

pfSense - Bug #4212

unbound not starting on 12 CPU host

01/14/2015 04:09 AM - Thomas Hilse

Status:	Resolved	Start date:	01/14/2015
Priority:	Normal	Due date:	
Assignee:		% Done:	100%
Category:	DNS Resolver	Estimated time:	0.00 hour
Target version:	2.2	Affected Architecture:	
Affected Version:	2.2		

Description

In /etc/inc/unbound.inc
the unbound parameters 'msg_cache_slabs', 'rrset_cache_slabs', 'infra_cache_slabs', 'key_cache_slabs' are set to sysctl value 'kern.smp.cpus' (in our case 12).

These config values must be a power of 2. Starting unbound manually results in following error:

```
/var/unbound/unbound.conf:40: error: must be a power of 2  
/var/unbound/unbound.conf:41: error: must be a power of 2  
/var/unbound/unbound.conf:42: error: must be a power of 2  
/var/unbound/unbound.conf:43: error: must be a power of 2  
read /var/unbound/unbound.conf failed: 4 errors in configuration file
```

Associated revisions

Revision 46762efe - 01/14/2015 05:09 AM - Warren Baker

Correctly handle number of cores and power of 2. Merged from the package already had this. Fixes #4212

Revision 9eec3be3 - 01/14/2015 05:23 AM - Warren Baker

Correctly handle number of cores and power of 2. Merged from the package already had this. Fixes #4212

History

#1 - 01/14/2015 04:20 AM - Thomas Hilse

I just saw, that this was already discussed in the pfsense forum:

<https://forum.pfsense.org/index.php?topic=61659.msg333247#msg333247>

#2 - 01/14/2015 05:16 AM - Warren Baker

Thanks merged patch from the package would had this fixed (check <https://github.com/pfsense/pfsense/pull/1439>)

#3 - 01/14/2015 05:40 AM - Warren Baker

- Status changed from New to Feedback

- % Done changed from 0 to 100

Applied in changeset [46762efee6b66b86090bb54f0bbb3d593bf23cf3](https://github.com/pfsense/pfsense/commit/46762efee6b66b86090bb54f0bbb3d593bf23cf3).

#4 - 01/14/2015 05:40 AM - Warren Baker

Applied in changeset [9eec3be339805c5f276500331c410fa18cc9bd5f](https://github.com/pfsense/pfsense/commit/9eec3be339805c5f276500331c410fa18cc9bd5f).

#5 - 01/15/2015 03:25 AM - Thomas Hilse

It works. Thanks for the quick fix.

#6 - 01/15/2015 04:13 AM - Renato Botelho

- *Status changed from Feedback to Resolved*

#7 - 01/15/2015 11:59 AM - Chris Buechler

- *Target version set to 2.2*