

# Rsyslog

## Tutorials

- [Remote Syslogging with rsyslog on Red Hat Enterprise Linux - Red Hat Customer Portal](#)
- [Chapter 23. Viewing and Managing Log Files Red Hat Enterprise Linux 7 | Red Hat Customer Portal](#)
- [The Definitive Guide to Centralized Logging with Syslog on Linux \(devconnected.com\)](#)
- [????? - ?????????????? \(vbird.org\)](#)

????

```
# Validate the rsyslog configuration
rsyslogd -N 2 -f /etc/rsyslog.conf

# Restart the rsyslog
systemctl restart rsyslog
```

?????????

???: ??????

?????? rsyslog ??????????????????????

```
/etc/rsyslog.d/myapp.conf
```

```
# Save db2audit log to db2audit
# Test command:
# logger -t db2audit -p user.info "Hello, This is Test Message"
if $programname == 'db2audit' then action(type="omfile" file="/var/log/db2audit")
& stop
```



TIP: ?????????? user.\* ??????????????????????

???: ?????

???????????????????? rsyslog ??????????????????????

/etc/rsyslog.d/myapp.conf

```
$ModLoad imfile

$InputFileName /app/your-file.log
$InputFileTag your-tag
$InputFileStateFile your-tag
$InputFileSeverity info
$InputFileFacility local7
$InputRunFileMonitor
$InputFilePersistStateInterval 1000
local7.* @@remote-rsyslog-server:port
```

## Central Log Server

### Server Configuration

/etc/rsyslog.d/10-from-remote.conf

```
# Avoid the duplicate messages from local syslog
$template RemoteLogs, "/var/log/%HOSTNAME%/%PROGRAMNAME%.log"
if ($fromhost != "local-server-hostname" ) then ?RemoteLogs
& stop
```

/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")
```

### Client Configuration

/etc/rsyslog.d/10-to-remote.conf

```
# remote host is: name/ip:port, e.g. 192.168.0.1:514, port optional
# Use @@ for TCP protocol, @ for UDP protocol
*. * @10.4.1.77:514;RSYSLOG_SyslogProtocol23Format
```

## Restrict access to the log server (on Server)

/etc/rsyslog.d/9-acl.conf

```
# Restrict access to the log server that is sent from
# $AllowedSender <type>, ip[/bits], ip[/bits]
$AllowedSender TCP, 127.0.0.1, 10.15.9.31
```

## FAQ

????????????????

???????????????????? rsyslog ????????

AIX: ?? AIX ??? syslog ????????? IP

???AIX syslog ?????? Log Server ?????????? "Message forwarded by \$hostname"  
????????????????? syslogd ?????? -n ?

```
startsrc -s syslogd -a "-n"
```

---

Revision #20  
Created 14 December 2023 11:07:58 by Admin  
Updated 3 January 2024 15:21:55 by Admin