

pfSense Packages - Bug #8620

arpwatch database page is not accessible

07/05/2018 09:57 AM - Vladimir Lind

Status:	Resolved	Start date:	07/05/2018
Priority:	Normal	Due date:	
Assignee:	Jim Pingle	% Done:	0%
Category:	arpwatch	Estimated time:	0.00 hour
Target version:	2.4.4	Affected Architecture:	
Affected Version:	2.4.3_1		

Description

On CE-2.4.3-p1 I am not able to open https://172.21.41.148/pkg_edit.php?xml=arpwatch.xml - getting 504

from upstream, client: 172.21.41.249, server: , request: "GET /arpwatch_database.php HTTP/1.1", upstream: "fastcgi:/unix:/var/run/php-fpm.socket", host: "172.21.41.148", referrer: "https://172.21.41.148/pkg_edit.php?xml=arpwatch.xml"

History

#1 - 07/05/2018 10:03 AM - Jim Pingle

- Project changed from pfSense to pfSense Packages
- Category changed from Package System to arpwatch
- Target version deleted (2.4.4)

#2 - 07/05/2018 10:14 AM - Cino .

The issue I have with arpwatch is different but I'm pretty sure they are related. After a day or two of arpwatch running, the process becomes unresponsive. The database page becomes inaccessible. You can't stop the service, kill -9 arpwatch, killall arpwatch seem to have no effect. Due to process becoming unresponsive when rebooting pfsense; the reboot hangs and pfsense needs to be manually powered off and back on again.

As a workaround to this, I manually uninstalled the arpwatch binaries using the pkg command. I then installed arpwatch from the main FreeBSD repository http://pkg.freebsd.org/freebsd:11:x86:64/latest/All/arpwatch-2.1.a15_10.txz. The package between the two repositories are the same name, but I noticed there is a difference in file size. 1 or 2KBs.

#3 - 07/05/2018 10:44 AM - Sven L

Cino . wrote:

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I experienced exactly the same. In my case after some time running arpwatch my whole pfsense box hung up, and only a forced restart fixed it. Also the email notifications dont work correct - every notification gets send out twice. I've heard from other users that known devices wont get saved after a pfsense restart, the settings dont make a difference.

#4 - 07/05/2018 11:05 AM - Cino .

Sven L wrote:

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I've experienced the same email notification issue too. What I found, arpwatch has two processes running for each interface its watching. Looks like when pfsense boots up, its starting arpwatch twice. I haven't found what is causing it but I added a startup script to stop than to start arpwatch again on bootup as a workaround

#5 - 07/05/2018 03:57 PM - Dave Bergman

I'm having the same problems. Woke up this morning to find all devices that have a static IP set were off line and I could not access the Web GUI. The only way to get pfsense running was a hard reset. All through the day I could see devices going offline as there leases ran out.

#6 - 07/06/2018 09:02 AM - DL Ford

I am also experiencing this. My best guess is that Arpwatch is starting itself at boot, then pfSense is starting Arpwatch again after that (or pfSense starts it first? I'm not sure).

In addition to what others have mentioned, I have noticed these facts:

- 1) After installing Arpwatch everything works fine, there is one instance of Arpwatch running per configured interface.
- 2) After a reboot, trouble starts, two instances of Arpwatch running per interface.
- 3) After configuring Arpwatch, if you disable it in the pfSense webconfigurator, and then reboot, Arpwatch works as expected, one instance running per interface, no repeat emails for existing hosts, you can view the database from the webconfigurator and it does get updated by Arpwatch. The only downside to this is that it doesn't show up in the pfSense webconfigurator as a running service, but it is in fact running and working correctly at this point.

I would suggest to others in the meantime to install and configure Arpwatch from the webconfigurator, then uncheck "Enable Arpwatch", click save, and reboot. That is the state my system is in at this point, I will report here if I see any issues arise from running it this way. I would also suggest anyone doing this keep an eye on this thread, because when this issue gets fixed you'll need to enable Arpwatch again in the webconfigurator.

#7 - 07/30/2018 01:40 AM - Mathias Möller

I have exactly the same problems. The actual workaround is not to enable arpwatch, so it will be automaticly startet on next bootup.

#8 - 08/23/2018 10:29 AM - Sven L

Its been two months now.. are there any news?

#9 - 08/28/2018 09:55 PM - Dallas Haselhorst

I'm interested in a fix for this as well. On 2.4.3-p1 I have the same issues -- multiple emails and nothing in the database. I haven't seen the

unresponsive interface issue because I removed the package and verified the processes stopped as soon as I discovered the other problems and learned that was a possible side effect. Prior to removing the package, I checked and there were two identical processes (same network, same email) running.

#10 - 08/29/2018 02:10 PM - Jim Pingle

- Status changed from New to Feedback

- Assignee set to Jim Pingle

Should be improved by <https://github.com/pfsense/FreeBSD-ports/commit/aa78e490fe92d5640a742bbe77012a5ba626b084> but the full fix requires a 2.4.4 snapshot along with arpwatch pkg version 0.1.1. Will be available whenever the next new round of snapshots is up.

#11 - 08/29/2018 03:14 PM - Jim Thompson

- Target version set to 2.4.4

#12 - 08/29/2018 08:25 PM - James Dekker

On 2.4.4.a.20180829.1926 (gitsync'd to master) with arpwatch version 0.1.1,

Seeing one instance of arpwatch for each interface immediately after installing:

```
root      1740    0.0    0.6  10688   5608  -  S    01:16    0:00.02 /usr/local/sbin/arpwatch -N -z -f /usr/local/arpwatch/arp_vtnet1.dat -i vtnet1 -m user@host.local
root      1995    0.0    0.6  10688   5608  -  S    01:16    0:00.02 /usr/local/sbin/arpwatch -N -z -f /usr/local/arpwatch/arp_vtnet0.dat -i vtnet0 -m user@host.local
root      5632    0.0    0.3   6968   2820  -  S    01:16    0:00.00 sh -c ps uxaww | grep arpwatch 2>&1
root      6245    0.0    0.2   6564   2460  -  S    01:16    0:00.00 grep arpwatch
```

However, after a reboot there are two instances of arpwatch for each interface:

```
root      39338   0.0    0.6  10688   5640  -  S    01:18    0:00.02 /usr/local/sbin/arpwatch -N -z -f /usr/local/arpwatch/arp_vtnet1.dat -i vtnet1 -m user@host.local
root      39620   0.0    0.6  10688   5612  -  S    01:18    0:00.02 /usr/local/sbin/arpwatch -N -z -f /usr/local/arpwatch/arp_vtnet0.dat -i vtnet0 -m user@host.local
root      39953   0.0    0.6  10688   5624  -  S    01:18    0:00.02 /usr/local/sbin/arpwatch -N -z -f /usr/local/arpwatch/arp_vtnet1.dat -i vtnet1 -m user@host.local
root      40019   0.0    0.6  10688   5640  -  S    01:18    0:00.02 /usr/local/sbin/arpwatch -N -z -f /usr/local/arpwatch/arp_vtnet0.dat -i vtnet0 -m user@host.local
root      52030   0.0    0.3   6968   2808  -  S    01:20    0:00.00 sh -c ps uxaww | grep arpwatch 2>&1
root      52147   0.0    0.2   6564   2460  -  S    01:20    0:00.00 grep arpwatch
```

#13 - 08/30/2018 04:44 AM - Vladimir Lind

Yup, seeing the same on Wed Aug 29 19:26:24 EDT 2018 with pfSense-pkg-arpwatch-0.1.1:

```
root 37039 0.0 0.3 6968 2596 - S 12:34 0:00.00 sh -c ps auxww | grep arpwatch 2>&1
root 37290 0.0 0.0 408 324 - R 12:34 0:00.00 grep arpwatch
root 87034 0.0 0.6 8640 5052 - S 12:08 0:00.03 /usr/local/sbin/arpwatch -f /usr/local/arpwatch/arp_vmx1.dat -i vmx1 -m user@host.local
root 87553 0.0 0.6 8640 5080 - S 12:08 0:00.02 /usr/local/sbin/arpwatch -f /usr/local/arpwatch/arp_vmx2.dat -i vmx2 -m user@host.local
```

After reboot:

```
root 22222 0.0 0.6 8640 5176 - S 12:44 0:00.01 /usr/local/sbin/arpwatch -f /usr/local/arpwatch/arp_vmx1.dat -i vmx1 -m user@host.local
root 22586 0.0 0.6 8640 5176 - S 12:44 0:00.01 /usr/local/sbin/arpwatch -f /usr/local/arpwatch/arp_vmx1.dat -i vmx1 -m user@host.local
root 22951 0.0 0.6 8640 5176 - S 12:44 0:00.01 /usr/local/sbin/arpwatch -f /usr/local/arpwatch/arp_vmx2.dat -i vmx2 -m user@host.local
root 23035 0.0 0.6 8640 5176 - S 12:44 0:00.01 /usr/local/sbin/arpwatch -f /usr/local/arpwatch/arp_vmx2.dat -i vmx2 -m user@host.local
root 36004 0.0 0.3 6968 2804 - S 12:44 0:00.00 sh -c ps auxww | grep arpwatch 2>&1
root 36637 0.0 0.3 6564 2468 - S 12:44 0:00.00 grep arpwatch
```

Database is displayed OK:

Database

```
OPT1 10.100.100.2 00:0c:29:33:40:84 unknown Thu Aug 30 12:23:22 2018
OPT1 10.100.100.1 00:0c:29:22:ba:8b unknown Thu Aug 30 12:23:22 2018
```

#14 - 08/30/2018 07:40 AM - Jim Pingle

Looks like one line of my commit is missing, will push a correction momentarily. The package is OK, the problem is on [#8850](#)

#15 - 08/30/2018 07:51 AM - Jim Pingle

OK to test again after a gitsync or an update to a snapshot which includes my last commit on [#8850](#)

#16 - 08/30/2018 07:59 AM - Vladimir Lind

Gitsynced, retested - now looks good, no arpwatch duplicated processes

#17 - 08/30/2018 07:59 AM - Jim Pingle

- Status changed from Feedback to Resolved