Manage files

Upload and pin files across the IPFS network using Infura's API endpoints, custom tools, and libraries.

info Infura doesn't currently support remote pinning services on IPFS Desktop.

Upload a file with the IPFS API

curl -X POST -F file=@myfile \ -u ":" \ "https://ipfs.infura.io:5001/api/v0/add"

> { "Name":"ipfs_file_docs_getting_started_demo.txt", "Hash":"QmeGAVddnBSnKc1DLE7DLV9uuTqo5F7QbaveTjr45JUdQn", "Size":"44" } When you upload a file using the/api/v0/add endpoint, the file is automatically pinned, and it isn't necessary topin again.

Upload a file with the Infura UI

Upload one or more files using the Infura UI. Uploaded files are automatically pinned and automatically appear in your project's dashboard explorer. Unpin it at any time using the unpin button in the UI. To upload content:

1. In the IPFS dashboard for your project, selectUPLOAD CONTENT
2. .
3. Drag and drop, or select one or more files to upload, and clickUPLOAD
4. .

Your uploaded files will display in the dashboard.

Upload a file withipfs-upload-client

Infura'sipfs-upload-client is a command line tool for uploading files and directories to IPFS. Install the tool using the following steps:

1. Clone the ipfs-upload-client repository:
2. git clone https://github.com/INFURA/ipfs-upload-client.git
3. Change to theipfs-upload-client
4. directory:
5. cd ipfs-upload-client
6. Compile the source code to create a binary in the project folder:
7. go build

Upload your files and directories to IPFS using the following syntax:

./ipfs-upload-client --id --secret By default, the tool also pins your uploaded file. You can override this default by setting--pin false . Read more about using the tool inthis blog post .

Command flags

--id API key --secret API key secret --url The API URL (default "https://ipfs.infura.io:5001", set with --url) --pin Whether or not to pin the data (default true, set to false with --pin=false)

Pin a file

IPFS pinning allows you to retain and persist data on IPFS nodes. Pinning assures that data is accessible indefinitely, and not removed during theIPFS garbage collection process .

curl -X POST -u ":" \ "https://ipfs.infura.io:5001/api/v0/pin/add?arg=QmeGAVddnBSnKc1DLE7DLV9uuTqo5F7QbaveTjr45JUdQn" A pinned file will appear in your project's dashboard explorer. You canunpin it at any time using the unpin button in the UI or with the API endpoint.

Unpin a file

Unpin a file using the Infura UI or IPFS API.

To unpin a file in the Infura UI, select the file in the IPFS dashboard for your project and select theUNPIN link.

Alternatively, use the IPFS API to unpin content.

```
curl -X POST -u ":" \ "https://ipfs.infura.io:5001/api/v0/pin/rm?
arg=QmeGAVddnBSnKc1DLE7DLV9uuTqo5F7QbaveTjr45JUdQn"
```

Read a file

```
curl -X POST -u ":" \ "https://ipfs.infura.io:5001/api/v0/cat?
arg=QmeGAVddnBSnKc1DLE7DLV9uuTqo5F7QbaveTjr45JUdQn"
```

> Infura IPFS - Getting started demo.

Last updatedonApr 19, 2024 Previous Authenticate requests Next Migrate to Infura's IPFS service