

[USAGE]

Check the program help by executing `ipcheck --help`

[COMPILING FROM SOURCE]

1. This program uses libcurl so make sure libcurl-dev is installed.

In debian (ubuntu, raspbian):

```
sudo apt-get install libcurl4-gnutls-dev
```

2. Compile the program using libcurl

```
gcc ipcheck.c -o ipcheck -lcurl
```

[SCHEDULING TO RUN EVERY 30 MINUTES]

1. Modify crontab

```
crontab -e
```

2. Add a line to schedule the program to run on specified interval

```
# For more information see the manual pages of crontab(5) and cron(8)
#
# m h dom mon dow   command
*/30 * * * * /home/pi/ipcheck/ipcheck -smtp_to arman.jay@gmail.com -smtp_server smtp://smtp
```

```
*/30 * * * * /home/pi/ipcheck/ipcheck -smtp_to arman.jay@gmail.com -smtp_server  
smtp://smtp.gmail.com:587 -smtp_user ipcheck.2010@gmail.com -smtp_pass  
secretpass
```

3. Quit the editor by pressing Ctrl + X, Press “Y”

4. enter
save

```
Save modified buffer (ANSWERING "No" WILL DESTROY CHANGES) ?
Y Yes
N No      ^C Cancel
```

Press
to

```
File Name to
^G Get Help      crontab: installing new crontab
^C Cancel        pi@raspberrypi /etc $ M-A Append
M-P Prepend
```

5. No need to restart, ipcheck should run every 30 minutes (00 minutes and 30 minutes of every hour)