

SPC - USER MANUAL

Team - 3men_in_a_shell

After downloading all files from github and running the installation scripts:

Using Web Client:

- Signup and upload some files from your computer after specifying encryption scheme(aes/des/blowfish[bf]).
- You can view an encrypted file only if it has been encrypted with the same scheme and password as specified most recently by you.
- First task to be one after logging in is to specify encryption scheme and corresponding key.
- You can share files with other user(s) but you will have to tell them encryption key and corresponding passphrase
- You can also change your details (your_username > manage account)
- You can overwrite files already present on the server.

Using Linux Client:

- If already signed up, use **spc login** command for login.
- Use **spc observe <path_to_directory/file>** for the directory/file to be uploaded
- Use **spc sync** to upload/download the directory/file.[It will upload files which are not present on the server and download files which are not there on the linux client]
- You are provided with an option to sync server files with those on computer or files on computer with server
- You can see available encryption schemes using **spc en-de list** command and choose a scheme using **spc en-de update** command
- To store the present encryption in a file(created if not exist and for safety, **must not exist**), use **spc en-de dump <path/to/dump_file>**
- To update the present encryption with that present in <dump_file> use **spc en-de update <path/to/dump_file>**

- If you haven't signed up, use **spc signup** command for signing up. You will be asked for a <username>, <email_id> and <password>
- Logout using **spc logout** command

Common Instructions:

- Passphrase for 'DES' encryption should consist of 8 ascii characters.
- You should upload only text, image or video files other unknown errors may occur.
- Passphrase for 'blowfish' encryption should consist of 4-64 ascii characters.