

pfSense - Bug #11586

WireGuard panic when saving many times in a row

03/01/2021 02:22 PM - Jim Pingle

Status:	Not a Bug	Start date:	03/01/2021
Priority:	Normal	Due date:	
Assignee:	Peter Grehan	% Done:	0%
Category:	WireGuard	Estimated time:	0.00 hour
Target version:		Affected Version:	
Plus Target Version:		Affected Architecture:	
Release Notes:	Default		
Description			
Moving this over from NG 5538			
There is still a lingering panic in WireGuard when saving on an interface, but it's rare.			
I have only been able to do this once while I was saving the interface repeatedly when testing some other code.			
<pre>db:0:kdb.enter.default> bt Tracing pid 12 tid 100035 td 0xffffffff80005398000 kdb_enter() at kdb_enter+0x37/frame 0xffffffffe00400fa120 vpanic() at vpanic+0x197/frame 0xffffffffe00400fa170 panic() at panic+0x43/frame 0xffffffffe00400fa1d0 trap_fatal() at trap_fatal+0x391/frame 0xffffffffe00400fa230 trap_pfault() at trap_pfault+0x4f/frame 0xffffffffe00400fa280 trap() at trap+0x286/frame 0xffffffffe00400fa390 calltrap() at calltrap+0x8/frame 0xffffffffe00400fa390 --- trap 0xc, rip = 0xffffffff80d84a27, rsp = 0xffffffffe00400fa460, rbp = 0xffffffffe00400fa4e0 --- __mtx_lock_sleep() at __mtx_lock_sleep+0xd7/frame 0xffffffffe00400fa4e0 _rm_rlock_hard() at _rm_rlock_hard+0x3c1/frame 0xffffffffe00400fa520 wg_route_lookup() at wg_route_lookup+0xdd/frame 0xffffffffe00400fa5b0 wg_transmit() at wg_transmit+0x8d/frame 0xffffffffe00400fa610 ip_output() at ip_output+0x131c/frame 0xffffffffe00400fa750 igmp_intr() at igmp_intr+0x2bc/frame 0xffffffffe00400fa830 netisr_dispatch_src() at netisr_dispatch_src+0xca/frame 0xffffffffe00400fa880 igmp_fasttimo() at igmp_fasttimo+0x90a/frame 0xffffffffe00400fa950 pffasttimo() at pffasttimo+0x54/frame 0xffffffffe00400fa980 softclock_call_cc() at softclock_call_cc+0x141/frame 0xffffffffe00400faa30 softclock() at softclock+0x79/frame 0xffffffffe00400faa50 ithread_loop() at ithread_loop+0x23c/frame 0xffffffffe00400faab0 fork_exit() at fork_exit+0x7e/frame 0xffffffffe00400faaf0 fork_trampoline() at fork_trampoline+0xe/frame 0xffffffffe00400faaf0</pre>			
Low priority and no target since it doesn't appear to be something users could hit often, but we should still take a look.			

History

#1 - 03/01/2021 02:24 PM - Jim Pingle

Parts of the backtrace are similar to [#11585](#) but it's not an exact match.

#2 - 03/01/2021 02:25 PM - Jim Pingle

- File *wireguard-crash-7100-new-textdump.tar* added

Textdump from one of the occurrences

#3 - 03/09/2021 01:51 PM - Jim Pingle

- Target version changed from CE-Next to 2.5.1

#4 - 03/16/2021 08:10 AM - Renato Botelho

- *Status changed from New to Feedback*

Many wg fixes were cherry-picked from upstream. This must be tested again

#5 - 03/19/2021 10:59 AM - Jim Pingle

- *Target version changed from 2.5.1 to Future*

#6 - 04/22/2021 06:34 AM - Christian McDonald

Unable to reproduce this on the latest kmod code..and I've been quite aggressive at building and tearing down tunnels in quick succession over the course of several weeks. No kernel panics yet.

#7 - 04/22/2021 07:11 AM - Jim Pingle

- *Status changed from Feedback to Not a Bug*

#8 - 05/11/2021 12:12 PM - Jim Pingle

- *Target version deleted (Future)*

Files

wireguard-crash-7100-new-textdump.tar	154 KB	03/01/2021	Jim Pingle
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