

Activities Terminal 03:27 14

rana@rana-VirtualBox: ~

Firefox Web Browser

```
rana@rana-VirtualBox:~$ cat weather.sh
#!/usr/bin/env bash
date
curl --location --request GET 'https://api.openweathermap.org/data/2.5/weather?lat=44.34&lon=10.99&appid=2f702858c61706fde5753fd1b9b16e47'|awk 'BEGIN {FS=":"} ; {print $8}'|awk 'BEGIN {FS=","} ; {print $1}'
```

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rana@rana-VirtualBox: ~

GNU nano 6.2 /tmp/crontab.oM1CJZ/crontab

```

# Edit this file to introduce tasks to be run by cron.
#
# Each task to run has to be defined through a single line
# indicating with different fields when the task will be run
# and what command to run for the task
#
# To define the time you can provide concrete values for
# minute (m), hour (h), day of month (dom), month (mon),
# and day of week (dow) or use '*' in these fields (for 'any').
#
# Notice that tasks will be started based on the cron's system
# daemon's notion of time and timezones.
#
# Output of the crontab jobs (including errors) is sent through
# email to the user the crontab file belongs to (unless redirected).
#
# For example, you can run a backup of all your user accounts
# at 5 a.m every week with:
# 0 5 * * 1 tar -zcf /var/backups/home.tgz /home/
#
# For more information see the manual pages of crontab(5) and cron(8)
#
# m h dom mon dow   command
* * * * * /home/rana/weather.sh >/var/log/weather.log
```

[Read 24 lines]

^G Help	^O Write Out	^W Where Is	^K Cut	^T Execute
^X Exit	^R Read File	^_ Replace	^U Paste	^J Justify

```
Activities Terminal 03:32 14
rana@rana-VirtualBox: ~
rana@rana-VirtualBox:~$ tail -f /var/log/weather.log
14 2023 ,لذٚ EET 03:29:01 ص
"broken clouds"
tail: /var/log/weather.log: file truncated
14 2023 ,لذٚ EET 03:30:01 ص
"broken clouds"
^C
rana@rana-VirtualBox:~$ cat /etc/logrotate.d/weather
/var/log/weather.log {
size 30k
rotate 3
}

rana@rana-VirtualBox:~$ ls /var/log
alternatives.log      dmesg.0          private
alternatives.log.1    dmesg.1.gz       speech-dispatcher
apache2               dpkg.log         syslog
apt                  dpkg.log.1       syslog.1
auth.log             faillog          syslog.2.gz
auth.log.1          fontconfig.log   syslog.3.gz
auth.log.2.gz       gdm3             syslog.4.gz
auth.log.3.gz       gpu-manager.log  ubuntu-advantage.log
auth.log.4.gz       hp              ubuntu-advantage-timer.log
boot.log            installer        ubuntu-advantage-timer.log.1
boot.log.1          journal         unattended-upgrades
boot.log.2          kern.log         weather.log
bootstrap.log       kern.log.1       weather.log.1
btm                 kern.log.2.gz    weather.log.2
btm.1               kern.log.3.gz    wtmp
```

```
Activities Terminal 03:34 14
rana@rana-VirtualBox: ~
rana@rana-VirtualBox:~$ sudo logrotate -f /etc/logrotate.conf
rana@rana-VirtualBox:~$ ls /var/log
alternatives.log      dmesg.0          private
alternatives.log.1    dmesg.1.gz       speech-dispatcher
apache2               dpkg.log         syslog
apt                  dpkg.log.1       syslog.1
auth.log             faillog          syslog.2.gz
auth.log.1          fontconfig.log   syslog.3.gz
auth.log.2.gz       gdm3             syslog.4.gz
auth.log.3.gz       gpu-manager.log  ubuntu-advantage.log
auth.log.4.gz       hp              ubuntu-advantage-timer.log
boot.log            installer        ubuntu-advantage-timer.log.1
boot.log.1          journal         unattended-upgrades
boot.log.2          kern.log         weather.log
bootstrap.log       kern.log.1       weather.log.1
btm                 kern.log.2.gz    weather.log.2
btm.1               kern.log.3.gz    weather.log.3
cups                 kern.log.4.gz    wtmp
dist-upgrade         lastlog          wtmp.1
dmesg                openvpn
rana@rana-VirtualBox:~$
```