Authenticate requests

To connect to IPFS, Infura requires the use of Basic authentication in the [Authorization HTTP header](#) . Basic authentication involves sending a base64-encoded string that contains your username and password.

info To access the IPFS network through Infura, you'll need to add a billing card to your account, even if you're using a free account. Refer to the [billing details](#) for more information. The format for the Authorization header is as follows:

Authorization: Basic Username is theAPI_KEY and password is theAPI_KEY_SECRET. Find your authorization credentials in the API key's settings page after you [register your Infura account](#) and [create an API key](#) that includes the IPFS network.

For example, to authenticate and upload a file to IPFS using cURL, you would use the following command:

curl -X POST -F file=@myfile -u ":" "https://ipfs.infura.io:5001/api/v0/add" cURL automatically generates the authorization header and encodes your credentials.