

## pfSense - Bug #6142

### Validate and adjust apinger to dpinger parameters on upgrade

04/13/2016 05:30 PM - Phillip Davis

<b>Status:</b>	Resolved	<b>Start date:</b>	04/13/2016
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Renato Botelho	<b>% Done:</b>	100%
<b>Category:</b>	Gateway monitoring	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	2.3.1	<b>Affected Architecture:</b>	
<b>Affected Version:</b>	2.3		

**Description**

There are some problems reported with old apinger parameters not converting to dpinger parameters on upgrade from 2.2.\* to 2.3 Review upgrade\_config.inc upgrade\_130\_to\_131() which attempts to do it, and fix as needed.  
Forum: <https://forum.pfsense.org/index.php?topic=109706.msg611062#msg611062>

#### Associated revisions

##### Revision 21300959 - 04/14/2016 08:56 AM - Phillip Davis

Fix #6142 validate and adjust dpinger params on upgrade

- 1) The previous "down" value was being converted to msec and put into "loss\_interval". It should go into "time\_period".
- 2) loss\_interval must always be at least latencyhigh - make it so if latencyhigh is big.
- 3) alert\_interval must always be at least probe interval - make it so if the probe interval is high.
- 4) The time\_period for averaging the results must be at least 2 probe intervals plus loss\_interval (ensuring there should always be 2 probe results by the time\_period expiry) - make it so.

These various conditions taken from the validation code in system\_gateways\_edit.php

Note: I have explicitly put the necessary default dpinger parameter values here, rather than calling return\_dpinger\_defaults() because at this point in any future conversion we want to use these particular numbers, not what the defaults happen to be in pfSense 2.4 or 3.0 or...

##### Revision e2ddef9e - 04/15/2016 03:09 AM - Phillip Davis

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#### **Revision 5e367fdd - 04/15/2016 03:09 AM - Phillip Davis**

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#### **Revision 1d616571 - 04/22/2016 12:40 AM - Chris Buechler**

Don't foreach unless it's an array. Ticket #6142

#### **Revision 13dab353 - 04/22/2016 12:41 AM - Chris Buechler**

Don't foreach unless it's an array. Ticket #6142

**Revision be09e9e8 - 04/22/2016 01:43 AM - Phillip Davis**

Don't foreach unless it's an array. Ticket #6142

Similar thing to <https://github.com/pfsense/pfsense/commit/13dab3538fe8b6c1688142c89a017520ad0aaac6> should be done here in `upgrade_130_to_131()`

**Revision a39e519b - 04/23/2016 04:33 AM - Phillip Davis**

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Similar thing to <https://github.com/pfsense/pfsense/commit/13dab3538fe8b6c1688142c89a017520ad0aaac6> should be done here in `upgrade_130_to_131()`

## History

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**#1 - 04/14/2016 09:21 AM - Phillip Davis**

Part 1 of the fix: <https://github.com/pfsense/pfsense/pull/2869>

That will fix the `upgrade_130_to_131()` step, but will only be effective for people upgrading after 2.3.1 is released.

I also have code for an `upgrade_150_to_151()` step that I can submit (once you are happy with part 1), which will do a validation check on existing dpinger parameters. That will be good for people upgrading from 2.3 to 2.3.1 - it can fix any remaining dodgy dpinger advanced parameter settings.

**#2 - 04/14/2016 04:51 PM - Jim Thompson**

- Assignee set to Renato Botelho

**#3 - 04/15/2016 03:20 AM - Phillip Davis**

- Status changed from New to Feedback

- % Done changed from 0 to 100

Applied in changeset [21300959d92cd0a2cbd8a756ee5ecf25f6193e09](https://github.com/pfsense/pfsense/commit/21300959d92cd0a2cbd8a756ee5ecf25f6193e09).

**#4 - 04/15/2016 07:02 AM - Phillip Davis**

Pull request <https://github.com/pfsense/pfsense/pull/2872>

Adds checks `upgrade_150_to_151()` that will double-check dpinger parameters and correct when a system currently on 2.3 with dodgy dpinger parameters is upgraded to 2.3.1

This should be the last piece of this puzzle.

**#5 - 05/06/2016 03:07 AM - Chris Buechler**

- Status changed from Feedback to Resolved

all works. Thanks Phil!