# Nextcloud Integration

For the nextcloud integration we use the ClamAV interface. This is also implemented by scanserver.

## Setup

Note: We assume that scanserver has been set up and has a valid licence.

1.) Ensure that scanserver has clamd enabled. Add/uncomment the following lines in the scanserver json config file:

```
{
...
        "srv_config": {
...
                "clam_port": 3310, // if you want clamd, here it is
                "clam_iface": "0.0.0.0", //clamd: interface to listen on
                "clam_socket_perm": "755", // chmod for the unix socket
...
        }
}
```

2.) Run scanserver: `./scanserver_l64 -run -jsoncfg scanconfig.json` (...assuming that scanconfig.json is your scanserver json config)

3.) Install/Setup nextcloud

For a fast test instance, we can use docker: `docker run -d --net=host nextcloud`

Make sure that the ports 80 and 3310 are not in use. Note: `--net=host' is for testing purposes only.

4.) Activate the antivirus app. Go to "Apps" > Search for "antivirus". You should now see an entry called "Antivirus for files". Click on "Download and Enabled".
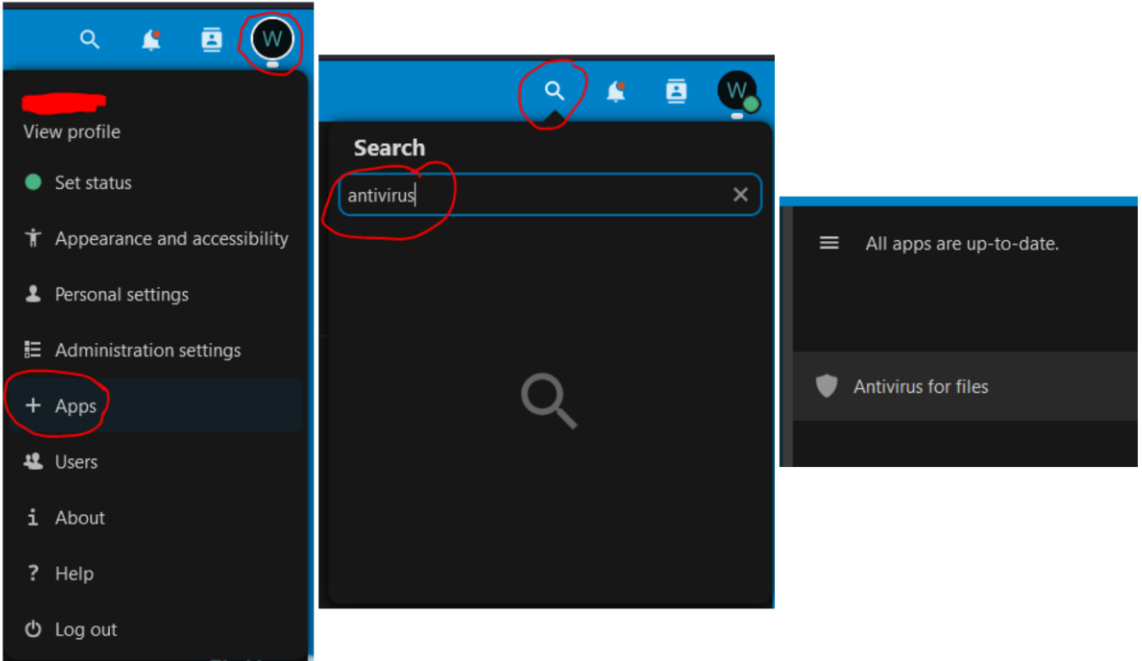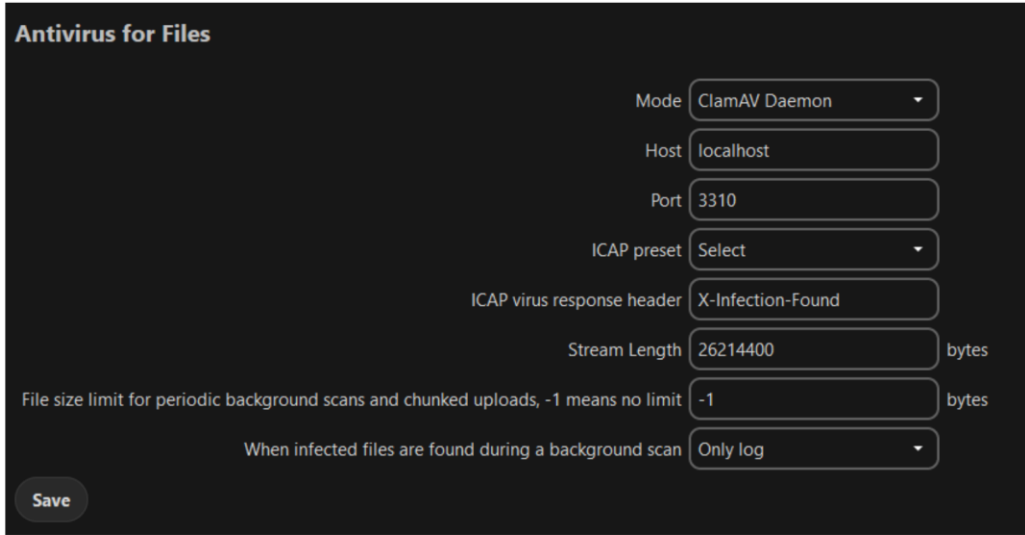
5.) Go to "Administration settings" > Menu "Administration" > "Security".

Scroll down to "Antivirus for Files".

Adjust following settings:

```
Mode > "ClamAV Daemon"
Host > "localhost"
Port > "3310"
```



Now press "Save".

5.) Testing: Try to upload a file with the EICAR test string.

Create a file with the following content:

`X5O!P%@AP[4\PZX54(P^)7CC)7}$EICAR-STANDARD-ANTIVIRUS-TEST-FILE!$H+H*`

Then try to upload the file to nextcloud. You should see the following message:

`Virus EICAR-Test-File is detected in the file. Upload cannot be completed.`