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How To Link Credentials Via GitHub

[Linking your account addresses](#) to your [DID and web3name](#) is a personal and recognizable way to represent yourself across the Polkadot and (coming soon) Ethereum ecosystems. Any number of your account addresses may be linked.

Creating [SocialKYC credentials](#), linking them and making them public adds an additional layer of information. This gives more information about who you are – particularly useful for validators or collators, increasing trust.

Credentials may be added via any service endpoint. Follow the instructions below to add credentials publicly to your DID and web3name via GitHub.

Getting Started

In order to link your credentials to your identity and web3name, you need a Sporran wallet, credentials, and a KILT DID.

If you don't already have them, follow our PDF guides below for instructions on setting them up:

[How-to Guide, Sporran](#)

[How-to Guide, DID](#)

[How-to Guide, SocialKYC credentials](#)

[How-to Guide, web3name](#)

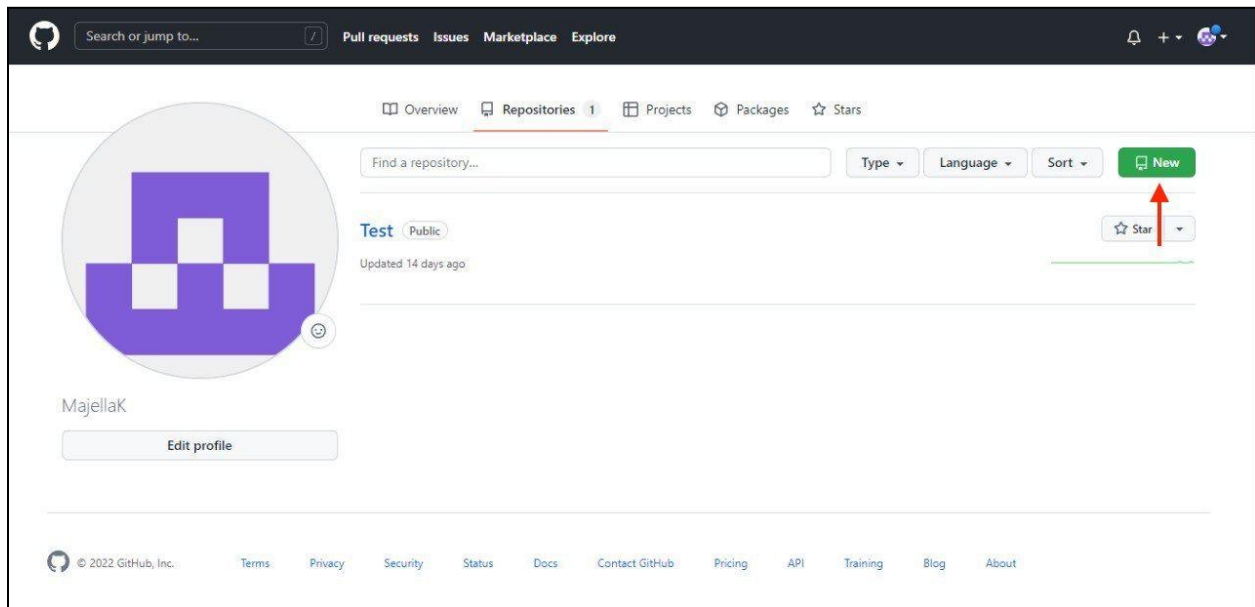
Once you have these, you're ready to go. Just follow the steps below.

Linking your credentials via GitHub public

Go to your GitHub account. If you don't already have one, set one up [here](#).

Create a public repository for your credentials:

Click “New” (or “Create Repository”, if you don't already have a repository)

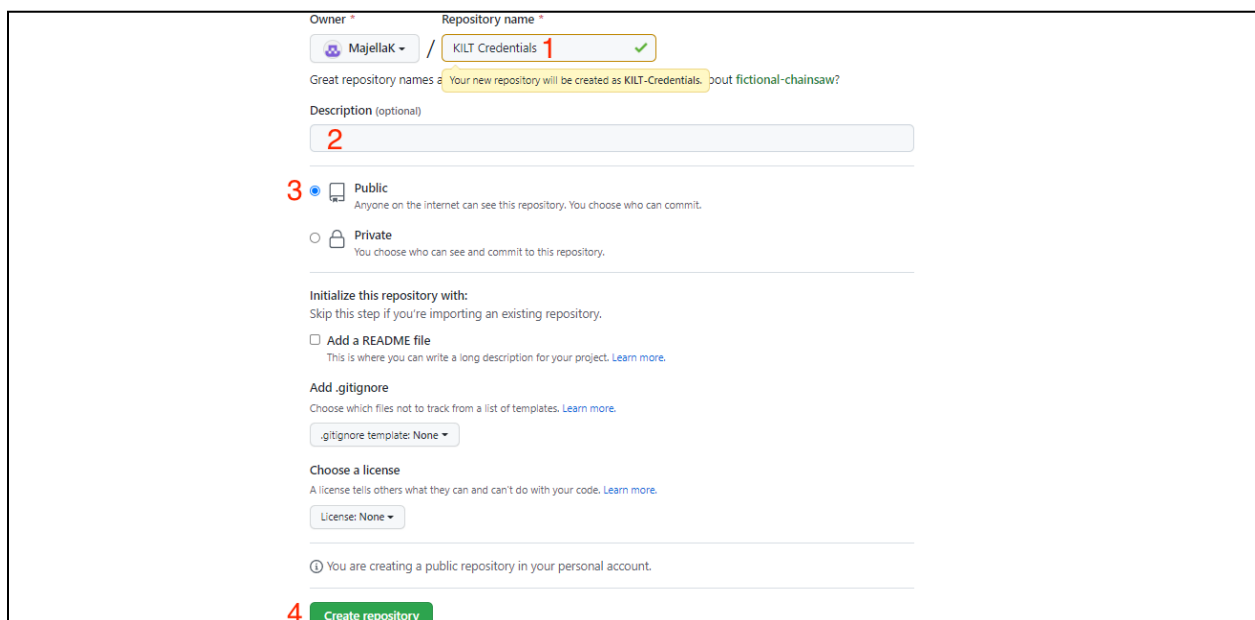


Enter a name (1) for your repository

Add a description (optional, 2)

Click next to “Public” (3)

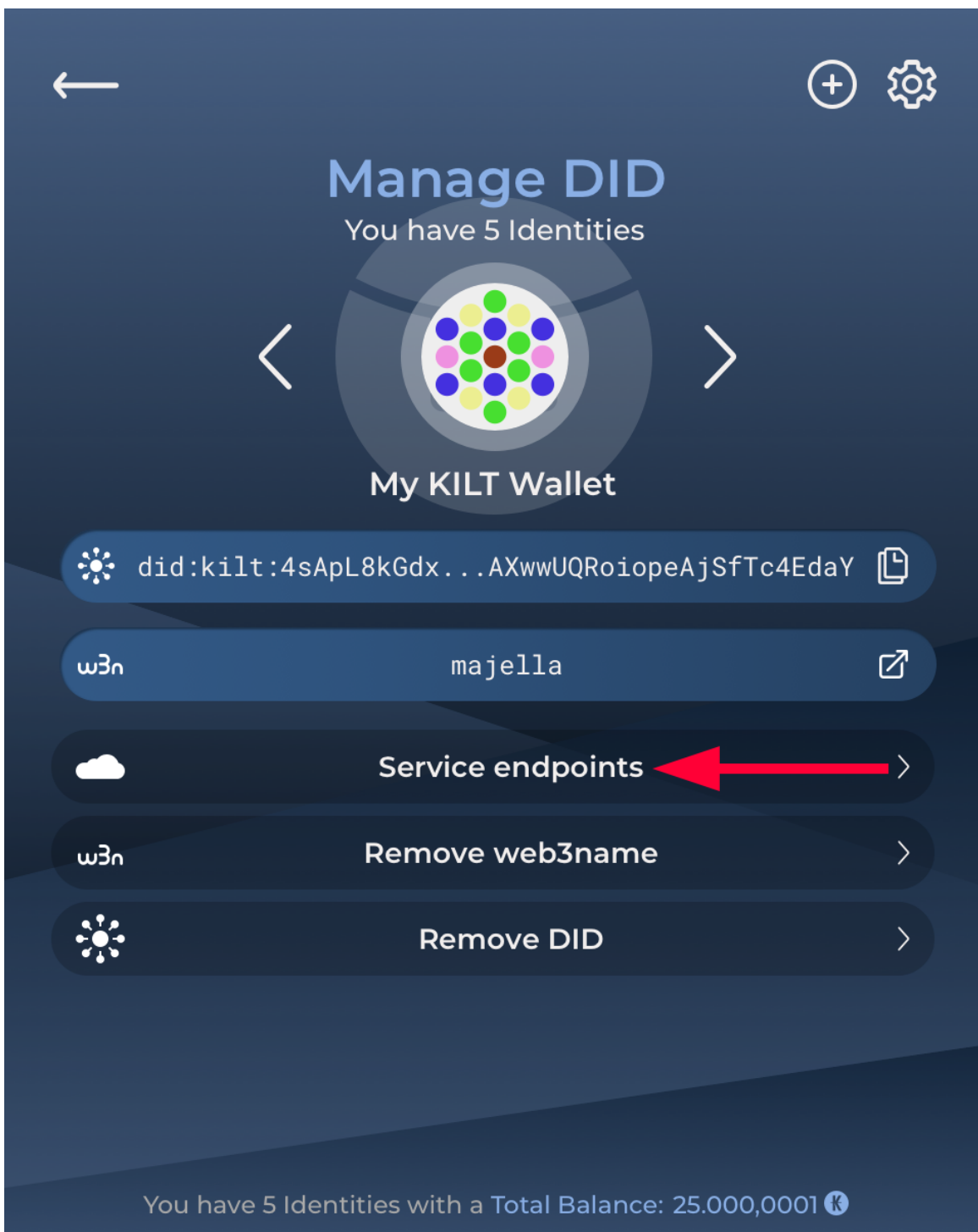
Click “Create repository” at the bottom of the page (4)



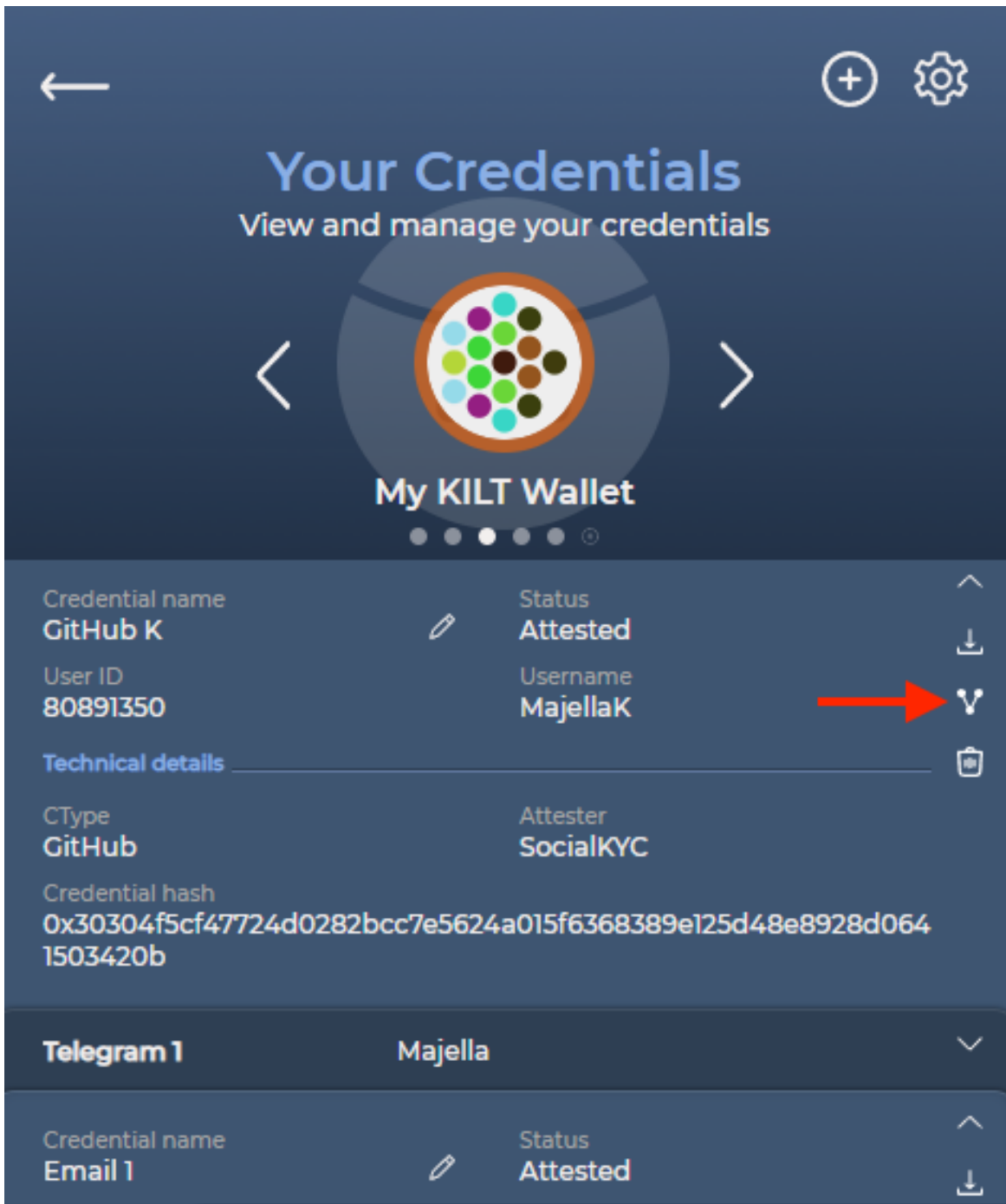
Go to your Sporran

Click “Show Credentials”

(If you don't have credentials, you can create them via [SocialKYC.io](https://socialkyc.io), follow the guide [here](#).)



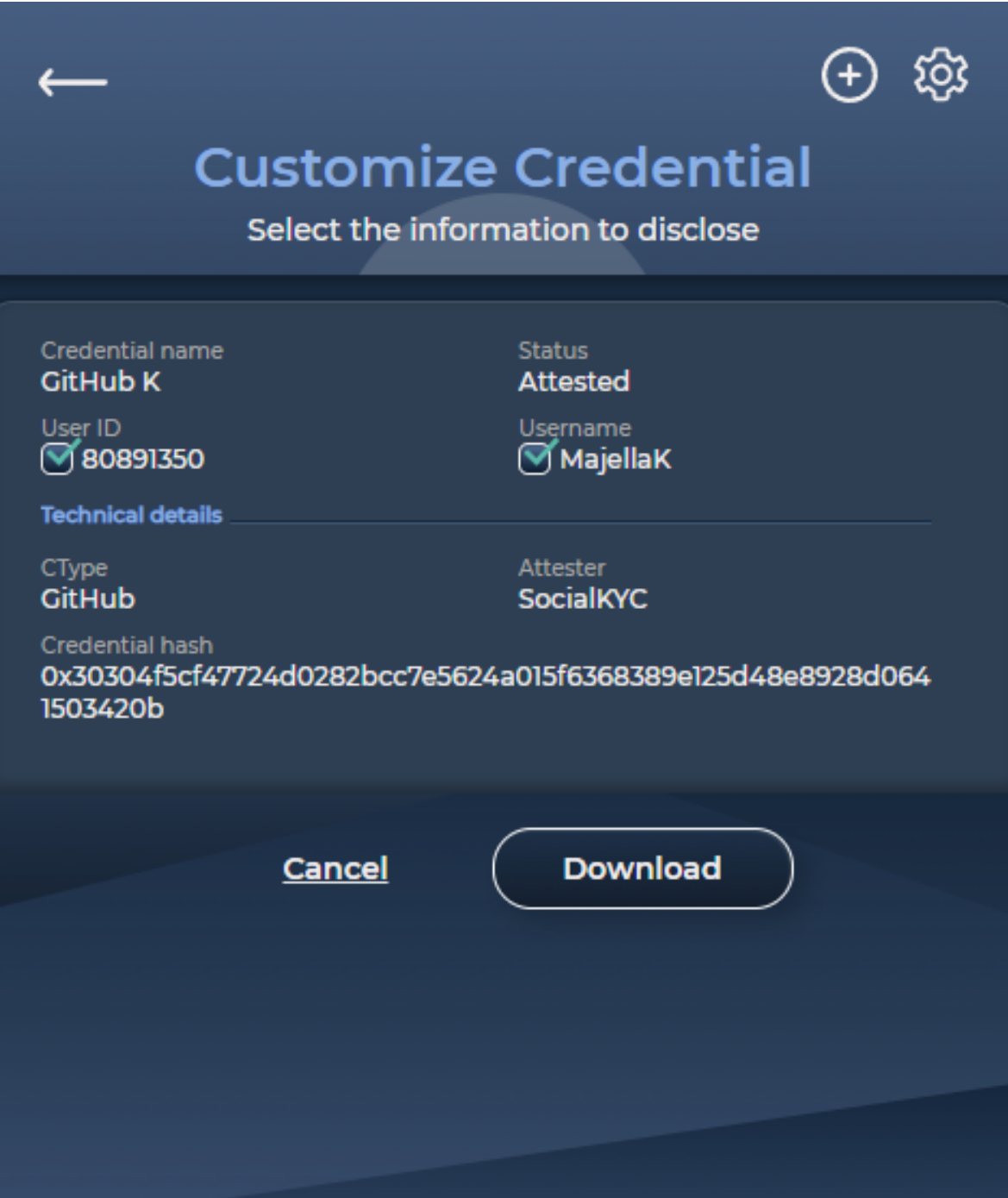
Click the share icon next to the credential



This opens up a popup “Create a version of your credential to save and share”

Click “Continue”.

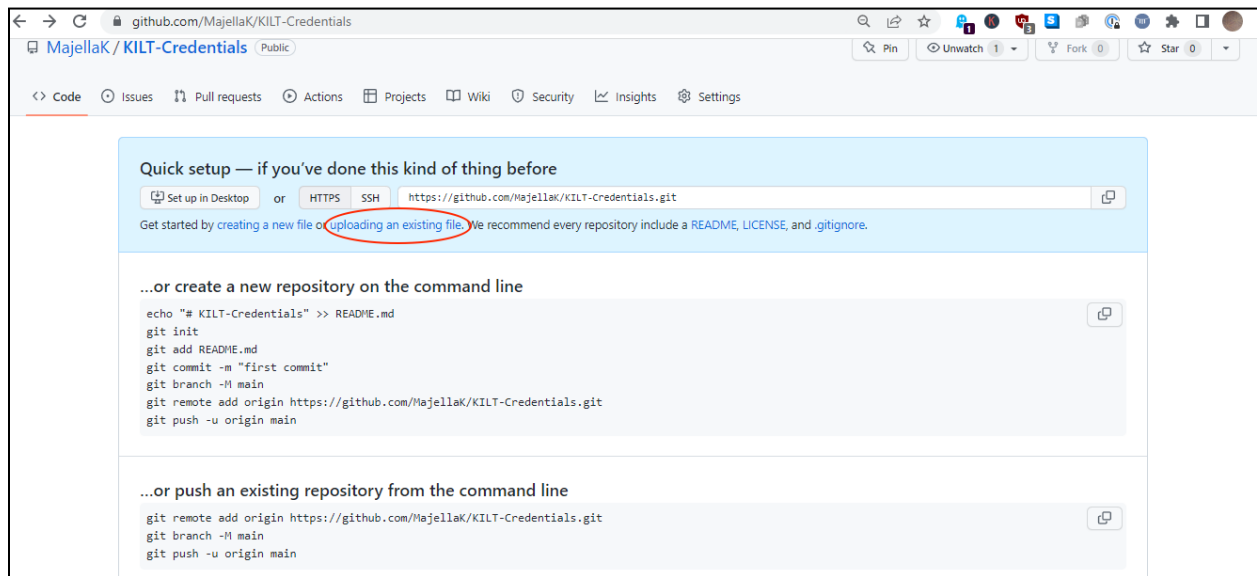
On the credential you can choose which parts of your credential you wish to share. For example, GitHub has the user ID and name, Telegram has the user ID, first name and user name. Untick any information you don't wish to have included.



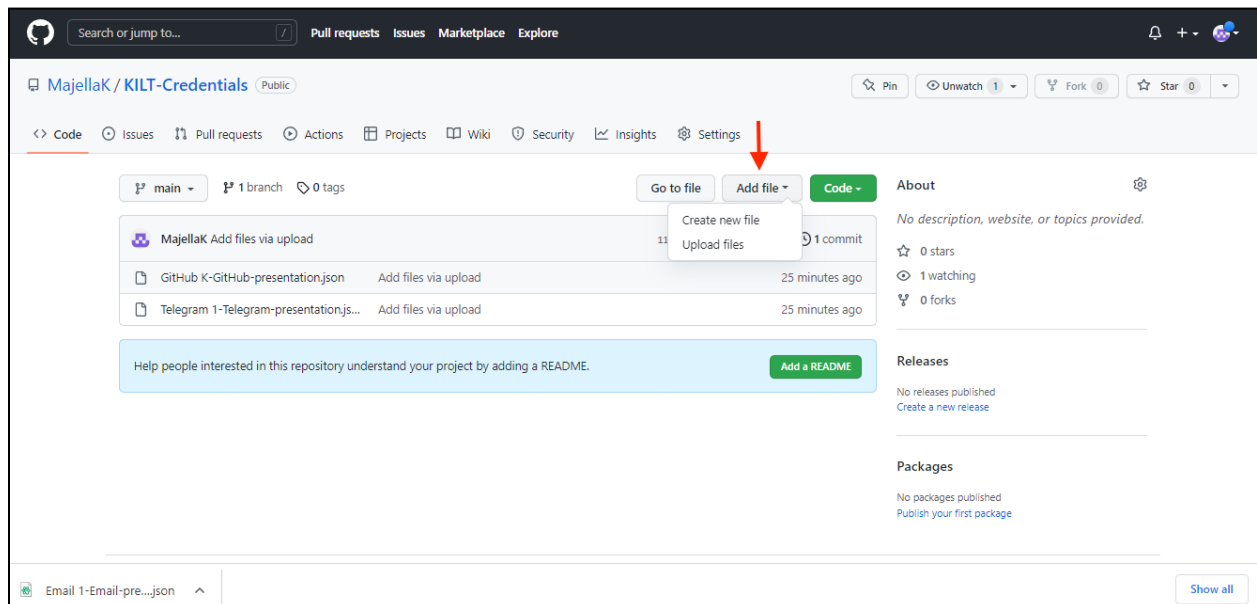
Click “Download”. Note, the downloaded version of the file will have “presentation” in the name

Go back to your GitHub account

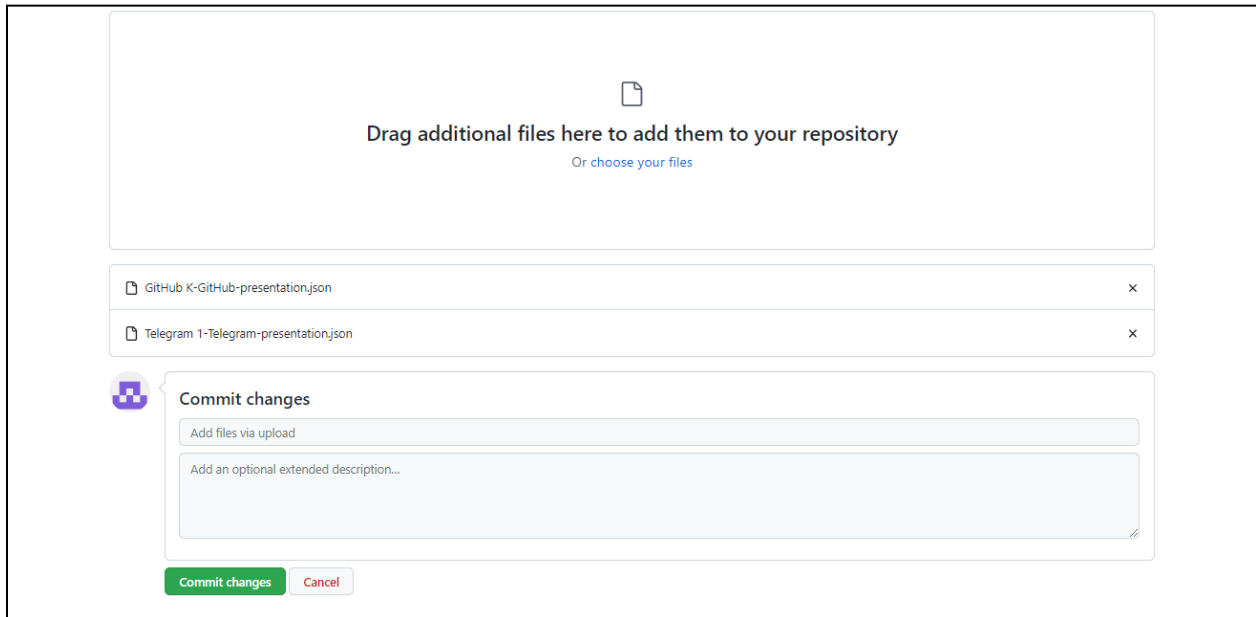
If this is a new repository, click “uploading an existing file”



If you already have files in the repository, click “Add file”, then “Upload files”



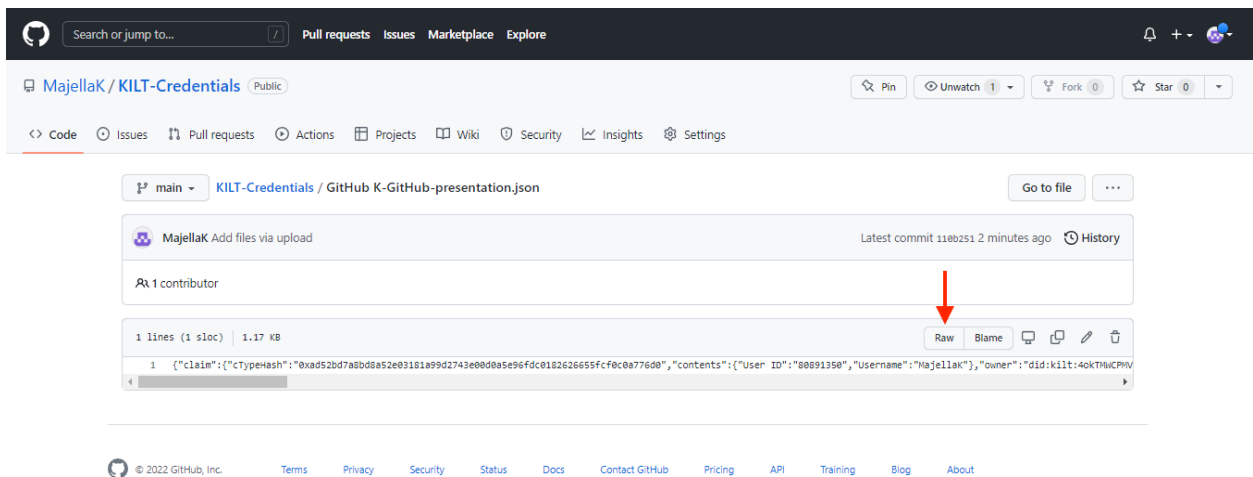
Add the credential you downloaded (Drag and drop or choose from your files)



Click “Commit changes”

When uploaded, click on the file

Click “Raw”



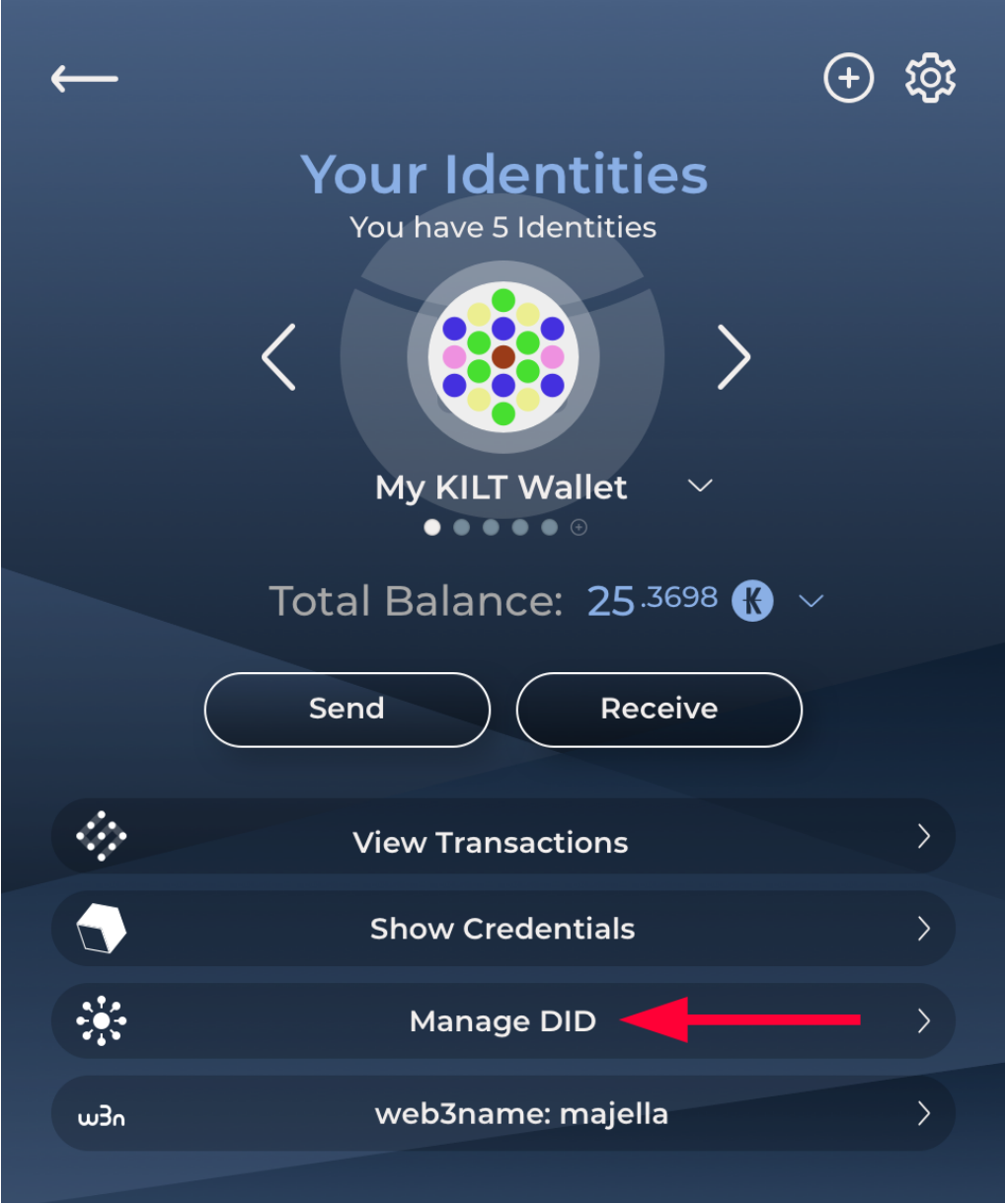
Copy the URL of the raw file.

Note, the URL will have “raw” and “presentation” included - if not, it may be the wrong URL.

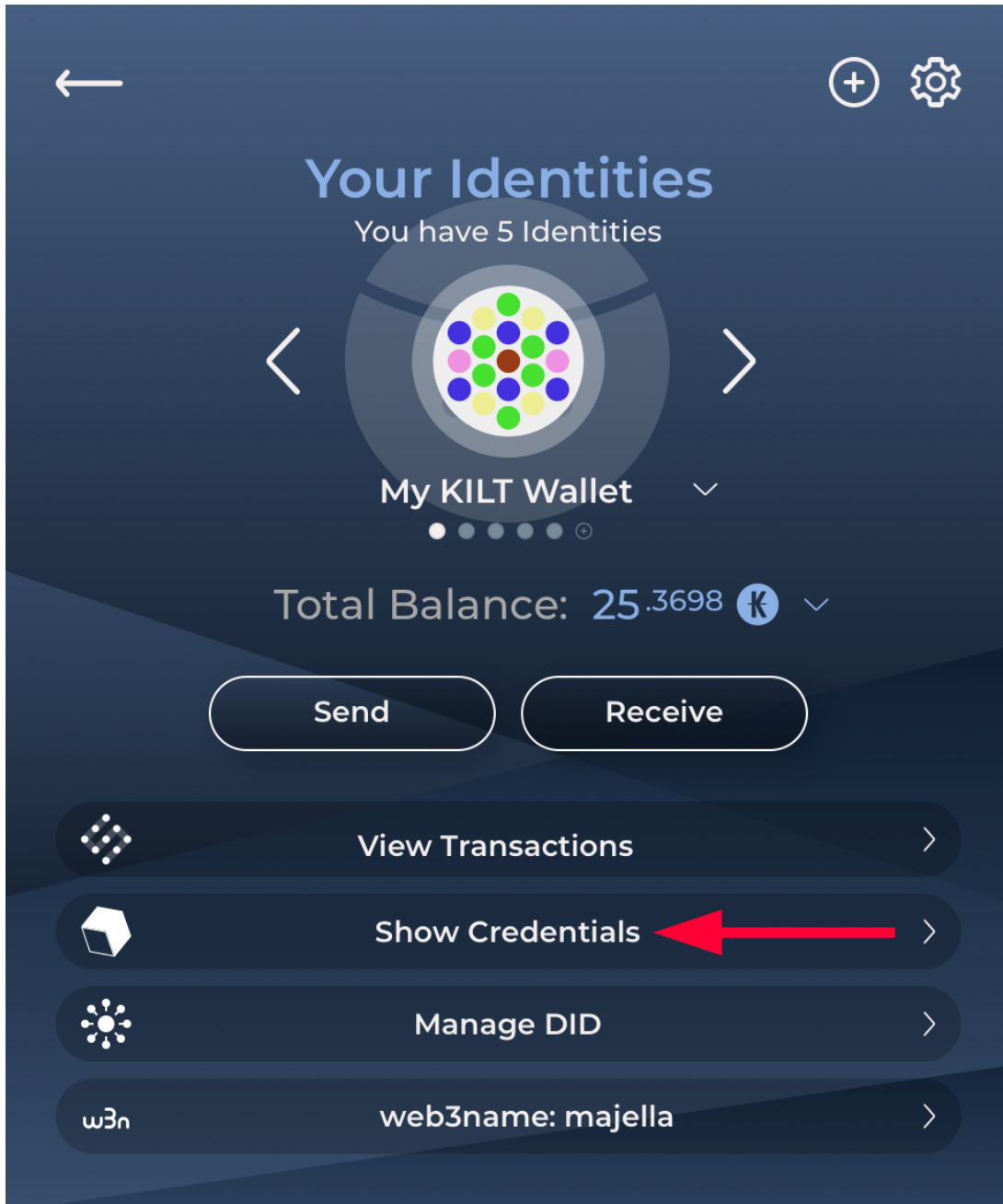
```
raw.githubusercontent.com/MajellaK/KILT-Credentials/main/GitHub%20K-GitHub-presentation.json
{"claim":{"cTypeHash":"0xad52bd7a8bd8a52e03181a99d2743e00da5e96fdc0182626655fc0e0a776d0","contents":{"User
ID":"80891350","Username":"MajellaK","owner":{"did:kilt:4okT/MCP/MKVasfdaH1MSQFAWBPZfDep9T4rnXVLPskpasNx"},"claimHashes":
["0x5da389da48e754364e75c708df292eabe77dec7f3085bf4aac6d95a58bd7e498","0x848020e375bf7217ac2f81476cf81eb8a5c3da9d44b8a97324a6a7916088e8ee","0x95583a1a5c84b57cb83f821267a2a733432da057d7f7c
20903cf613efb2be79"],"claimNonceMap":{"0x06a9c2755cec7355498cace1ff093d20b282a3e31b50791defd677e40edbae":"b90de7c6-f214-498e-bc4d-
46753e402f69","0x44a6cf8080a5286a239c1163d94ae149c93025edd6c92a5b3aadf916b08":"2b19a659-6379-472a-8761-
640efdc1dc30","0x400288382028bf12fd68f6f0a80c21a73fbd421a77ee022f2efacc7d53b2f3":"152933a1-81f5-4add-adf5-2f446bb66699"},"legitimations":
[],"delegationId":null,"rootHash":{"0x30304f5cf47724d0282bcc7e5624a015f6368389e125d48e8928d0641503420b"},"claimerSignature":
{"keyId":{"did:kilt:4okT/MCP/MKVasfdaH1MSQFAWBPZfDep9T4rnXVLPskpasNx@0xe5f7d9c2fcd2a0efe3cd7f2a7fa6f8dae194ae2f394fd94632f2be4279fe72b1"},"signature":"0xe2535ca223d0f031807b3ed1ed02e90ce4243
d9127371eb4219924609071ba71bc9233c951ad8c49c8406ee8305681763671ae68794462179f72d35c59fcae82"}}
```

Go back to Sporrán

Click "Manage DID"



Click "Service Endpoints"



Click “+ Add service endpoint”

Add the URL you copied. (5)

Type: Add type of credential (Email, Telegram, etc.) (6)

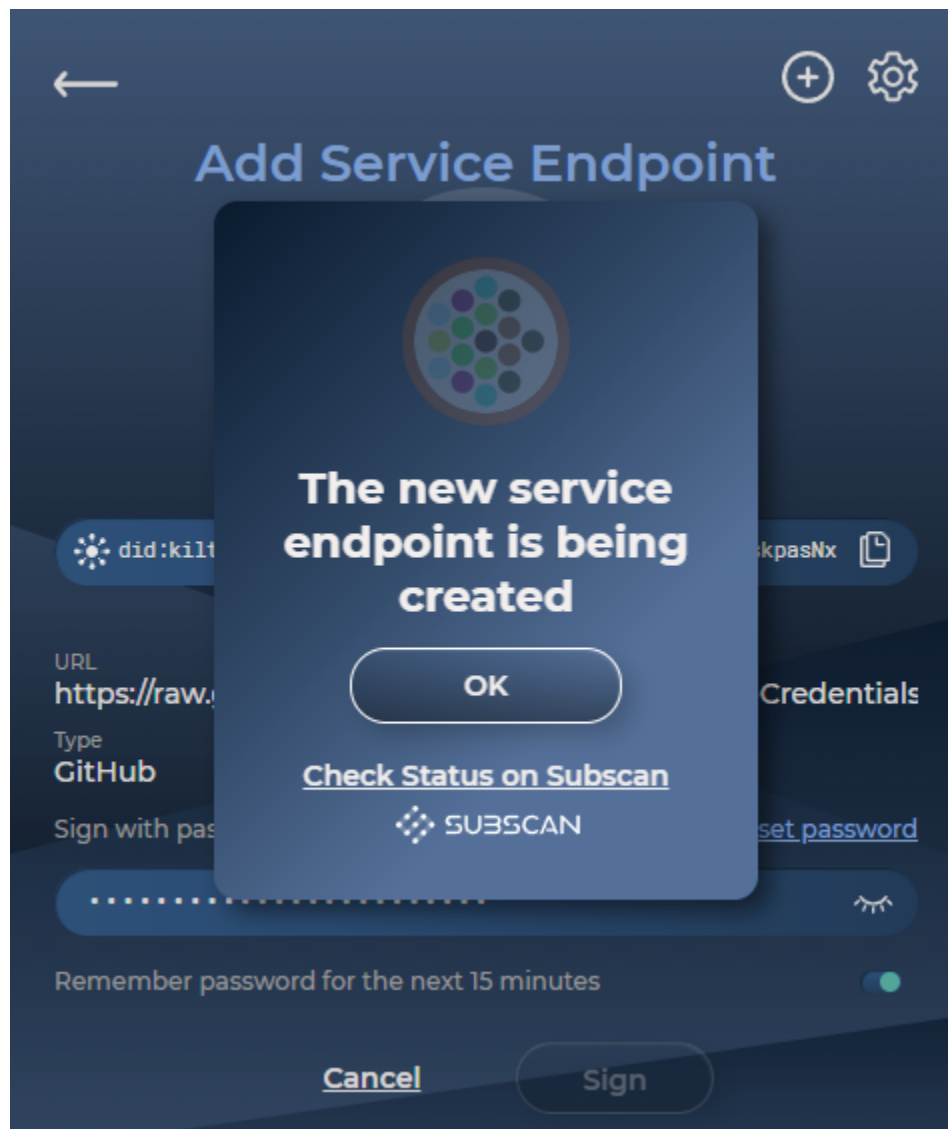
(Service ID Number is automatically allocated) (7)

Click “Next Step”

The screenshot shows a mobile application interface for managing service endpoints. At the top, there is a back arrow on the left and a plus sign and gear icon on the right. The main heading is "Service Endpoints" with the subtitle "Add and remove service endpoints". Below this is a circular logo for "My KILT Wallet" containing a grid of colored dots. A DID string is displayed in a blue bar: `did:kilt:4okTMWCPMVKVasfdaH1MSQFAWBpZfDep9T4rnXVLpskpasNx`. A section titled "+ Add service endpoint" is expanded, showing three input fields: "URL" with the value `https://raw.githubusercontent.com/MajellaK/KILT`, "Type" with the value "GitHub", and "Service ID" with the value "824267". Red numbers 5, 6, and 7 are placed to the right of each input field respectively. At the bottom, there is a "Next Step" button.

Sign with your password in Sporrán

A new service endpoint will then be created for this URL

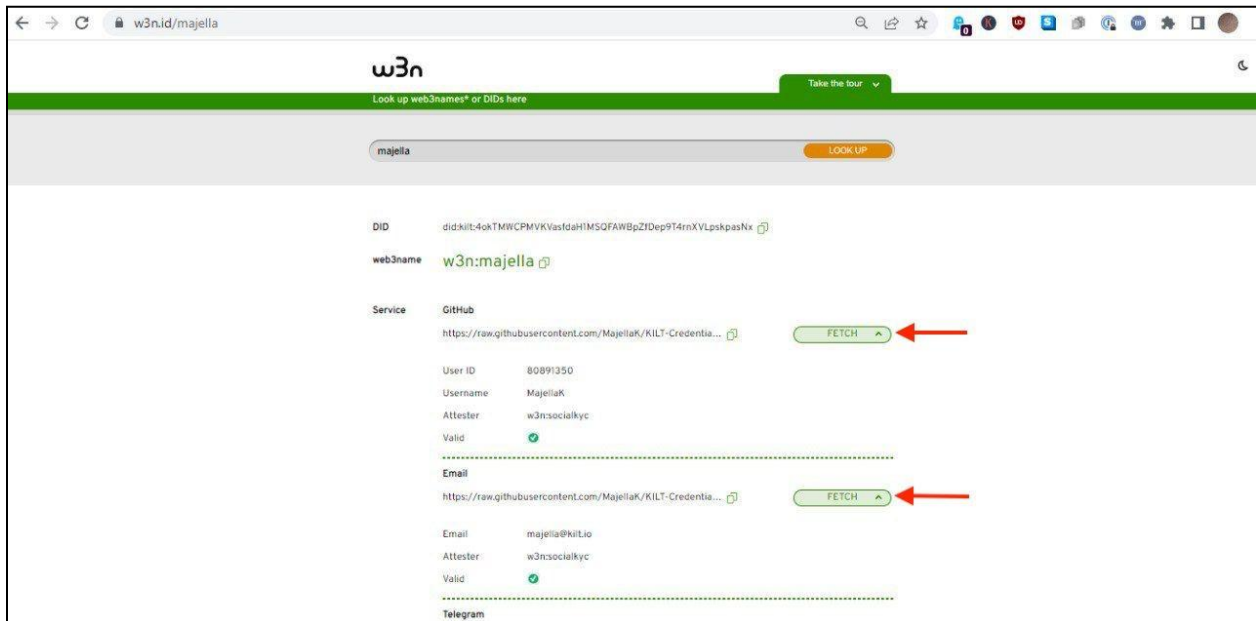


That's it!

You can create a new service endpoint in Sporrán for another credential by clicking "+ Add service endpoint" again and repeating the procedure.

Once your credentials are added to your DID, users may verify them by entering your DID or your web3name in the w3n.id website.

This will show any credentials attached. Users of the website may read the content of the public credentials by clicking “Fetch”.



IMPRINT

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Requirements according to § 5 TMG (Germany)

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