

Where does logrotate save its own log?

Asked 11 years, 6 months ago Modified 3 years, 9 months ago Viewed 81k times



I have logrotate running in an EC2 AWS machine rotating Apache logs. Once packed, Apache logs are saved into AWS S3 via s3fs. The problem is that I recently noticed that I didn't have logs rotated. In S3 I have old logs from day 48->60 but the 1->47 doesn't appear.



My question is: Where does logrotate save its own log? It's possible that I have some kind of problem with s3fs, but I need to know before I do anything. I tried to find somewhere the logs but I couldn't find it out.



Any idea?



logrotate

Share Improve this question Follow





6 Answers

Sorted by: Highest score (default)



logrotate does not log anything by default. normally it should be in your cron somewhere, for instance:



\$ grep -r -- 'logrotate.conf' /etc/cron*
/etc/cron.daily/logrotate:/usr/sbin/logrotate /etc/logrotate.conf



You can either run that manually to see what is wrong, or redirect the logrotate output to a file in the above cron to see what happened next day.



Likely somewhere the config is incorrect and caused the logrotate run to break.





3 +1 on running logrotate manually to see what's wrong – cic Apr 19, 2012 at 12:20

thanks for the answer, but what I really want to know what has happened in my system to get this kind result. Thank's! – enedebe Apr 19, 2012 at 21:26

does manually run logrotate give any errors? if there are errors, you need to fix them in the conf file or /etc/logrotate.d/apache (or apache2). – johnshen64 Apr 19, 2012 at 21:50

- 7 You can use the -d debug flag and the -f force flag to see exactly what logrotate is attempting to do. -d disables action but the printed messages will still claim they're changing things. David Lord Jul 23, 2015 at 3:44
- When running /usr/sbin/logrotate /etc/logrotate.conf , I'd add -v to see the detailed log. Dennis Golomazov Nov 18, 2019 at 13:25



The only thing that logrotate records normally is in cat /var/lib/logrotate/status.

This is taken from https://serverfault.com/a/518134/266525



Share Improve this answer Follow



answered May 2, 2016 at 17:17





- 1 It turns out there are differences in the actual path depending on the distribution and version used. Check the linked serverfault answer and it's comments for details.

 Attila Csipak Oct 1, 2020 at 12:46
- 4 /var/lib/logrotate/logrotate.status on my CentOS 7 system. rinogo Oct 2, 2020 at 18:25

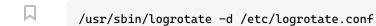


Another good place to look is /var/log/messages on CentOS for errors such as this from the cron.daily /etc/cron.daily/logrotate

9 logrotate: ALERT exited abnormally with [1]



You can also run in debug mode manually and check for errors:



Source: https://access.redhat.com/solutions/32831

Share Improve this answer Follow

answered Feb 23, 2016 at 15:52





If you're running logrotate from cron and not redirecting the output, the output, if there is any, will go to email for whichever ID is running the cron job. I redirect my output to a log file.



For example:



25 3 * * 7 /usr/sbin/logrotate -s /home/user/conf/mwarelogrotate.state /home/user/conf/mwarelogrotate.conf >> /home/user/logs/logrotate.log 2>&1



Share Improve this answer Follow



answered Oct 8, 2013 at 18:15





When logrotate doesn't rotate logs or enters failed state, it's a good idea to run logorate manually in debug mode to see what errors it lists, like this:

2

/usr/sbin/logrotate -d /etc/logrotate.d/*



This command tests rotating the logs for all the services that have files located in /etc/logrotate.d. If it lists errors (such as errors caused by duplicate log entries), you'll know why logrotate has problems.



Share Improve this answer Follow

answered Dec 9, 2019 at 9:58





Check /etc/logrotate.conf for global config settings that may be affecting tasks configured through /etc/logrotate.d/