

## How to disable dhclient log and rsyscd.log in /var/log/messages on LINUX

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On Amazon EC2 instances, DHCP client logs are filled with /var/log/messages because EC2 uses DHCP service for getting their IP addresses and by default DHCP client activities are logged in /var/log/messages. I can't track other system activities than DHCP client log, then I disabled the dhcp client logs.

### How to disable DHCP Client log

I tested this solution but the result is that no more system activities are logged in /var/log/messages. So don't use this solution.

- 1, Edit /etc/rsyslog.conf
- 2, add ';dhclient.none' in the following line and save it.

Before

```
*.info;mail.none;authpriv.none;cron.none /var/log/messages
```

After

```
*.info;mail.none;authpriv.none;cron.none;dhclient.none /var/log/messages
```

- 3, restart rsyslog
- ```
# service rsyslog restart
```

Notes: I asked the AWS tech support about this, then they also don't know the solution. Their workaround is to grep /var/log/messages to remove dhclient lines and redirect another text file.  

```
#grep -v dhclient /var/log/messages > /var/log/messages-nodhclient.log
```

The syslog facility of dhclient is hard coded in the source to "LOG\_DAEMON". You can change the setting with "LOG\_DAEMON"

not to log in /var/log/messages but you'll miss any other "LOG\_DAEMON" activities in /var/log/messages.

So it's hard to remove only dhclient logs in the /var/log/messages.

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### How to move rsysnc logs to xinetd.log

1, Edit /etc/xinetd.conf like following and save it.

Before

```
log_type      = SYSLOG daemon info
```

After

```
# log_type      = SYSLOG daemon info
log_type      = FILE /var/log/xinetd.log
```

2, Reload xinetd service

```
#service xinetd reload
```

3, Add log rotation for xinetd.log

Create log rotate setting for xinetd.log like following

```
# vi /etc/logrotate.d/xinetd
```

```
#=====
```

```
/var/log/xinetd.log {
rotate 10
daily
compress
delaycompress
missingok
postrotate
/bin/kill -HUP `cat /var/run/xinetd.pid 2> /dev/null` 2> /dev/null || true
endscript
}
```

```
#=====
```

4, force log rotate by the following command

```
#logrotate -f /etc/logrotate.conf
```