

# Install Meshchat

## Tests

- <http://localhost/meshchat/>
- <http://<ip from AREDN>/meshchat/>

## Problem 1

“Lock Error” Ref: <https://www.arednmesh.org/content/pi-meshchat-error-sending-message>

Looking in `/var/log/apache2/error.log`, I see many of:

```
touch : cannot touch '/tmp/meshchat/lock' : No such file or directory.  
could not get lock at /usr/lib/cgi-bin/meshchatlib.pm line 35
```

Issue is that apache doesn't allow use of `/tmp` folder. So created these:

```
sudo mkdir /var/www/html/meshchat/tmp/  
sudo mkdir /var/www/html/meshchat/tmp/meshchat/  
sudo chown www-data:www-data -R /var/www/html/meshchat/tmp/  
sudo chmod 770 -R /var/www/html/meshchat/tmp/
```

Edit config file to update location of `/tmp` folder:

```
sudo pico /usr/lib/cgi-bin/meshchatconfig.pm
```

And replace every instance of `/tmp/` by `/var/www/html/meshchat/tmp/`

Restart services:

```
sudo systemctl daemon-reload  
sudo /etc/init.d/apache2 restart  
sudo /etc/init.d/meshchatsync restart
```

## Problem 2

Not getting chats from other MIMeshChat instances