



**N-Partner**

**N-REPORTER**

**Setup FreeRADIUS Server  
syslog**

**V 1.1.1**



## Preface

This document describes how to set up sending syslog of FreeRADIUS Server on Linux/FreeBSD ◦

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# 1. FreeRADIUS audit Setup

## 1. Edit configure file radiusd.conf

```
cd /etc/freeradius
vi radiusd.conf
```

Modify the following settings in radiusd.conf :

```
#logdir replace "/var/log/freeradius" by "syslog".
logdir=syslog
#destination replace "files" by "syslog".
destination = syslog
#default is daemon
syslog_facility = daemon
stripped_names = no
#Log authentication requests to the log file.
auth = yes
#Do not audit password if it's rejected.
auth_badpass = no
#Do not audit password if it's correct.
auth_goodpass = no
```

Setup example :

```
54 prefix = /usr
55 exec_prefix = /usr
56 sysconfdir = /etc
57 localstatedir = /var
58 sbindir = ${exec_prefix}/sbin
59 logdir = syslog
60 raddbdir = /etc/freeradius
61 radacctdir = ${logdir}/radacct
```

```
397 log {
398     #
399     # Destination for log messages. This can be one of:
400     #
401     #     files - log to "file", as defined below.
402     #     syslog - to syslog (see also the "syslog_facility", below.
403     #     stdout - standard output
404     #     stderr - standard error.
405     #
406     # The command-line option "-X" over-rides this option, and forces
407     # logging to go to stdout.
408     #
409     destination = syslog
```

```
464     syslog_facility = daemon
465
466     # Log the full User-Name attribute, as it was found in the request.
467     #
468     # allowed values: {no, yes}
469     #
470     stripped_names = no
471
472     # Log authentication requests to the log file.
473     #
474     # allowed values: {no, yes}
475     #
476     auth = yes
477
478     # Log passwords with the authentication requests.
479     # auth_badpass - logs password if it's rejected
480     # auth_goodpass - logs password if it's correct
481     #
482     # allowed values: {no, yes}
483     #
484     auth_badpass = no
485     auth_goodpass = no
```

## 2. FreeRADIUS restart :

Debian Linux or Ubuntu Linux

```
/etc/init.d/freeradius restart
```

Red Hat Enterprise Linux

```
service radiusd restart
```

FreeBSD operating system

```
/etc/rc.d/radiusd restart
```

## 2. Rsyslog Setup

1. Edit configure file rsyslog.conf ◦

```
vi /etc/rsyslog.conf
```

2. rsyslog.conf setup :

```
#Enable UDP module
$ModLoad imudp
$UDPServerRun 514
#FreeRADIUS log
daemon.* @192.168.2.58
```

<Format> \$facility.\* @\$N-Reporter\_IP

At first chapter, the setting about FreeRADIUS syslog\_facility is daemon, so here the last line \$facility must be daemon too. Facility daemon means the facility code 3. The \$N-Reporter\_IP should be the IP of N-Reporter machine. Here is 192.168.2.58 for example.

Setup example :

```
15 # provides UDP syslog reception
16 $ModLoad imudp
17 $UDPServerRun 514
```

```
118 daemon.*;mail.*;\
119     news.err;\
120     *.=debug;*.=info;\
121     *.=notice;*.=warn    |/dev/xconsole
122 #FreeRadius log
123 daemon.* @192.168.2.58
```

3. Rsyslog restart :

Debian Linux or Ubuntu Linux

```
/etc/init.d/rsyslog restart
```

Red Hat Enterprise Linux

```
service rsyslog restart
```

FreeBSD operating system

```
/etc/rc.d/syslogd restart
```

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