

LinHES - Bug # 143: Log files not rotating properly

Status:	Closed	Priority:	Normal
Author:	mihanson	Category:	
Created:	01/22/2009	Assignee:	
Updated:	01/29/2009	Due date:	
Description:	It seems that no old log files are being saved. <pre><code>[root@mythbox-mbe ~]# ls -la /etc/logrotate.d/ total 28 drwxr-xr-x 2 root root 4096 2009-01-22 08:09 . drwxr-xr-x 49 root root 4096 2009-01-19 20:40 .. -rw-r--r-- 1 root root 65 2008-09-04 16:50 crond -rw-r--r-- 1 root root 145 2009-01-10 00:15 lighttpd -rw-r--r-- 1 root root 63 2009-01-07 00:27 lirc -rw-r--r-- 1 root root 991 2009-01-22 08:15 mythtv -rw-r--r-- 1 root root 354 2008-09-04 19:05 syslog-ng [root@mythbox-mbe ~]# cat /etc/logrotate.d/syslog-ng /var/log/messages.log /var/log/auth.log /var/log/mail.log /var/log/kernel.log /var/log/errors.log /var/log/daemon.log /var/log/user.log /var/log/iptables.log /var/log/everything.log /var/log/syslog.log /var/log/acpid.log { missingok sharedscripts postrotate /bin/kill -HUP `cat /var/run/syslog-ng.pid 2>/dev/null` 2>/dev/null true endscript } [root@mythbox-mbe ~]# ls -la /var/log total 2048 drwxr-xr-x 6 root root 4096 2009-01-20 14:16 . drwxr-xr-x 14 root root 4096 2009-01-15 09:14 .. -rw-r--r-- 1 root root 42273 2009-01-20 14:16 Xorg.0.log -rw-r--r-- 1 root root 361 2009-01-19 12:48 Xorg.0.log.old -rw-r----- 1 root log 359847 2009-01-22 13:18 acpid.log -rw-r----- 1 root log 24998 2009-01-22 13:17 auth.log -rw----- 1 root root 0 2009-01-15 09:17 bttmp -rw-r----- 1 root log 13733 2009-01-22 10:47 daemon.log -rw-r--r-- 1 root root 38518 2009-01-19 15:48 dmesg.log -rw-r----- 1 root log 12396 2009-01-19 15:48 errors.log -rw-r----- 1 root log 557446 2009-01-22 10:47 everything.log -rw----- 1 root root 24024 2009-01-20 14:15 faillog -rw-r----- 1 root log 340273 2009-01-20 14:20 kernel.log -rw-r--r-- 1 root root 292584 2009-01-22 13:17 lastlog drwxr-xr-x 2 http http 4096 2009-01-19 14:33 lighttpd -rw-r--r-- 1 root root 10157 2009-01-22 10:59 lircd -rw-r----- 1 root log 494284 2009-01-22 10:47 messages.log -rw-r--r-- 1 mysql root 0 2009-01-19 12:50 mysqld.log drwxrwxr-- 2 root mythtv 4096 2009-01-20 05:00 mythtv -rw-r--r-- 1 root root 37062 2009-01-19 12:48 mythvantage_install.log -rw-r--r-- 1 root root 235 2009-01-19 15:48 network.init -rw-r--r-- 1 root root 145 2009-01-19 15:48 network.init.error -rw-r--r-- 1 root root 833 2009-01-22 09:20 ntp.log</pre>		

```
drwxr-xr-x 2 root root 4096 2009-01-15 09:17 old
-rw-r--r-- 1 root root 4437 2009-01-20 14:09 pacman.log
-rw-r----- 1 root log 957 2009-01-19 15:48 syslog.log
-rw-r----- 1 root log 88 2009-01-19 15:43 user.log
-rw-r--r-- 1 root root 0 2009-01-15 09:17 utmp
drwx----- 2 root bin 4096 2009-01-19 14:28 webmin
-rw-r--r-- 1 root root 35328 2009-01-22 13:17 wtmp
```

```
[root@mythbox-mbe ~]# cat /etc/logrotate.d/mythtv
# Rotate the logs once a week, or more frequently if they
# exceed 10Mb in size (size is checked daily).
daily
```

```
# 'copytruncate' is used for logs generated by
# currently-running programs that should not be restarted
# (and can't be signalled to start a new log) after the
# rotation. It duplicates the existing log file and then
# sets the length of the existing file to 0. The only time
# this would break would be if the program writing the log
# was using lseek.
copytruncate
```

```
# After rotating the files, leave the most recent rotated
# copy alone but gzip everything else to save space.
compress
delaycompress
```

```
# If a log isn't present then don't worry about it.
missingok
```

```
# Don't rotate an empty file.
notifempty
```

```
# end of the global options
```

```
/var/log/mythtv/mythbackend.log /var/log/mythtv/mythfrontend.log /var/log/mythtv/rsync_myth.log {
    rotate 14
    notifempty
}
```

```
# Different options for mythfilldatabase:
/var/log/mythtv/mythfilldatabase.log {
    rotate 2
    notifempty
}
```

History

01/28/2009 09:52 pm - tjc

Everything looks kosher, the cron job exists, and running the same command with -d (debug) shows sane results. On the other hand it's only set to rotate the logs once a week which might be fooling you. Try the following;

- As root run "/usr/sbin/logrotate -d /etc/logrotate.conf". You should see a lot of messages along the lines of "log does not need rotating".

- Then try adding the "-f" (force) option. This should show all the existing logs being renamed (doesn't really happen in debug BTW)
- Change the setting in `/etc/logrotate.conf` from "weekly" to "daily", restart the system, and report back in 24 hours.