

# API

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## General Information

Base-URL for our API is **https://api.openload.co/1** (note the 1 for version 1 behind the /)

All requests to the API shall be HTTP/1.1 GET

Please make sure to use the API with https only.

Most requests require a API Login & API Key, you can find both in the User Panel at the "User Settings" Tab.

Response is json, structure is as follows:

```
{
  "status": <status-code>,
  "msg": "<informational message. might vary, use the status code in your code!>",
  "result": <result of the request. varies depending on the request>
}
```

### **status**

200: Everything is OK. Request succeeded

400: Bad request (e.g. wrong parameters)

403: Permission denied (wrong api login/key, action on a file which does not belong to you, ...)

404: File not found

451: Unavailable For Legal Reasons

509: Bandwidth usage exceeded. Please try again later or use Browser Download. (you might see this during peak hours)

50x: Server errors. You should not see this, but be prepared.

### **msg**

This message gives more detailed information in case there is an error.

You can use this for displaying it to the user, but please don't use it for checking if the request succeeded. That's what the status code is for.

## result

holds the response of the request if succeeded. Might hold an array of data or just a boolean true/false, depending on the request

## Account Infos

Everything account related (total used storage, reward, ...)

## Request

```
https://api.openload.co/1/account/info?login={login}&key={key}
```

## Parameters

Name	Description	Example	Required
login	API-Login	5147a8f8e924bc82	yes
key	API-Key / API-Password	Fa89_X13-37a8CKR	yes

## Response

```
200 (OK)
Content-Type: application/json
```

```
{
  "status": 200,
  "msg": "OK",
  "result": {
    "extid": "extuserid",
    "email": "jeff@openload.io",
    "signup_at": "2015-01-09 23:59:54",
    "storage_left": -1,
    "storage_used": "32922117680",
    "traffic": {
      "left": -1,
      "used_24h": 0
    },
    "balance": 0
  }
}
```

## Download Ticket

preparing a Download

### Request

```
https://api.openload.co/1/file/dlticket?file={file}&login={login}&key={key}
```

### Parameters

Name	Description	Example	Required
file	File-ID	72fA-_Lq8Ak	yes
login	API-Login	5147a8f8e924bc82	no
key	API-Key / API-Password	Fa89_X13-37a8CKR	no

### Response

```
200 (OK)
Content-Type: application/json
```

```
{
  "status": 200,
  "msg": "OK",
  "result": {
    "ticket": "72fA-_Lq8Ak~~1440353112~n~~0~nXtN3RI-nsEa28Iq",
    "captcha_url": "https://openload.co/dlcaptcha/b92eY_nfjV4.png",
    "captcha_w": 140,
    "captcha_h": 70,
    "wait_time": 10,
    "valid_until": "2015-08-23 18:20:13"
  }
}
```

## Download Link

get a download link by using download ticket

### Request

```
https://api.openload.co/1/file/dl?file={file}&ticket={ticket}&captcha_response={captcha_response}
```

### Parameters

Name	Description	Example	Required
file	File-ID	72fA-_Lq8Ak	yes
ticket	previously generated download ticket	72fA-_Lq8Ak~~1440353112~n~~0~nXtN3RI-nsEa28Iq	yes
captcha_response	result of the captcha, if any	captchas suck	yes

### Response

```
200 (OK)
Content-Type: application/json
```

```
{
  "status": 200,
  "msg": "OK",
  "result": {
    "name": "The quick brown fox.txt",
    "size": 12345,
    "sha1": "2fd4e1c67a2d28fced849ee1bb76e7391b93eb12",
    "content_type": "plain/text",
    "upload_at": "2011-01-26 13:33:37",
    "url": "https://abvzps.example.com/dl/1/4spxX_-cS04/The+quick+brown+fox.txt",
    "token": "4spxX_-cS04"
  }
}
```

## File Info

check the status of a file, e.g. if the file exists

### Request

```
https://api.openload.co/1/file/info?file={file}&login={login}&key={key}
```

### Parameters

Name	Description	Example	Required
file	File-ID(s), single file or comma-separated (max. 50)	72fA-_Lq8Ak,72fA-_Lq8Ak4,72fA-_Lq8Ak5,72fA-_Lq8Ak6	yes
login	API-Login	5147a8f8e924bc82	no
key	API-Key / API-Password	Fa89_X13-37a8CKR	no

### Response

```
200 (OK)
Content-Type: application/json
```

```

{
  "status": 200,
  "msg": "OK",
  "result": {
    "72fA-_Lq8Ak3": {
      "id": "72fA-_Lq8Ak3",
      "status": 200,
      "name": "The quick brown fox.txt",
      "size": 123456789012,
      "sha1": "2fd4e1c67a2d28fced849ee1bb76e7391b93eb12",
      "content_type": "plain/text",
    },
    "72fA-_Lq8Ak4": {
      "id": "72fA-_Lq8Ak4",
      "status": 500,
      "name": "The quick brown fox.txt",
      "size": false,
      "sha1": "2fd4e1c67a2d28fced849ee1bb76e7391b93eb12",
      "content_type": "plain/text",
    },
    "72fA-_Lq8Ak5": {
      "id": "72fA-_Lq8Ak5",
      "status": 404,
      "name": false,
      "size": false,
      "sha1": false,
      "content_type": false,
    },
    "72fA-_Lq8Ak6": {
      "id": "72fA-_Lq8Ak6",
      "status": 451,
      "name": "The quick brown fox.txt",
      "size": 123456789012,
      "sha1": "2fd4e1c67a2d28fced849ee1bb76e7391b93eb12",
      "content_type": "plain/text",
    }
  }
}

```

## Upload

### Get an Upload URL

Uploads shall be POSTed to the upload URL returned by our API and shall be multipart/form-data encoded. Example with curl:

```
curl -F file1=@/path/to/file.txt https://13abc37.example.com/ul/jAZUhVzeU78
```

## Request

```
https://api.openload.co/1/file/ul?login={login}&key={key}&folder={folder}&sha1={sha1}&httponly={httponly}
```

## Parameters

Name	Description	Example	Required
login	API-Login	5147a8f8e924bc82	no
key	API-Key / API-Password	Fa89_X13-37a8CKR	no
folder	Folder-ID to upload to	1234	no
sha1	Expected sha1 If sha1 of uploaded file doesn't match this value, upload fails	2fd4e1c67a2d28fced849ee1bb76e7391b93eb12	no
httponly	If this is set to true, use only http upload links	2fd4e1c67a2d28fced849ee1bb76e7391b93eb12	no

## Response

```
200 (OK)
Content-Type: application/json
```

```
{
  "status": 200,
  "msg": "OK",
  "result": {
    "url": "https://13abc37.example.com/ul/fCgaPthr_ys",
    "valid_until": "2015-01-09 00:02:50"
  }
}
```



# Add Remote Upload

## Remote Uploading a file

### Request

```
https://api.openload.co/1/remotedl/add?login={login}&key={key}&url={url}&folder={folder}&headers={headers}
```

### Parameters

Name	Description	Example	Required
login	API-Login	5147a8f8e924bc82	yes
key	API-Key / API-Password	Fa89_X13-37a8CKR	yes
url	Remote URL	http://google.com/favicon.ico	yes
folder	Folder-ID to upload to	1234	no
headers	additional HTTP headers, separated by newline (e.g. Cookies or HTTP Basic-Auth)	User-Agent: Mozilla/5.0 (X11; Ubuntu; Linux x86_64; rv:35.0) Gecko/20100101 Firefox/35.0 Cookie: auth=1234;	no

### Response

```
200 (OK)
Content-Type: application/json
```

```
{
  "status": 200,
  "msg": "OK",
  "result": {
    "id": "12",
    "folderid": "4248"
  }
}
```

# Check Remote Upload Status

## Check Status of Remote Upload

### Request

```
https://api.openload.co/1/remotedl/status?login={login}&key={key}&limit={limit}&id={id}
```

### Parameters

Name	Description	Example	Required
login	API-Login	5147a8f8e924bc82	yes
key	API-Key / API-Password	Fa89_X13-37a8CKR	yes
limit	Maximum number of results (Default: 5, Maximum: 100)	5	no
id	Remote Upload ID	1234	no

### Response

```
200 (OK)
Content-Type: application/json
```

```
{
  "status": 200,
  "msg": "OK",
  "result": {
    24: {
      "id": 24,
      "remoteurl": "http://proof.ovh.net/files/100Mio.dat",
      "status": "new",
      "bytes_loaded": null,
      "bytes_total": null,
      "folderid": "4248",
      "added": "2015-02-21 09:20:26",
      "last_update": "2015-02-21 09:20:26",
      "extid": false,
      "url": false
    },
    22: {
      "id": 22,
      "remoteurl": "http://proof.ovh.net/files/1Gio.dat",
      "status": "downloading",
      "bytes_loaded": "823997062",
      "bytes_total": "1073741824",
      "folderid": "4248",
      "added": "2015-02-21 09:20:26",
      "last_update": "2015-02-21 09:21:56",
      "extid": false,
      "url": false
    },
    20: {
      "id": 20,
      "remoteurl": "http://google.de/favicon.ico",
      "status": "finished",
      "bytes_loaded": "229",
      "bytes_total": "229",
      "folderid": "4248",
      "added": "2015-02-21 09:03:47",
      "last_update": "2015-02-21 09:04:04",
      "extid": "ANAaeBZus-Q",
      "url": "https://openload.co/f/ANAaeBZus-Q"
    },
    3: {
      "id": 3,
      "remoteurl": "http://127.0.0.1/",
      "status": "error",
      "bytes_loaded": "162",
      "bytes_total": "162",
      "folderid": "4",
      "added": "2015-02-17 18:58:11",
      "last_update": "2015-02-19 18:07:45",
      "extid": false,
      "url": false
    }
  }
}
```

```
}  
  }  
}
```

## List Folder

Shows the content of your folders

### Request

```
https://api.openload.co/1/file/listfolder?login={login}&key={key}&folder={folder}
```

### Parameters

Name	Description	Example	Required
login	API-Login	5147a8f8e924bc82	yes
key	API-Key / API-Password	Fa89_X13-37a8CKR	yes
folder	Folder-ID	5	no

### Response

```
200 (OK)  
Content-Type: application/json
```

```

{
  "status": 200,
  "msg": "OK",
  "result": {
    "folders": [
      {
        "id": "5144",
        "name": ".videothumb"
      },
      {
        "id": "5792",
        "name": ".subtitles"
      },
      {
        "id": "6272",
        "name": "test"
      },
      {
        "id": "6288",
        "name": "video"
      },
      {
        "id": "6396",
        "name": "images"
      },
      {
        "id": "6990",
        "name": "tmp"
      }
    ],
    "files": [
      {
        "name": "big_buck_bunny.mp4.mp4",
        "sha1": "c6531f5ce9669d6547023d92aea4805b7c45d133",
        "folderid": "4258",
        "upload_at": "1419791256",
        "status": "active",
        "size": "5114011",
        "content_type": "video/mp4",
        "download_count": "48",
        "cstatus": "ok",
        "link": "https://openload.co/f/UPPjeAk--30/big_buck_bunny.mp4.mp4",
        "linkextid": "UPPjeAk--30"
      },
      {
        "name": "Sintel.2010.1080p.mkv.mp4",
        "sha1": "7ca6da73b4f0881bd8dca78e9059e2e6830acce6",
        "folderid": "4258",
        "upload_at": "1426534681",
        "status": "active",

```

```
    "size": "1116102098",
    "content_type": "video/mp4",
    "download_count": "37",
    "cstatus": "ok",
    "link": "https://openload.co/f/AYgHe95d1E4/Sintel.2010.1080p.mkv.mp4",
    "linkextid": "AYgHe95d1E4"
  }
]
}
}
```

## Rename Folder

Set a new name for a folders

### Request

```
https://api.openload.co/1/file/renamefolder?login={login}&key={key}&folder={folder}&name={name}
```

### Parameters

Name	Description	Example	Required
login	API-Login	5147a8f8e924bc82	yes
key	API-Key / API-Password	Fa89_X13-37a8CKR	yes
folder	Folder-ID	5	yes
name	new Folder-Name	my%20new%20foldername	yes

### Response

```
200 (OK)
Content-Type: application/json
```

```
{
  "status": 200,
  "msg": "OK",
  "result": true
}
```

## Rename File

Set a new name for a file

### Request

```
https://api.openload.co/1/file/rename?login={login}&key={key}&file={file}&name={name}
```

### Parameters

Name	Description	Example	Required
login	API-Login	5147a8f8e924bc82	yes
key	API-Key / API-Password	Fa89_X13-37a8CKR	yes
file	File ID	UPPjeAk--30	yes
name	new File-Name	My%20File%20Backup_2017.zip	yes

### Response

```
200 (OK)
Content-Type: application/json
```

```
{
  "status": 200,
  "msg": "OK",
  "result": true
}
```

## Delete File

Remove one of your files

### Request

```
https://api.openload.co/1/file/delete?login={login}&key={key}&file={file}
```

### Parameters

Name	Description	Example	Required
------	-------------	---------	----------

login	API-Login	5147a8f8e924bc82	yes
key	API-Key / API-Password	Fa89_X13-37a8CKR	yes
file	File ID	UPPjeAk--30	yes

## Response

200 (OK)  
Content-Type: application/json

```
{
  "status": 200,
  "msg": "OK",
  "result": true
}
```

## Converting Files

Convert previously uploaded files to a browser-streamable format (mp4 / h.264)

## Request

<https://api.openload.co/1/file/convert?login={login}&key={key}&file={file}>

## Parameters

Name	Description	Example	Required
login	API-Login	5147a8f8e924bc82	yes
key	API-Key / API-Password	Fa89_X13-37a8CKR	yes
file	File-ID	UPPjeAk--30	yes

## Response

200 (OK)  
Content-Type: application/json



```
{
  "status": 200,
  "msg": "OK",
  "result": true
}
```

## Show running file converts

Shows running file converts by folder

### Request

```
https://api.openload.co/1/file/runningconverts?login={login}&key={key}&folder={folder}
```

### Parameters

Name	Description	Example	Required
login	API-Login	5147a8f8e924bc82	yes
key	API-Key / API-Password	Fa89_X13-37a8CKR	yes
folder	Folder-ID	5	no

### Response

```
200 (OK)
Content-Type: application/json
```

```
{
  "status": 200,
  "msg": "OK",
  "result": [
    {
      "name": "Geysir.AVI",
      "id": "3565411",
      "status": "pending",
      "last_update": "2015-08-23 19:41:40",
      "progress": 0.32,
      "retries": "0",
      "link": "https://openload.co/f/f02JFG293J8/Geysir.AVI",
      "linkextid": "f02JFG293J8"
    }
  ]
}
```

Show failed file converts

Coming soon ...

Get splash image

Shows the video splash image (thumbnail)

### Request

```
https://api.openload.co/1/file/getsplash?login={login}&key={key}&file={file}
```

### Parameters

Name	Description	Example	Required
login	API-Login	5147a8f8e924bc82	yes
key	API-Key / API-Password	Fa89_X13-37a8CKR	yes
file	File-ID	AYgHe95d1E4	yes

### Response