HOW TO INSTALL PFLOGSUMM WITH POSTFIX ON CENTOS 7 SERVER

```
Pflogsumm is a log analyzer/summarizer for the Postfix MTA.  It is
designed to provide an over-view of Postfix activity, with just enough
detail to give the administrator a "heads up" for potential trouble
spots.

Pflogsumm generates summaries and, in some cases, detailed reports of
mail server traffic volumes, rejected and bounced email, and server
warnings, errors and panics.
```

1. Download pflogsumm-1.1.5.tar.gz from this url
   http://jimsun.linxnet.com/downloads/pflogsumm-1.1.5.tar.gz on your server with wget (wget
   http://jimsun.linxnet.com/downloads/pflogsumm-1.1.5.tar.gz)

2. if you don not have wget install, install with (yum install wget) , repeat step 1

3. decompress after download (tar –xvzf pflogsumm-1.1.3.tar.gz), you will have its
   decompress to a folder called (**pflogsumm-1.1.3**) on your working directory.

4. Determine where you want to store pflogsumm, in my case I store its here
   (/usr/local/bin/pflogsumm)

5. make a folder called **pflogsumm** in this dir (/usr/local/bin/) with (mkdir
   /usr/local/bin/pflogsumm) command

6. change ownership of the folder (chown bin:bin /usr/local/bin/pflogsumm)

7. change permissions of the folder (chmod 755 /usr/local/bin/pflogsumm)

8. copy (pflogsumm.pl) from decompressed folder (pflogsumm-1.1.3) from your working
   directory. (cp pflogsumm-1.1.3 /pflogsumm.pl /usr/local/bin/pflogsumm) and make its
   executable (chmod 755 /usr/local/bin/pflogsumm/pflogsumm.pl)

9. Pflogsumm.pl requires the **Date::Calc** module to work well (install **Date::Calc**) using
   makecache (**yum makecache**) then (**yum -y install perl-Date-Calc**)

```
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```

Crontab entry to generate a report of the previous day's activity
at 10 minutes after midnight.

```
    10 0 * * * /usr/local/sbin/pflogsumm -d yesterday /var/log/maillog
    2>&1 â",/usr/bin/mailx -s "'uname -n' daily mail stats" postmaster
```

Crontab entry to generate a report for the prior week's activity.
(This example assumes one rotates ones mail logs weekly, some time
before 4:10 a.m. on Sunday.)

```
    10 4 * * 0   /usr/local/sbin/pflogsumm /var/log/maillog.0
    2>&1 â",/usr/bin/mailx -s "'uname -n' weekly mail stats" postmaster
```


**The two crontab examples, above, must actually be a single line
each. They're broken-up into two-or-more lines due to page
formatting issues.**

Analyze Postfix Logs Using pflogsumm Tool

The pflogsumm tool will work for all types of Postfix logs. To get the statistics of the Postfix logs,
type the following command as root user in the terminal:

cat /var/log/maillog | pflogsumm | more

**A more practical example using cron to email you daily stats of
your Postfix server activities:**

0 0 * * * perl /usr/local/pflogsumm/pflogsumm.pl /var/log/maillog | mailx -s "`hostname` Postfix
Summary for `date +'%Y-%m-%d'`" you@yourdomain.com >/dev/null 2>&1

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OUTPUT OF 1ST RUN

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/usr/local/bin/pflogsumm/pflogsumm.pl -e today /var/log/maillog

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[root@server1 ~]# /usr/local/bin/pflogsumm/pflogsumm.pl -d today /var/log/maillog
Postfix log summaries for Feb 18

Grand Totals
----
messages

0   received
              0   delivered
              0   forwarded
              0   deferred
              0   bounced
              0   rejected (0%)
              0   reject warnings
              0   held
              0   discarded (0%)

              0   bytes received
              0   bytes delivered
              0   senders
              0   sending hosts/domains
              0   recipients
              0   recipient hosts/domains

Per-Hour Traffic Summary
----
   time   received delivered deferred   bounced   rejected

   0000-0100   0   0   0   0   0
   0100-0200   0   0   0   0   0
   0200-0300   0   0   0   0   0
   0300-0400   0   0   0   0   0
   0400-0500   0   0   0   0   0
   0500-0600   0   0   0   0   0
   0600-0700   0   0   0   0   0
   0700-0800   0   0   0   0   0
   0800-0900   0   0   0   0   0
   0900-1000   0   0   0   0   0
   1000-1100   0   0   0   0   0
   1100-1200   0   0   0   0   0
   1200-1300   0   0   0   0   0
   1300-1400   0   0   0   0   0
   1400-1500   0   0   0   0   0
   1500-1600   0   0   0   0   0
   1600-1700   0   0   0   0   0
   1700-1800   0   0   0   0   0
   1800-1900   0   0   0   0   0
   1900-2000   0   0   0   0   0
   2000-2100   0   0   0   0   0
   2100-2200   0   0   0   0   0
   2200-2300   0   0   0   0   0
   2300-2400   0   0   0   0   0

Host/Domain Summary: Message Delivery
----
 sent cnt bytes   defers   avg dly max dly host/domain
 -------- ------- ------- ------- ------- -----------

Host/Domain Summary: Messages Received
----
 msg cnt   bytes   host/domain
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Senders by message count: none

Recipients by message count: none

Senders by message size: none

Recipients by message size: none

message deferral detail: none

message bounce detail (by relay): none

message reject detail: none

message reject warning detail: none

message hold detail: none

message discard detail: none

smtp delivery failures: none

Warnings: none

Fatal Errors: none

Panics: none

Master daemon messages: none