

Matrix Synapse Random

Optional Adminshell

If you forgot to write `sudo` and don't want to rewrite the whole command, just type `sudo !!` to execute the last command with `sudo` rights.

There is another way but you should **not** work like that all the time because its not secure. There is a reason you have to write `sudo` for a lot of commands. For an initial server setup you may have to type a lot of commands, to avoid typing `sudo *` all the time, it is possible to type in `sudo su`. This opens a admin-shell and you should be able to work without typing `sudo` in. Keep in mind, `exit` after step 8 and don't use `sudo su` when you just have to type in some commands.

Change listener port

Now check if the HTTP and HTTPS listener port '8008' and '8448' are bound to the local IP address `0.0.0.0` (and not to `127.0.0.1`).

```
sudo nano /etc/matrix-synapse/homeserver.yaml
```

```
port: 8448
bind_addresses:
  - '0.0.0.0'

- port: 8008
  bind_addresses: ['127.0.0.1']
```

Installing Bots

Matrix Synapse currently does not have a concept of bots, a bot is just a normal user. Usally there is a config and a `.py` file, download the files, unpack them and run the `.py` file. Running and downloading things via `pip` is not recommended.

Install python3

```
sudo apt install python3
```

then install pip

```
sudo apt install python3-pip
```

then matrix-bot-api from pyp

```
pip3 install matrix-bot-api
```

and finally fill out the config and start it

```
python3 pollbot.py
```

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