

## Prerequisites:

- Napp-it has been configured
- root has password assigned
- AMP installed & configured
- Owncloud installed & configured
- You have a cert already, or are going to generate your own.
- You are familiar with editing files via CLI or SCP

## Step 1: Certificate

You will need the .crt file and .key file. If you have a .cer file, you can simply change the file extension to .crt. For example server.cer will become server.crt. Other formats can be converted using openssl cli or utilities which we are not going to cover.

Place cert files in /opt/local/etc/httpd and overwrite any existing files.

## Step 2: Apache configuration

Edit httpd.conf, located at /opt/local/etc/httpd/httpd.conf

Locate line '#LoadModule socache\_shmcb\_module lib/httpd/mod\_socache\_shmcb.so' and remove '#'

Locate line '#LoadModule ssl\_module lib/httpd/mod\_ssl.so' and remove '#'

Exit and save changes

In napp-it gui, go to services>apache. Under disabled includes, locate 'Include hrrpd.ssl.config:disabled' and choose enabled from drop down and submit. This should return no errors at the bottom or top of this page. Apache server should report 'online'

## Step 3: Owncloud configuration

Edit config.php located at /opt/local/share/owncloud/config/config.php

Add your domain to the 'trusted domains'

```
array (  
    'home.domain.com',  
    'hostname',
```

Where home.domain.com is your external web address and hostname is the name of your server. Do note ' & , these must be present as per example or Owncloud will load a blank page.

## Step 4: Test

Provided other steps are completed successful you can now connect to Owncloud with https.