

Re: [opensuse] logrotate and crontab

Source: <http://linux.derkeiler.com/Mailing-Lists/SuSE/2007-03/msg03167.html>

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 - *Date:* Thu, 29 Mar 2007 17:10:50 +0200 (CEST)
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The Thursday 2007-03-29 at 11:08 -0300, Rejaine Monteiro wrote:

as far as i can see, the default crontab entries (in /etc/cron.daily, etc/cron.hourly etc.) are being scheduled via the /etc/crontab master file:

```
*/15 * * * * root test -x /usr/lib/cron/run-crons && /usr/lib/cron/run-crons >/dev/null
2>&1
59 * * * * root rm -f /var/spool/cron/lastrun/cron.hourly
14 4 * * * root rm -f /var/spool/cron/lastrun/cron.daily
29 4 * * 6 root rm -f /var/spool/cron/lastrun/cron.weekly
44 4 1 * * root rm -f /var/spool/cron/lastrun/cron.monthly
```

but at what time does for example /etc/cron.daily/* get run ?

No, there is no fixed time.

The logic has changed a bit from version to version, but in a system that is on 24/7 hours, it was supposed to always runs at the same time that the previous day, whichever that is. If when that hour passes the system is off, then it will run within 15 minutes of being powered up, and at the same time thereafter every day.

This is so except for a bug in... 9.3? where the time shifted 15 minutes every day.

it's important for me because i want to schedule sarg (squid statistics generator) at 2 pm and i want to be sure that i always run logrotate (to rotate squid logs) exactly might.

Then, if you need an exact hour, you need to move out your job from cron.daily, and schedule it directly in cron.

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Alternatively, there is a trick touching or removing the flag file (not sure which at the moment) file two minutes before the time you want it to run.

In 10.2 it appears to have changed a bit. The cron entries above actually delete the flag at a precise time (4:16 daily), so it would cause the daily run to run at that time, at least.

But this is not exactly so, there is a new variable in "/etc/sysconfig/cron":

```
# Type: time (eg: 14:00)
# Default: nothing
#
# At which time cron.daily should start. Default is 15 minutes after booting
# the system. Due to the fact that cron script runs only every 15 minutes,
# it will only run on xx:00, xx:15, xx:30, xx:45, not at the accurate time
# you set.
DAILY_TIME=""

# Type: integer (days)
# Default: 5
#
# Maximum days not running when using a fixed time set in DAILY_TIME.
# 0 to skip this. This is for users who will power off their system.
#
# There is a fixed max. of 14 days set, if you want to override this
# change MAX_NOT_RUN_FORCE in /usr/lib/cron/run-crons
MAX_NOT_RUN="5"
```

Mmmm.... they have changed this quite a bit. What I said first does not exactly apply to 10.2, only to previous versions. I'll have to study it over again.

Cheers,
Carlos E. R.

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