

# List Presence

With the help of this method, you can list the presence of Extensions in particular contexts such as User, Organization or global.

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## Request/Response model

### Overview

Use this request to list the presence status of one or several Extensions.

If successful, the Service returns a collection of [Presence resources](#).

The request is made by an App that is registered to a User account.

To list the presence of extensions in a desired context, issue a HTTP GET request:

#### Model

```
HTTP-Method      = "GET"
URI-Fragment     = "/uapi/extensions/" User-Id "/" Extension-Number "/presence"
Query-Parameters = Get-ExtensionPresence-Request-Parameters
Request-Payload  = null

Return-Object    = Collection<ExtensionPresence>
```

#### Example

```
GET /uapi/extensions/@me/0003*210/presence/ HTTP/1.1
HOST uapi.voipnow.com
Content Type: application/json
Authorization: Bearer token
```

## Request

This section describes how to format the request to the service.

### URI fragment

The following parameters must be sent in the URI fragment:

Name	Type	Required	Description
userId	<a href="#">User-Id</a>	Yes	Id of the User which owns the Extensions for which the presence is returned. It can take one of the following values: @me - refers to the <a href="#">authenticated User</a> . @viewer - also refers to the <a href="#">authenticated User</a> . @owner - refers to the User that owns the Extension used to make the phone call. User-Id - refers to the unique identifier of the User. Default: @me
extension	<a href="#">UAPI-Extension-Number</a>	Yes	Extended number of a Phone Terminal Extension. Use @self to match all the extensions under the User.

### Get ExtensionPresence request parameters

#### Restriction to Standard Request Parameters

All requests to list the Phone Calls support the [Standard-Request-Parameters](#):

Name	Type	Description
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<b>count</b>	Number	The page size of a collection. Maximum possible value is 5000. Default: 20 entries
<b>filterBy</b>	String	Records can be filtered only by the extension field.
<b>filterValue</b>	String	The value to filter by.
<b>startIndex</b>	Number	The start index of the paged collection. Maximum possible value is 5000. Default: 0

## Custom Request Parameters

These additional parameters can be sent in the Query-Parameters:

Name	Type	Description
<b>fields</b>	Array<String>	An array of ExtensionPresence field names. For standard values, please see the <a href="#">Presence</a> object.

## Response

### Success

If successful, a collection of [Presence](#) resources and the following HTTP statuses:

HTTP Code	Description
200	The list of phone calls is returned.
204	There are no phone calls to be returned.

### Failure

When it fails, the request returns the following error codes:

HTTP Code	Code	Description
400	extension_invalid	Value supplied in the URI-Fragment as extension is invalid. The parameter must reference the number of an existing Phone Terminal extension or can be set to @self.
400	fields_invalid	Value supplied in fields parameter is missing or invalid. The parameter must be set to a value of consisting of the name of the possible Presence fields separated by a comma (e.g. extension, id, answered).
400	count_invalid	Value supplied in count parameter is missing or invalid. The parameter must be set to a numeric value lower than 5000.
400	filterby_invalid	Value supplied in filterBy parameter is missing or invalid. The parameter must be set to the name of a Presence field.
400	filterop_invalid	Value supplied in filterOp parameter is missing or invalid. The parameter must be set to one of the values: contains, equals, starts with or present.
400	filtervalue_invalid	Value supplied in filterValue parameter is missing or invalid. The parameter must be set to a string value.
400	sortorder_invalid	Value supplied in sortOrder parameter is missing or invalid. The parameter must be set to one of the values: ascending or descending.
400	startindex_invalid	Value supplied in startIndex parameter is missing or invalid. The parameter must be set to a numeric value, higher or equal with 0 and lower than 5000.

## Example

Here is an example to help you understand the request and the response.

This example lists the presence of Extension 0003\*210. The request is made by an App on behalf of a User.

### HTTP Request

```
GET /uapi/extensions/@me/0003*210/presence/ HTTP/1.1
HOST uapi.voipnow.com
Content Type: application/json
Authorization: Bearer token
```

Assuming that the request has been successful, the Service answers with:

### HTTP Response

```
HTTP/1.1 200 OK
...

{
  "startIndex":0,
  "totalResults":2,
  "itemsPerPage":20,
  "filtered":false,
  "sorted":false,
  "entry":[
    {
      "extension":"0003*210",
      "status":0,
      "registration": [
        {
          "agent": "3CXPhone 5.0.14439.0",
          "registration": "-1",
          "expire": "2011-02-10T15:10:55Z"
        }
      ]
    }
  ]
}
```