Upload Contact Base Through API

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General vision.

To know the process by which contact lists are uploaded into dialers through the uContact API.

To have a uContact Supervisor user.

In order to get access to the uContact API, it is required to have a user with a supervisor or administrator profile.

System administrator should be createed in the platform to be used only for this instance.

Once this is verified, the API can be invoked.

Relative URL: Integra/resources/auth/UserLogin

Method: POST

content-type: application/x-www-form-urlencoded; charset=UTF-8

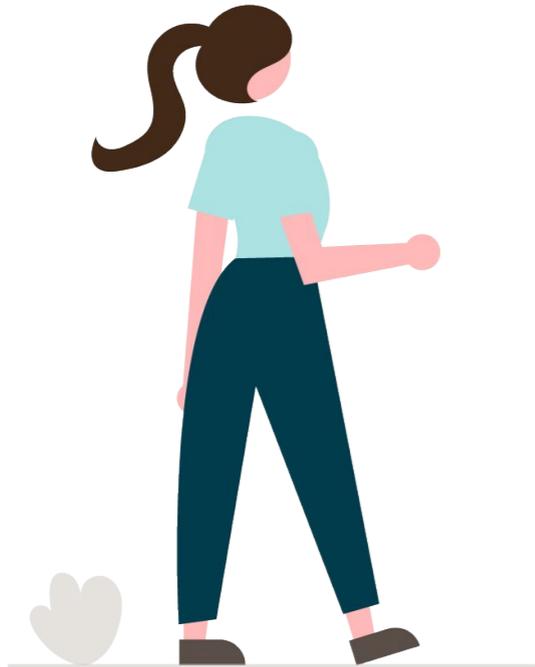**Parameters:** user,password.

Result: JSON

Important:

If the user that made the API invocation has agent permissions, the token will be shown under the "md5secret" key:

"mailbox": "",
"md5secret": "QXBpVXN1cjozMTY4ZWM3y05ZTQ4LTQ1ZjltOTEyOS0yOWY2Yz1mMzViMDQ=",
"pickupgroup": "",

If the user has only Supervisor and/or Administrador profile, then the token will be located in the position shown below:

```
[
  {
    "userid": "Admin",
    "password": "AjsBbbpWkaUl8dz0nMTc0Q==",
    "idgroup": "SuperUser",
    "enabled": true,
    "lastchange": "Feb 29, 2012 10:05:06 AM"
  },
  {
    "idgroup": "SuperUser",
    "containers": "",
    "queues": "",
    "bigroups": "",
    "description": "Super Usuarios",
    "allowdownloads": 1,
    "managedialers": 1,
    "managequality": 1
  },
  "QWRtaW46NjBhM2FlM2EtZTcyNi00ZTBkLTk0MWMtYzBjODhjODU4MjQx"
```
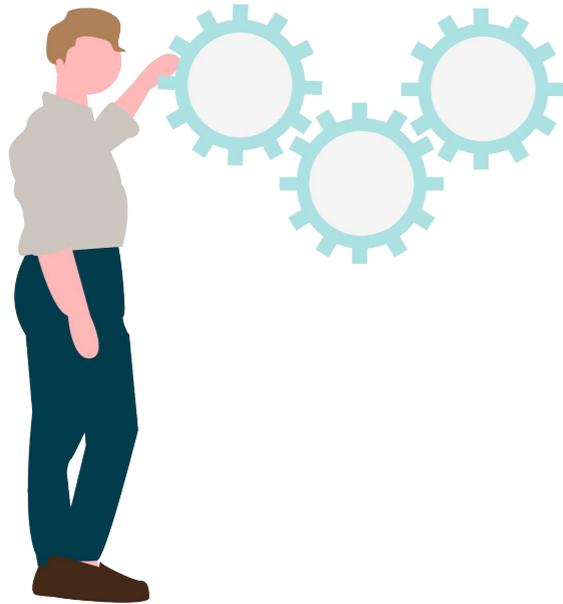
Invoking the API Key

How to invoke the API Key from AJAX.

```javascript
$.post({
  "url": "https://demo.ucontactcloud.com/Integra/resources/auth/UserLogin",
  "headers": {
      "Content-Type": "application/x-www-form-urlencoded"
  },
  "data": {
      "user": "IntegraUser",
      "password": "password"
  }
});
```

Invoking the API Key

After obtaining the APIKey it is needed to set the ajaxsetup to avoid the inclusion of this on each invocation.

```
$.ajaxSetup({
    headers: {
        'Authorization': "Basic" + "APIKey"
    }
});
```

- The client base file type must be CSV.

- Each line of the file must have the following format:

Campaign;mainNumber;parameters and values for workflows and forms(separated by :);alternatives phones(separated by :); priority (optional);agentphone (optional)

Each line of the file must be separated with ";" and parameters and/or alternative phones must be separated by ":".

See below an example line according to the format mentioned above:

DialerTest<-;098344484;var1=val1:var2=val2;099124484:099111111;9999;1001

Invoking the API to upload a contact base into a dialer.

Relative URL: Integra/resources/Dialers/uploadbase

Method: POST

content-type: application/x-www-form-urlencoded; charset=UTF-8

Params:

filename	(Name of the file)
fileb64	(base64 content of the file)
campaign	(Name of the campaign)
cant	(Count of records)
username	(user uploading)

Result: 1 (Async Method)

Example of the content of a CSV file converted to Base64.

Content csv file (line).

TestDialer<-;17688344484var1=val1:var2=val2;099124484:17688344484;9999;1001
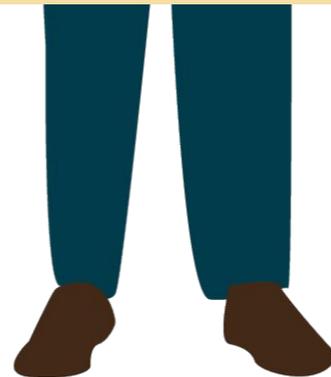
Base64 encrypted csv file.

cHJlZWJhMTswOTgzNDQ0ODQ7dmFyMTI2YWwxOnZhcjI9dmFsMjswOTkxMjQ0ODQ6MDk5MTExMTExOzk5OTk7MTAwMQ==

Invocation example in AJAX

```
$.post({
    "url": "https://demo.ucontactcloud.com/Integra/resources/Dialers/uploadbase",
    "headers": {
        "Content-Type": "application/x-www-form-urlencoded"
    },
    "data": {
        "filename": "TestFileBase",
        "fileb64": "UHJ1ZWJhRW5jdWVzdGE7MjUyNTI5NjE7Ozs5OTk5Ow==",
        "campaign": "TestDialer",
        "cant": "1",
        "username": "ApiUser"
    }
});
```

Considerations

- Dialer campaign must be already created in the system

- File format must be correct since API does not have any checkpoints verification on the format

Use the user name and token obtained previously as parameters to close the session.

Relative URL: Integra/resources/auth/EndSession

Method: POST

content-type: application/x-www-form-urlencoded; charset=UTF-8

Params: user

                token

Result: 1 OK 0 ERROR

```
$.post({
    "url": "https://demo.ucontactcloud.com/Integra/resources/auth/EndSession",
    "headers": {
    "Content-Type": "application/x-www-form-urlencoded"
  },
    "data": {
    "token": "APIKey",
    "user": "IntegraUser"
  }
});
```

Thanks!