profiles, and scores)
2.11 to 2.12 changes		
new	assessment/test_factors	This method returns the list of factors of a test
update	candidate/invite	Add optional parameter to calculate « on the fly » referential
2.15 to 2.16 changes		
update	candidate/invite	email added to the method.
2.16 to 2.17 changes : September 2020		
new	assessment/paginate/completed assessment/paginate/pending	This method returns the list of completed assessments with a pager
new	assessment/remind	This method send reminders for a list of assessment ids
2.17 to 2.18 changes : October 2020		
update	assessment/paginate/completed assessment/paginate/pending	order_asc added to the optional parameters
2.18 to 2.19 changes : October 2020		
new	assessment/remind_history	This method returns the list of the reminders sent for an assessment

2.19 to 2.20 changes : February 2021		
update	assessment/paginate/completed assessment/paginate/pending assessment/completed assessment/pending	Evaluator's identity added to response date filters format updated from 'YYYY-MMDD' to 'YYYY-MM-DD H:i:s' test_IT_details added to response
update	assessment/paginate/completed assessment/paginate/pending	Filter by the identity of the evaluator
2.20 to 2.21 changes : June 2021		
update	/report/combined_scores	Get the scores of the combined parts for a report
2.21 to 2.22 changes : June 2021		
add	/report/test_synthetic_card	Get the synthetic cards for a report
2.22 to 2.23 changes : July 2021		
update	/delete/candidate	Specify company ID
2.23 to 2.24 changes : September 2021		
update	/candidate/autologin	Add company_id optional parameter
2.24 to 2.25 changes : October 2021		
add	/distributor/createTrialCompany	Add a trial account
add	Notification on trial account validated	Webhook when a trial account is validated for a partner
2.25 to 2.26 changes : October 2021		
Update	/report/score	Quotient, raw score and calculated score added
add	Get the adequacies scores of an assessment	Get the adequacies of an assessment
2.26 to 2.27 changes : December 2021		
Update	distributor/createTrialCompany	Token added to requests

2.26 to 2.28 changes : February 2022

Update

[candidate/invite](#)

Add *evaluteur_id* optional parameter