ls /etc/logrotate.d/

Creating a definition for new logs to be rotated

sudo vi mylogs
# how many days to keep
rotate 4
# logfiles rotated every day
daily
# don't worry if logfile isn't found
missingok
# rotate even if empty
ifempty
# don't compress the first backup
delaycompress
# compress with gzip
compress
```
we can do a manual logrotate

2019-01-07.ns1.log

Reading state from file: /var/lib/logrotate/status
Allocating hash table for state file, size 64 entries
```
Creating new state
Creating new state

Handling 1 logs

rotating pattern: /var/log/ns1/*.log
  forced from command line (4 rotations)
empty log files are rotated, old logs are removed
considering log /var/log/ns1/2019-01-07.ns1.log
Creating new state
  Now: 2019-01-07 10:33
  Last rotated at 2019-01-07 10:00
  log needs rotating
rotating log /var/log/ns1/2019-01-07.ns1.log, log->rotateCount is 4
dateext suffix '-20190107'
glob pattern '-[0-9][0-9][0-9][0-9][0-9][0-9][0-9][0-9]'
previous log /var/log/ns1/2019-01-07.ns1.log does not exist
renaming /var/log/ns1/2019-01-07.ns1.log.1 does not exist -- won't try to dispose of it
joe@logger:~$
```
joe@logger:~$ ls /var/log/ns1/
2019-01-07.ns1.log
joe@logger:~$ man logrotate
joe@logger:~$ echo "Check out the man page"
Check out the man page
joe@logger:~$ echo "It didn't actually make any changes since we ran in debug mode"
It didn't actually make any changes since we ran in debug mode
joe@logger:~$
```
```
joe@logger:~$ echo "try for realz"
try for realz
joe@logger:~$ sudo logrotate -f mylogs
joe@logger:~$ ls -l /var/log/ns1/
total 4
-rw-r--r-- 1 root root 584 Jan 7 10:19 2019-01-07.ns1.log.1
joe@logger:~$ echo "yes. it changed"
yes. it changed
joe@logger:~$ echo "try again?"
try again?
joe@logger:~$ sudo logrotate -f mylogs
joe@logger:~$ ls -l /var/log/ns1/
total 4
-rw-r--r-- 1 root root 584 Jan 7 10:19 2019-01-07.ns1.log.1
joe@logger:~$ echo "there was nothing to do"
there was nothing to do
joe@logger:~$ ls -l /var/log/ns1/
total 8
-rw-r--r-- 1 root root 83 Jan 7 10:35 2019-01-07.ns1.log
-rw-r--r-- 1 root root 584 Jan 7 10:19 2019-01-07.ns1.log.1
joe@logger:~$ sudo logrotate -f mylogs
joe@logger:~$ ls -l /var/log/ns1/
total 8
-rw-r--r-- 1 root root 83 Jan 7 10:35 2019-01-07.ns1.log.1
-rw-r--r-- 1 root root 287 Jan 7 10:19 2019-01-07.ns1.log.2.gz
joe@logger:~$ echo "I went and put something back in that log file(from the client)"
I went and put something back in that log file(from the client)
joe@logger:~$ echo "Appears to be working"
Appears to be working
joe@logger:~$
```