

Infra Chapril - Anomalie #2494

Instabilités carte réseau principale de maine

14/06/2017 23:41 - Quentin Gibeaux

Statut:	Fermé	Début:	14/06/2017
Priorité:	Élevée	Echéance:	
Assigné à:	Quentin Gibeaux	% réalisé:	0%
Catégorie:		Temps estimé:	0.00 heure
Version cible:			

Description

J'ai lancé quelques backup ce soir, et maine a arrêté de répondre au ping...

Après un reset hardware, j'ai pu voir ça dans les logs :

```
un 14 21:17:17 maine kernel: [27713.793425] e1000e 0000:00:1f.6 enp0s31f6: Detected Hardware Unit Hang:
Jun 14 21:17:17 maine kernel: [27713.793425] TDH <64>
Jun 14 21:17:17 maine kernel: [27713.793425] TDT <71>
Jun 14 21:17:17 maine kernel: [27713.793425] next_to_use <71>
Jun 14 21:17:17 maine kernel: [27713.793425] next_to_clean <5f>
Jun 14 21:17:17 maine kernel: [27713.793425] buffer_info[next_to_clean]:
Jun 14 21:17:17 maine kernel: [27713.793425] time_stamp <100689089>
Jun 14 21:17:17 maine kernel: [27713.793425] next_to_watch <64>
Jun 14 21:17:17 maine kernel: [27713.793425] jiffies <100689350>
Jun 14 21:17:17 maine kernel: [27713.793425] next_to_watch.status <0>
Jun 14 21:17:17 maine kernel: [27713.793425] MAC Status <80083>
Jun 14 21:17:17 maine kernel: [27713.793425] PHY Status <796d>
Jun 14 21:17:17 maine kernel: [27713.793425] PHY 1000BASE-T Status <3800>
Jun 14 21:17:17 maine kernel: [27713.793425] PHY Extended Status <3000>
Jun 14 21:17:17 maine kernel: [27713.793425] PCI Status <10>
Jun 14 21:17:20 maine kernel: [27716.032971] -----[ cut here ]-----
Jun 14 21:17:20 maine kernel: [27716.032998] WARNING: CPU: 0 PID: 0 at /build/linux-cKfWAZ/linux-4.9.30/net/sched/sch_generic.c:316 dev_watchdog+0x22d/0x230
Jun 14 21:17:20 maine kernel: [27716.033002] NETDEV WATCHDOG: enp0s31f6 (e1000e): transmit queue 0 timed out
Jun 14 21:17:20 maine kernel: [27716.033006] Modules linked in: vhost_net vhost macvtap macvlan ebtable_nat drbd ip6t_REJECT nf_reject_ipv6 xt_comment xt_nat xt_CHECKSUM iptable_mangle ipt_MASQUERADE nf_nat_masquerade_ipv4 iptable_nat nf_nat_ipv4 nf_nat nf_conntrack_ipv4 nf_defrag_ipv4 xt_conntrack nf_conntrack ipt_REJECT nf_reject_ipv4 xt_tcpudp tun bridge stp llc ebtfilter ebttables ip6table_filter ip6_tables xt_multiport iptable_filter intel_rapl x86_pkg_temp thermal intel_powerclamp coretemp kvm_intel kvm hci_uart btbcm btqca irqbypass btintel bluetooth evdev intel_lpss_acpi intel_lpss mfd_core mei_me mei iTCO_wdt serio_raw crct10dif_pclmul crc32_pclmul rkill i915 ghash_hclmulni_intel iTCO_vendor_support drm_kms_helper drm sg shpchp i2c_algo_bit video acpi_als kfifo_buf pcspkr industrialio wmi button acpi_pad lru_cache ip_tables
Jun 14 21:17:20 maine kernel: [27716.033097] x_tables autofs4 ext4 crc16 jbd2 fscrypto ecb mbcache raid10 raid456 async_raid6_recov async_memcpy async_pq async_xor async_tx xor raid6_pq libcrc32c crc32c_generic raid0 multipath linear dm_mod raid1 md_mod sd_mod crc32c_intel aesni_intel aes_x86_64 glue_helper lrw gf128mul ablk_helper cryptd ahci libahci xhci_pci psmouse libata xhci_hcd i2c_i801 i2c_smbus scsi_mod e1000e usbcore usb_common ptp pps_core i2c_hid hid [last unloaded: drbd]
Jun 14 21:17:20 maine kernel: [27716.033158] CPU: 0 PID: 0 Comm: swapper/0 Not tainted 4.9.0-3-amd64 #1 Debian 4.9.30-1
Jun 14 21:17:20 maine kernel: [27716.033161] Hardware name: FUJITSU /D3401-H2, BIOS V5.0.0.12 R1.5.0 for D3401-H2x 02/27/2017
Jun 14 21:17:20 maine kernel: [27716.033165] 0000000000000000 ffffffff98f28634 ffff930aee403e30 0000000000000000
Jun 14 21:17:20 maine kernel: [27716.033171] ffffffff98c76eae 0000000000000000 ffff930aee403e88 ffff930ac4b34000
Jun 14 21:17:20 maine kernel: [27716.033177] 0000000000000000 ffff930ac5266e80 0000000000000001 ffffffff98c76f2f
Jun 14 21:17:20 maine kernel: [27716.033183] Call Trace:
Jun 14 21:17:20 maine kernel: [27716.033186] <IRQ>
Jun 14 21:17:20 maine kernel: [27716.033193] [<fffffff98f28634>] ? dump_stack+0x5c/0x78
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Jun 14 21:17:20 maine kernel: [27716.033200] [<ffffffff98c76eae>] ? __warn+0xbe/0xe0
Jun 14 21:17:20 maine kernel: [27716.033206] [<ffffffff98c76f2f>] ? warn_slowpath_fmt+0x5f/0x80
Jun 14 21:17:20 maine kernel: [27716.033213] [<ffffffff9912998d>] ? dev_watchdog+0x22d/0x230
Jun 14 21:17:20 maine kernel: [27716.033217] [<ffffffff99129760>] ? qdisc_rcu_free+0x40/0x40
Jun 14 21:17:20 maine kernel: [27716.033224] [<ffffffff98ce3e80>] ? call_timer_fn+0x30/0x110
Jun 14 21:17:20 maine kernel: [27716.033234] [<ffffffff98ce43be>] ? run_timer_softirq+0x1ce/0x420
Jun 14 21:17:20 maine kernel: [27716.033240] [<ffffffff98cb3953>] ? rebalance_domains+0x253/0x2b0
Jun 14 21:17:20 maine kernel: [27716.033246] [<ffffffff99207d55>] ? __do_softirq+0x105/0x290
Jun 14 21:17:20 maine kernel: [27716.033251] [<ffffffff98c7cf5e>] ? irq_exit+0xae/0xb0
Jun 14 21:17:20 maine kernel: [27716.033254] [<ffffffff99207662>] ? reschedule_interrupt+0x82/0x90
Jun 14 21:17:20 maine kernel: [27716.033255] <EOI>
Jun 14 21:17:20 maine kernel: [27716.033263] [<ffffffff990ca3aa>] ? cpuidle_enter_state+0x11a/0x2b0
Jun 14 21:17:20 maine kernel: [27716.033268] [<ffffffff98cb94f4>] ? cpu_startup_entry+0x154/0x240
Jun 14 21:17:20 maine kernel: [27716.033274] [<ffffffff99938f57>] ? start_kernel+0x443/0x463
Jun 14 21:17:20 maine kernel: [27716.033278] [<ffffffff99938120>] ? early_idt_handler_array+0x120/0x120
Jun 14 21:17:20 maine kernel: [27716.033282] [<ffffffff99938408>] ? x86_64_start_kernel+0x14c/0x170
Jun 14 21:17:20 maine kernel: [27716.033287] ---[ end trace ca3d4362d9132a0d ]---
Jun 14 21:17:20 maine kernel: [27716.033317] e1000e 0000:00:1f.6 enp0s31f6: Reset adapter unexpectedly
Jun 14 21:17:24 maine kernel: [27720.467706] e1000e: enp0s31f6 NIC Link is Up 1000 Mbps Full Duplex, Flow Control: Rx/Tx
Jun 14 21:17:32 maine kernel: [27728.801335] e1000e 0000:00:1f.6 enp0s31f6: Detected Hardware Unit Hang:
Jun 14 21:17:32 maine kernel: [27728.801335] TDH <0>
Jun 14 21:17:32 maine kernel: [27728.801335] TDT <4>
Jun 14 21:17:32 maine kernel: [27728.801335] next_to_use <4>
Jun 14 21:17:32 maine kernel: [27728.801335] next_to_clean <0>
Jun 14 21:17:32 maine kernel: [27728.801335] buffer_info[next_to_clean]:
Jun 14 21:17:32 maine kernel: [27728.801335] time_stamp <100689f80>
Jun 14 21:17:32 maine kernel: [27728.801335] next_to_watch <1>
Jun 14 21:17:32 maine kernel: [27728.801335] jiffies <10068a1f8>
Jun 14 21:17:32 maine kernel: [27728.801335] next_to_watch.status <0>
Jun 14 21:17:32 maine kernel: [27728.801335] MAC Status <80083>
Jun 14 21:17:32 maine kernel: [27728.801335] PHY Status <796d>
Jun 14 21:17:32 maine kernel: [27728.801335] PHY 1000BASE-T Status <7800>
Jun 14 21:17:32 maine kernel: [27728.801335] PHY Extended Status <3000>
Jun 14 21:17:32 maine kernel: [27728.801335] PCI Status <10>
Jun 14 21:17:34 maine kernel: [27730.785311] e1000e 0000:00:1f.6 enp0s31f6: Detected Hardware Unit Hang:
Jun 14 21:17:34 maine kernel: [27730.785311] TDH <0>
Jun 14 21:17:34 maine kernel: [27730.785311] TDT <4>
Jun 14 21:17:34 maine kernel: [27730.785311] next_to_use <4>
Jun 14 21:17:34 maine kernel: [27730.785311] next_to_clean <0>
Jun 14 21:17:34 maine kernel: [27730.785311] buffer_info[next_to_clean]:
Jun 14 21:17:34 maine kernel: [27730.785311] time_stamp <100689f80>
Jun 14 21:17:34 maine kernel: [27730.785311] next_to_watch <1>
Jun 14 21:17:34 maine kernel: [27730.785311] jiffies <10068a3e8>
Jun 14 21:17:34 maine kernel: [27730.785311] next_to_watch.status <0>
Jun 14 21:17:34 maine kernel: [27730.785311] MAC Status <80083>
Jun 14 21:17:34 maine kernel: [27730.785311] PHY Status <796d>
Jun 14 21:17:34 maine kernel: [27730.785311] PHY 1000BASE-T Status <7800>
Jun 14 21:17:34 maine kernel: [27730.785311] PHY Extended Status <3000>
Jun 14 21:17:34 maine kernel: [27730.785311] PCI Status <10>
Jun 14 21:17:36 maine kernel: [27732.801299] e1000e 0000:00:1f.6 enp0s31f6: Detected Hardware Unit Hang:
Jun 14 21:17:36 maine kernel: [27732.801299] TDH <0>
Jun 14 21:17:36 maine kernel: [27732.801299] TDT <4>
Jun 14 21:17:36 maine kernel: [27732.801299] next_to_use <4>
Jun 14 21:17:36 maine kernel: [27732.801299] next_to_clean <0>
Jun 14 21:17:36 maine kernel: [27732.801299] buffer_info[next_to_clean]:
Jun 14 21:17:36 maine kernel: [27732.801299] time_stamp <100689f80>
Jun 14 21:17:36 maine kernel: [27732.801299] next_to_watch <1>
Jun 14 21:17:36 maine kernel: [27732.801299] jiffies <10068a5e0>

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```
Jun 14 21:17:36 maine kernel: [27732.801299] next_to_watch.status <0>
Jun 14 21:17:36 maine kernel: [27732.801299] MAC Status <80083>
Jun 14 21:17:36 maine kernel: [27732.801299] PHY Status <796d>
Jun 14 21:17:36 maine kernel: [27732.801299] PHY 1000BASE-T Status <7800>
Jun 14 21:17:36 maine kernel: [27732.801299] PHY Extended Status <3000>
Jun 14 21:17:36 maine kernel: [27732.801299] PCI Status <10>
(...) block répété indéfiniment
```

Il semblerait qu'il y ai un soucis avec la carte réseau et/ou son driver...

<https://serverfault.com/questions/616485/e1000e-reset-adapter-unexpectedly-detected-hardware-unit-hang>

Ici ils conseillent de désactiver l'option TSO (j'ignore ce qu'elle fait), je tente ça...

Historique

#1 - 14/06/2017 23:41 - Quentin Gibeaux

- *Priorité changé de Normale à Élevée*

#2 - 30/06/2017 22:37 - Quentin Gibeaux

- *Statut changé de Nouveau à Résolu*

Il n'y a pas eu de problème à nouveau, depuis que les TSO ont été désactivé.

```
ethtool -K enp0s31f6 gso off gro off tso off
```

#3 - 01/12/2019 03:59 - Christian P. Momon

- *Assigné à mis à Quentin Gibeaux*

#4 - 03/12/2019 10:34 - Quentin Gibeaux

- *Statut changé de Résolu à Fermé*

#5 - 11/01/2020 06:27 - Christian P. Momon

- *Projet changé de Chapril à Infra Chapril*