

Rsyslog

1. To check the version

#rsyslogd -v

```
root@Chetan:~  
[root@Chetan ~]# rsyslogd -v  
rsyslogd 8.2310.0-4.el9 (aka 2023.10) compiled with:  
PLATFORM: x86_64-redhat-linux-gnu  
PLATFORM (lsb_release -d):  
FEATURE_REGEX: Yes  
GSSAPI Kerberos 5 support: Yes  
FEATURE_DEBUG (debug build, slow code): No  
32bit Atomic operations supported: Yes  
64bit Atomic operations supported: Yes  
memory allocator: system default  
Runtime Instrumentation (slow code): No  
uuid support: Yes  
systemd support: Yes  
Config file: /etc/rsyslog.conf  
PID file: /var/run/rsyslogd.pid  
Number of Bits in RainerScript integers: 64  
  
See https://www.rsyslog.com for more information.
```

2. Enter this command to edit the configuration

#nano /etc/rsyslog.conf

And make the changes

```
package rsyslog is not installed  
[root@Chetan ~]# nano /etc/rsyslog.conf  
  
# Provides TCP syslog reception  
# for parameters see http://www.rsyslog.com/doc/imtcp.html  
module(load="imtcp") # needs to be done just once  
input(type="imtcp" port="514")  
  
#### RULES ####  
  
# Log all kernel messages to the console.
```

```

$template COSA_LAB, "/var/log/%HOSTNAME%/%PROGRAMNAME%.log"
*. * ?COSA_LAB

# ### sample forwarding rule ###
#action(type="omfwd"

```

3. Restart the log service and check the status of the service

```
#systemctl restart rsyslog.service
```

```
#systemctl status rsyslog.service
```

```

[root@Chetan ~]# systemctl restart rsyslog.service
[root@Chetan ~]# systemctl status rsyslog.service
● rsyslog.service - System Logging Service
   Loaded: loaded (/usr/lib/systemd/system/rsyslog.service; enabled; preset:
   Active: active (running) since Thu 2024-10-03 22:18:15 IST; 8s ago
     Docs: man:rsyslogd(8)
           https://www.rsyslog.com/doc/
  Main PID: 2817 (rsyslogd)
    Tasks: 8 (limit: 23032)
   Memory: 1.5M
      CPU: 64ms
   CGroup: /system.slice/rsyslog.service
           └─2817 /usr/sbin/rsyslogd -n

Oct 03 22:18:15 Chetan systemd[1]: Starting System Logging Service...
Oct 03 22:18:15 Chetan systemd[1]: Started System Logging Service.
Oct 03 22:18:15 Chetan rsyslogd[2817]: error during parsing file /etc/rsyslog.c
Oct 03 22:18:15 Chetan rsyslogd[2817]: error: extra characters in config line i

```