

Troubleshooting

- Disk Full

Disk Full

Discover PFSense disk is full, discovered snort log files not clearing up, manually run script to clear logs

Enter an option: 8

```
[23.05-RELEASE][admin@pfsense.htf.com.mx]/root: du -Pshx /*
```

```
4.5K  /COPYRIGHT
892K  /bin
365M  /boot
2.4M  /cf
512B  /conf
9.5K  /conf.default
4.0K  /dev
4.5K  /entropy
4.1M  /etc
512B  /home
10M   /lib
113K  /libexec
512B  /media
512B  /mnt
512B  /net
1.0K  /pfSense
512B  /proc
17M   /rescue
131M  /root
3.0M  /sbin
178K  /tmp
995M  /usr
15M   /var
```

```
[23.05-RELEASE][admin@pfsense.htf.com.mx]/root: cd /var
```

```
[23.05-RELEASE][admin@pfsense.htf.com.mx]/var: ls
```

```
account  audit  backups  crash  db      empty  games  lib    mail  preserve  rwho  tmp
yp
at  authpf  cache  cron  dhcpd  etc  heimdal  log  msgs  run  spool  unbound
```

```
[23.05-RELEASE][admin@pfsense.htf.com.mx]/var: du -Pshx /var/log*
```

```
47G  /var/log
```

```
[23.05-RELEASE][admin@pfsense.htf.com.mx]/var: du -Pshx /var/*
```

```
512B  /var/account
```

1.5K /var/at
1.5K /var/audit
512B /var/authpf
8.2M /var/backups
66K /var/cache
1.0K /var/crash
1.0K /var/cron
15M /var/db
3.0M /var/dhcpd
512B /var/empty
102K /var/etc
512B /var/games
512B /var/heimdal
1.0K /var/lib
47G /var/log
12K /var/mail
512B /var/messages
512B /var/preserve
135K /var/run
512B /var/rwho
12K /var/spool
13K /var/tmp
3.4M /var/unbound
512B /var/yp

[23.05-RELEASE][admin@pfsense.htf.com.mx]/var: du -Pshx /var/log*

47G /var/log

[23.05-RELEASE][admin@pfsense.htf.com.mx]/var: cd /var/log

[23.05-RELEASE][admin@pfsense.htf.com.mx]/var/log: ls

auth.log filter.log lighttpd openvpn.log ppp.log system.log wireless.log
bsdinstall_log gateways.log mount.today pf.today resolver.log userlog
dhcpd.log haproxy.log nginx pf.yesterday routing.log utx.lastlogin
dmesg.boot ipsec.log nginx.log pfblockerng routing.log.0 utx.log
dmesg.today l2tps.log ntp poes.log setuid.today vpn.log
dmesg.yesterday lastlog ntpd.log portalauth.log snort watchdogd.log

[23.05-RELEASE][admin@pfsense.htf.com.mx]/var/log: ls -la

total 300

drwxr-xr-x 7 root wheel 39 Oct 10 20:18 .
drwxr-xr-x 27 root wheel 27 May 22 09:57 ..
-rw----- 1 root wheel 484415 Oct 10 20:15 auth.log
-rw-r--r-- 1 root wheel 56964 Jan 9 2023 bsdinstall_log
-rw----- 1 root wheel 0 Oct 10 20:18 dhcpd.log
-rw-r--r-- 1 root wheel 12145 Oct 10 17:28 dmesg.boot
-rw----- 1 root wheel 22577 Jun 14 02:01 dmesg.today
-rw----- 1 root wheel 18863 Jun 13 02:01 dmesg.yesterday
-rw----- 1 root wheel 0 Oct 10 20:18 filter.log
-rw----- 1 root wheel 0 Oct 10 20:18 gateways.log

```

-rw----- 1 root  wheel      0 Mar 28 2023 haproxy.log
-rw----- 1 root  wheel      0 Oct 10 20:18 ipsec.log
-rw----- 1 root  wheel      0 Oct 10 20:18 l2tps.log
-rw-r--r-- 1 root  wheel      0 Mar 19 2023 lastlog
drwx----- 2 www   www       2 Feb 17 2023 lighttpd
-rw----- 1 root  wheel    971 Mar 20 2023 mount.today
drwxr-xr-x 2 root  wheel      3 Jan 9 2023 nginx
-rw----- 1 root  wheel      0 Oct 10 20:18 nginx.log
drwxr-xr-x 2 root  wheel      2 Jan 9 2023 ntp
-rw----- 1 root  wheel      0 Oct 10 20:18 ntpd.log
-rw----- 1 root  wheel      0 Oct 10 20:18 openvpn.log
-rw----- 1 root  wheel    628 Jun 14 02:01 pf.today
-rw----- 1 root  wheel    461 Jun 13 02:01 pf.yesterday
drwxr-xr-x 2 unbound unbound 13 Oct 10 19:09 pfblockerng
-rw----- 1 root  wheel      0 Oct 10 20:18 poes.log
-rw----- 1 root  wheel      0 Oct 10 20:18 portalauth.log
-rw----- 1 root  wheel      0 Oct 10 20:18 ppp.log
-rw----- 1 root  wheel      0 Oct 10 20:18 resolver.log
-rw----- 1 root  wheel   70759 Oct 10 20:11 routing.log
-rw----- 1 root  wheel  511905 Sep 27 18:26 routing.log.0
-rw----- 1 root  wheel    2340 Mar 20 2023 setuid.today
drwxr-xr-x 4 root  wheel      6 Jul 17 00:45 snort
-rw----- 1 root  wheel      0 Oct 10 20:18 system.log
-rw----- 1 root  wheel   25523 Oct 10 17:28 userlog
-rw-r--r-- 1 root  wheel    394 Oct 10 20:15 utx.lastlogin
-rw----- 1 root  wheel   4022 Oct 10 20:15 utx.log
-rw----- 1 root  wheel      0 Oct 10 20:18 vpn.log
-rw----- 1 root  wheel      0 Oct 10 17:28 watchdogd.log
-rw----- 1 root  wheel      0 Oct 10 20:18 wireless.log

```

[23.05-RELEASE][admin@pfsense.htf.com.mx]/var/log: du -hi

du: invalid option -- i

usage: du [-Aclnx] [-H | -L | -P] [-g | -h | -k | -m] [-a | -s | -d depth] [-B blocksize] [-l mask] [-t threshold] [file ...]

[23.05-RELEASE][admin@pfsense.htf.com.mx]/var/log: du -h *

```

113K  auth.log
 13K  bsdinstall_log
512B  dhcpd.log
8.5K  dmesg.boot
8.5K  dmesg.today
8.5K  dmesg.yesterday
512B  filter.log
512B  gateways.log
512B  haproxy.log
512B  ipsec.log
512B  l2tps.log
512B  lastlog

```

512B lighttpd
4.5K mount.today
1.0K nginx
512B nginx.log
512B ntp
512B ntpd.log
512B openvpn.log
4.5K pf.today
4.5K pf.yesterday
2.0M pfblockerng
512B poes.log
512B portalauth.log
512B ppp.log
512B resolver.log
8.5K routing.log
69K routing.log.0
4.5K setuid.today
47G snort/snort_igc317124
43M snort/snort_igc138051
47G snort
512B system.log
4.5K userlog
512B utx.lastlogin
4.5K utx.log
512B vpn.log
512B watchdogd.log
512B wireless.log

```
[23.05-RELEASE][admin@pfsense.htf.com.mx]/var/log: ls  
auth.log  filter.log  lighttpd  openvpn.log  ppp.log  system.log  wireless.log  
bsdinstall_log  gateways.log  mount.today  pf.today  resolver.log  userlog  
dhcpd.log  haproxy.log  nginx  pf.yesterday  routing.log  utx.lastlogin  
dmesg.boot  ipsec.log  nginx.log  pfblockerng  routing.log.0  utx.log  
dmesg.today  l2tps.log  ntp  poes.log  setuid.today  vpn.log  
dmesg.yesterday  lastlog  ntpd.log  portalauth.log  snort  watchdogd.log
```

```
[23.05-RELEASE][admin@pfsense.htf.com.mx]/var/log: cd snort/
```

```
[23.05-RELEASE][admin@pfsense.htf.com.mx]/var/log/snort: ls  
HOMENETWORK_disabled_preproc_rules.log  snort_igc317124  
snort_igc138051  snort_rules_update.log
```

```
[23.05-RELEASE][admin@pfsense.htf.com.mx]/var/log/snort: du -h *
```

```
512B  HOMENETWORK_disabled_preproc_rules.log  
43M  snort_igc138051  
47G  snort_igc317124  
4.5K  snort_rules_update.log
```

```
[23.05-RELEASE][admin@pfsense.htf.com.mx]/var/log/snort: du -h
```

```
47G  ./snort_igc317124  
43M  ./snort_igc138051
```

47G .

```
[23.05-RELEASE][admin@pfsense.htf.com.mx]/var/log/snort: df -h
Filesystem                Size  Used Avail Capacity Mounted on
pfSense/ROOT/default      1.5G  1.5G   6.1M  100% /
devfs                      1.0K  1.0K   0B   100% /dev
pfSense/tmp                6.5M  384K   6.1M   6%  /tmp
pfSense/var                21M   15M   6.1M  71%  /var
pfSense                    6.2M   96K   6.1M   2%  /pfSense
pfSense/home               6.2M   96K   6.1M   2%  /home
pfSense/var/log            47G  47G   6.1M  100%  /var/log
pfSense/var/db             21M   15M   6.1M  72%  /var/db
pfSense/var/tmp            6.2M  104K   6.1M   2%  /var/tmp
pfSense/var/cache          6.2M  104K   6.1M   2%  /var/cache
pfSense/reservation        5.6G   96K   5.6G   0%  /pfSense/reservation
pfSense/ROOT/default/cf    8.6M   2.5M   6.1M  29%  /cf
pfSense/ROOT/default/var_cache_pkg 18M   12M   6.1M  65%  /var/cache/pkg
pfSense/ROOT/default/var_db_pkg   13M   6.9M   6.1M  53%  /var/db/pkg
tmpfs                      4.0M  148K   3.9M   4%  /var/run
/lib                       1.5G  1.5G   6.1M  100%  /var/unbound/lib
devfs                      1.0K  1.0K   0B   100%  /var/unbound/dev
/var/log/pfblockerng       47G  47G   6.1M  100%  /var/unbound/var/log/pfblockerng
/usr/local/share/GeoIP     1.5G  1.5G   6.1M  100%  /var/unbound/usr/local/share/GeoIP
/usr/local/bin             1.5G  1.5G   6.1M  100%  /var/unbound/usr/local/bin
/usr/local/lib             1.5G  1.5G   6.1M  100%  /var/unbound/usr/local/lib
devfs                      1.0K  1.0K   0B   100%  /var/dhcpd/dev
```

```
[23.05-RELEASE][admin@pfsense.htf.com.mx]/var/log/snort: cat /etc/cron
cron.d/ crontab
```

```
[23.05-RELEASE][admin@pfsense.htf.com.mx]/var/log/snort: cat /etc/crontab
```

```
#
# pfSense specific crontab entries
# Created: October 10, 2023, 8:11 pm
#
SHELL=/bin/sh
PATH=/sbin:/bin:/usr/sbin:/usr/bin:/usr/local/sbin:/usr/local/bin

*/1 * * * * root /usr/sbin/newsyslog
1 3 * * * root /etc/rc.periodic daily
15 4 * * 6 root /etc/rc.periodic weekly
30 5 1 * * root /etc/rc.periodic monthly
1,31 0-5 * * * root /usr/bin/nice -n20 adjkerntz -a
1 3 1 * * root /usr/bin/nice -n20 /etc/rc.update_bogons.sh
1 1 * * * root /usr/bin/nice -n20 /etc/rc.dyndns.update
*/60 * * * * root /usr/bin/nice -n20 /usr/local/sbin/expiretable -v -t 3600 virusprot
30 12 * * * root /usr/bin/nice -n20 /etc/rc.update_urltables
1 0 * * * root /usr/bin/nice -n20 /etc/rc.update_pkg_metadata
16 3 * * * root /usr/local/pkg/acme/acme_command.sh "renewall" |
```

```

/usr/bin/logger -t ACME 2>&1
*/5 * * * * root /usr/bin/nice -n20 /usr/local/bin/php -f
/usr/local/pkg/snort/snort_check_cron_misc.inc
52 3 */1 * * root /usr/bin/nice -n20 /usr/local/bin/php -f
/usr/local/pkg/snort/snort_check_for_rule_updates.php
0 8 * * 5 root /usr/local/bin/php /usr/local/www/pfblockerng/pfblockerng.php
dcc >> /var/log/pfblockerng/extras.log 2>&1
0 * * * * root /usr/local/bin/php /usr/local/www/pfblockerng/pfblockerng.php
cron >> /var/log/pfblockerng/pfblockerng.log 2>&1
#
# DO NOT EDIT THIS FILE MANUALLY!
# Use the cron package or create files in /etc/cron.d/.
#

[23.05-RELEASE][admin@pfsense.htf.com.mx]/var/log/snort: cat /etc/crontab
#
# pfSense specific crontab entries
# Created: October 10, 2023, 8:11 pm
#
SHELL=/bin/sh
PATH=/sbin:/bin:/usr/sbin:/usr/bin:/usr/local/sbin:/usr/local/bin

*/1 * * * * root /usr/sbin/newsyslog
1 3 * * * root /etc/rc.periodic daily
15 4 * * 6 root /etc/rc.periodic weekly
30 5 1 * * root /etc/rc.periodic monthly
1,31 0-5 * * * root /usr/bin/nice -n20 adjkerntz -a
1 3 1 * * root /usr/bin/nice -n20 /etc/rc.update_bogons.sh
1 1 * * * root /usr/bin/nice -n20 /etc/rc.dyndns.update
*/60 * * * * root /usr/bin/nice -n20 /usr/local/sbin/expiretable -v -t 3600 virusprot
30 12 * * * root /usr/bin/nice -n20 /etc/rc.update_urllables
1 0 * * * root /usr/bin/nice -n20 /etc/rc.update_pkg_metadata
16 3 * * * root /usr/local/pkg/acme/acme_command.sh "renewall" |
/usr/bin/logger -t ACME 2>&1
*/5 * * * * root /usr/bin/nice -n20 /usr/local/bin/php -f
/usr/local/pkg/snort/snort_check_cron_misc.inc
52 3 */1 * * root /usr/bin/nice -n20 /usr/local/bin/php -f
/usr/local/pkg/snort/snort_check_for_rule_updates.php
0 8 * * 5 root /usr/local/bin/php /usr/local/www/pfblockerng/pfblockerng.php
dcc >> /var/log/pfblockerng/extras.log 2>&1
0 * * * * root /usr/local/bin/php /usr/local/www/pfblockerng/pfblockerng.php
cron >> /var/log/pfblockerng/pfblockerng.log 2>&1
#
# DO NOT EDIT THIS FILE MANUALLY!
# Use the cron package or create files in /etc/cron.d/.
#

```

[23.05-RELEASE][admin@pfsense.htf.com.mx]/var/log/snort: php -f /usr/local/pkg/snort/snort_check_cron_misc.inc

[23.05-RELEASE][admin@pfsense.htf.com.mx]/var/log/snort: df -h

Filesystem	Size	Used	Avail	Capacity	Mounted on
pfSense/ROOT/default	42G	1.5G	41G	4%	/
devfs	1.0K	1.0K	0B	100%	/dev
pfSense/tmp	41G	384K	41G	0%	/tmp
pfSense/var	41G	15M	41G	0%	/var
pfSense	41G	96K	41G	0%	/pfSense
pfSense/home	41G	96K	41G	0%	/home
pfSense/var/log	47G	6.5G	41G	14%	/var/log
pfSense/var/db	41G	15M	41G	0%	/var/db
pfSense/var/tmp	41G	104K	41G	0%	/var/tmp
pfSense/var/cache	41G	104K	41G	0%	/var/cache
pfSense/reservation	46G	96K	46G	0%	/pfSense/reservation
pfSense/ROOT/default/cf	41G	2.5M	41G	0%	/cf
pfSense/ROOT/default/var_cache_pkg	41G	12M	41G	0%	/var/cache/pkg
pfSense/ROOT/default/var_db_pkg	41G	6.9M	41G	0%	/var/db/pkg
tmpfs	4.0M	148K	3.9M	4%	/var/run
/lib	42G	1.5G	41G	4%	/var/unbound/lib
devfs	1.0K	1.0K	0B	100%	/var/unbound/dev
/var/log/pfblockerng	47G	6.5G	41G	14%	/var/unbound/var/log/pfblockerng
/usr/local/share/GeoIP	42G	1.5G	41G	4%	/var/unbound/usr/local/share/GeoIP
/usr/local/bin	42G	1.5G	41G	4%	/var/unbound/usr/local/bin
/usr/local/lib	42G	1.5G	41G	4%	/var/unbound/usr/local/lib
devfs	1.0K	1.0K	0B	100%	/var/dhcpd/dev

[23.05-RELEASE][admin@pfsense.htf.com.mx]/var/log/snort: