

## pfSense - Bug #4754

### enabling net.inet.ipsec.directdispatch on 32 bit results in kernel panics

06/11/2015 04:41 PM - Chris Buechler

<b>Status:</b>	Resolved	<b>Start date:</b>	06/11/2015
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>	Operating System	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	2.3.2	<b>Affected Version:</b>	2.2.x
<b>Plus Target Version:</b>		<b>Affected Architecture:</b>	i386
<b>Release Notes:</b>			
<b>Description</b> <p>Starting this for the root problem in <a href="#">#4537</a>. We have a workaround for the issue and hence closed that ticket, but the root cause should still be fixed or at least reported upstream after putting together a test case and verifying on stock FreeBSD.</p> <p>Where net.inet.ipsec.directdispatch=1, and you try to reach any service running on the box itself across IPsec, it triggers a kernel panic on 32 bit only.</p>			

#### Associated revisions

##### Revision 9a330eff - 07/10/2016 12:12 AM - Chris Buechler

Remove workaround for Ticket #4754 in 2.4 since 32 bit is dead.

##### Revision 1a33a597 - 07/10/2016 12:14 AM - Chris Buechler

set net.isr.dispatch instead since net.inet.ipsec.directdispatch no longer exists. Ticket #4754

#### History

##### #1 - 07/09/2016 11:59 AM - Jim Pingle

Apparently this can also affect 2.3.x and that tunable is no longer present. To work around the issue, use net.isr.dispatch=deferred instead.

See <https://forum.pfsense.org/index.php?topic=114217.msg638131#msg638131>

##### #2 - 07/09/2016 07:17 PM - Chris Buechler

- Status changed from Confirmed to Feedback

- Target version set to 2.3.2

I removed that directdispatch sysctl from 2.4 entirely since 32 bit is gone there, and changed RELENG\_2\_3 to net.isr.dispatch=deferred.

Since 32 bit is EOL in 2.4, setting this target 2.3.2 for tracking and to close out once verified.

##### #3 - 07/12/2016 09:30 AM - Renato Botelho

- Status changed from Feedback to Resolved