



SOLBOX- DECENTRALIZED FILE

Only the data's owner holds the private encryption key;
STORAGE
storage providers cannot access the data.

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TECH REQUIREMENTS:

- TRUFFLE
- IPFS
- SPHERON
- VANILLAJS
- BOOTSTRAP CSS
- REACTJS
- GANACHE
- NODEJS
- METAMASK
- IDE: VS CODE

OVERVIEW

Decentralized applications (dApps) are digital applications or programs that exist and run on a blockchain or peer-to-peer (P2P) network of computers instead of a single computer. DApps (also called "dapps") are outside the purview and control of a single authority.

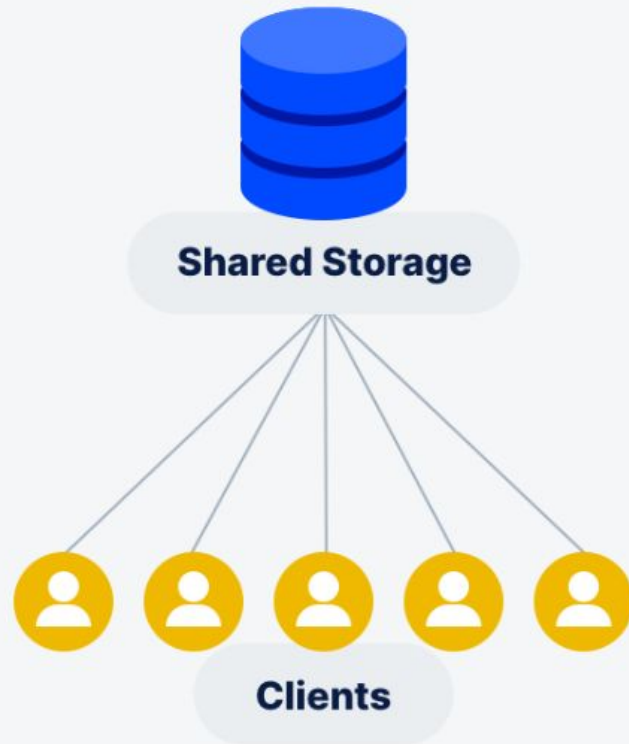
With decentralized storage, data is encrypted and stored across multiple locations, or nodes, that are run by individuals or organizations that share their extra disk space for a fee. Only the data's owner holds the private encryption key; storage providers cannot access the data.



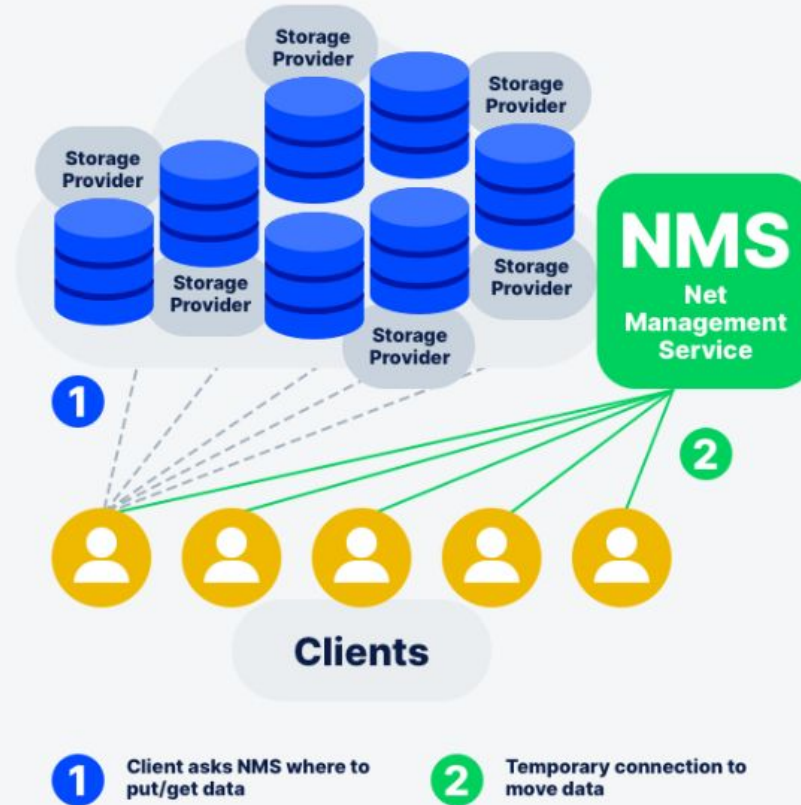
WORKING OF SOLBOX:

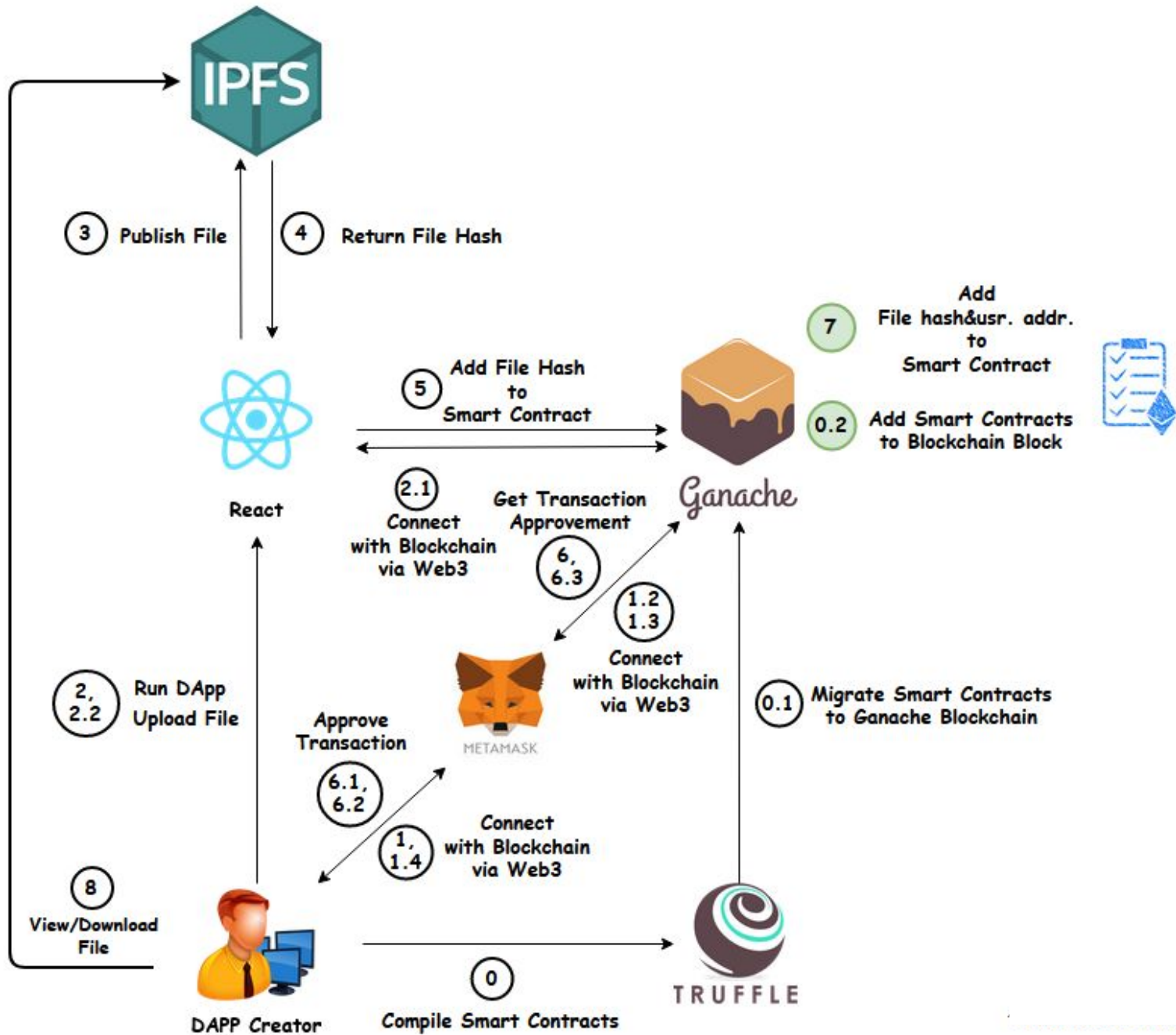
The screenshot shows a web browser window with the URL `localhost:3000`. The page features a dark-themed header with the Solbox logo on the left and a user ID `0x9854...28D4` on the right. A central modal titled "Share File" contains a text input field with the placeholder "description...", a file selection button labeled "Choose File" with the text "No file chosen" next to it, and a large blue "Upload!" button. Below the modal, a table header is visible with the following columns: `id`, `name`, `description`, `type`, `size`, `date`, `uploader/view`, and `hash/view/get`.

Traditional Shared Storage



Decentralized Storage





OUTLOOK:

Share File

 No file chosen

id	name	description	type	size	date	uploader/view	hash/view/get
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