pfSense - Bug #4454

scrub random-id + PPPoE + IPsec + communication to LAN IP = kernel panic on 32 bit

02/20/2015 10:13 AM - Vladimir Putin

Status:	Duplicate		**Start date:**	02/20/2015
Priority:	Normal		**Due date:**	
Assignee:			**% Done:**	0%
Category:	IPsec		**Estimated time:**	0.00 hour
Target version:				
Affected Version:			**Affected Architecture:**	i386

Description

Started almost here https://forum.pfsense.org/index.php?board=16.0
But I am not sure is it all have the same reason to panic
For me it is reproducible. I have configured WAN as PPPoE and LAN too, also I have "Insert a stronger id into IP header of packets passing through the filter." enabled. If I create mobile client tunnel in IPSEC, no matter wich way it's created, I can connect successfully, but if I try to open pfsense homepage via LAN address, then pfsense immediately crashes, sometimes it crashes right after ipsec connection is up. If I disable Insert a stronger id into IP header of packets passing through the filter." option in pfsense, then ipsec works and no more kernel panics.

```
Fatal double fault:
eip = 0xc0da5cd2
esp = 0xe0783fd0
ebp = 0xe0784114
cpuid = 1; apic id = 01
panic: double fault
cpuid = 1
KDB: enter: panic
```

History

#1 - 03/03/2015 06:52 PM - Chris Buechler

- *Subject changed from Some configuration options and IPSEC simultaneously — kernel panic to scrub random-id + PPPoE + IPsec + communication to LAN IP = kernel panic on 32 bit*

- *Status changed from New to Confirmed*

- *Priority changed from High to Normal*

- *Affected Architecture i386 added*

- *Affected Architecture deleted ()*

subject updated to what appears to be the specific issue here. this is a very unusual circumstance. The other issues in the linked thread seem different, will create a separate ticket there after narrowing down what that problem is.

#2 - 10/01/2015 12:59 AM - Chris Buechler

- *Status changed from Confirmed to Duplicate*

this is a duplicate of #4754, which has better info

#3 - 10/01/2015 12:59 AM - Chris Buechler

- *Affected Version deleted (2.2)*

Files

crash.txt		417 KB	02/20/2015	Vladimir Putin