

pfSense - Regression #15112

``status\_interfaces.php`` is missing several values for SFP modules

12/22/2023 06:04 PM - Chad Wagner

Status:	Resolved	Start date:	
Priority:	Normal	Due date:	
Assignee:	Jim Pingle	% Done:	100%
Category:	Web Interface	Estimated time:	0.00 hour
Target version:	2.8.0	Affected Version:	
Plus Target Version:	24.03	Affected	All
Release Notes:	Default	Architecture:	

Description

I am not seeing the SFP module status in pfSense 23.09.1 that was implemented previously. Reference <https://redmine.pfsense.org/issues/8861>.

ifconfig -v shows that my 10Gtek modules are providing the additional information. I just switched from DAC to fiber a few days ago so I am not exactly sure when the regression may have occurred.

output from ifconfig -v on my Netgate 6100

ix0: flags=1008843<UP,BROADCAST,RUNNING,SIMPLEX,MULTICAST,LOWER_UP> metric 0 mtu 1500
description: WAN
options=4e138bb<RXCSUM,TXCSUM,VLAN_MTU,VLAN_HWTAGGING,JUMBO_MTU,VLAN_HWCSUM,WOL_UCAST,WOL_MCAST,WOL_MAGIC,VLAN_HWFILTER,RXCSUM_IPV6,TXCSUM_IPV6,HWSTATS,MEXTPG>
ether 90:ec:77:29:83:68
inet xx.xx.xx.xx netmask 0xfffff00 broadcast xx.xx.xx.xx
inet6 fe80::92ec:77ff:fe29:8368%ix0 prefixlen 64 scopeid 0x5
media: Ethernet autoselect (10Gbase-SR <full-duplex>)
status: active
nd6 options=21<PERFORMNUD,AUTO_LINKLOCAL>
plugged: SFP/SFP+/SFP28 10G Base-SR (LC)
vendor: OEM PN: SFP-10G-SR SN: xxxxxxxxxxxx DATE: 2023-09-07
module temperature: 44.00 C voltage: 3.41 Volts
lane 1: RX power: 0.56 mW (-2.53 dBm) TX bias: 6.07 mA

Interface Status Page:

WAN Interface (wan, ix0)

Status	up 
DHCP	up  Release WAN ☐ Relinquish Lease
MAC Address	- silicom
IPv4 Address	
Subnet mask IPv4	255.255.255.0
Gateway IPv4	
IPv6 Link Local	
MTU	1500
Media	10Gbase-SR <full-duplex>
Plugged	SFP/SFP+/SFP28 10G Base-SR (LC)
Vendor	OEM PN: SFP-10G-SR SN: DATE: 2023-09-07
In/out packets	58555201/28734718 (68.86 GiB/20.69 GiB)
In/out packets (pass)	58555201/28734718 (68.86 GiB/20.69 GiB)
In/out packets (block)	62592/0 (5.70 MiB/0 B)
In/out errors	0/0
Collisions	0
Interrupts	32127108 (369/s)

Associated revisions

Revision a088d550 - 03/04/2024 08:48 PM - Jim Pingle

Fix some SFP module info fields. Fixes #15112

Text format changed slightly in ifconfig, so regex patterns had to be changed to match

History

#1 - 12/23/2023 04:28 PM - Steve Wheeler

- Category changed from Interfaces to Web Interface
- Target version set to 2.8.0
- Plus Target Version set to 24.03
- Affected Architecture All added

#2 - 01/13/2024 07:51 AM - Lev Prokofev

- File clipboard-202401131150-fmqvr.png added

Can confirm this behavior since 23.01

WAN3 Interface (opt2, ix0)

Status no carrier 
MAC Address 
IPv6 Link Local 
MTU 1500
Media autoselect
Plugged SFP/SFP+/SFP28 10G Base-SR (LC)
Vendor Intel Corp PN: AFBR-703SDZ-IN2 SN: AA1127A4C2J DATE: 2011-07-11
In/out packets 0/0 (0 B/0 B)
In/out packets (pass) 0/0 (0 B/0 B)
In/out packets (block) 0/0 (0 B/0 B)
In/out errors 0/0
Collisions 0

WAN4 Interface (opt3, ix1)

Status up 
MAC Address 
IPv6 Link Local 
MTU 1500
Media 10Gbase-LR <full-duplex,rxpause,txpause>
Plugged SFP/SFP+/SFP28 10G Base-LR (LC)
Vendor BROCADE PN: 57-0000076-01 SN: M1204160289 DATE: 2011-03-02
In/out packets 3/0 (288 B/0 B)
In/out packets (pass) 3/0 (288 B/0 B)
In/out packets (block) 26/0 (3 KiB/0 B)
In/out errors 0/0
Collisions 0
Interrupts 41 (0/s)

```
[23.01-RELEASE] [root@pfSense.home.arpa]/root: ifconfig -v ix1
ix1: flags=8863<UP,BROADCAST,RUNNING,SIMPLEX,MULTICAST> metric 0 mtu 1500
    description: WAN4
    options=4e138bb<RXCSUM, TXCSUM, VLAN_MTU, VLAN_HWTAGGING, JUMBO_MTU, VLAN_HWCSUM, WOL_UCAST, WOL_MCAST,
WOL_MAGIC, VLAN_HWFILTER, RXCSUM_IPV6, TXCSUM_IPV6, NOMAP>
    ether 90:ec:77:88:ef:d2
    inet6 fe80::92ec:77ff:fe88:efd2%ix1 prefixlen 64 scopeid 0x6
    media: Ethernet autoselect (10Gbase-LR <full-duplex,rxpause,txpause>)
    status: active
    nd6 options=21<PERFORMNUD,AUTO_LINKLOCAL>
    plugged: SFP/SFP+/SFP28 10G Base-LR (LC)
    vendor: BROCADE PN: 57-0000076-01 SN: M1204160289 DATE: 2011-03-02
    module temperature: 58.78 C voltage: 3.31 Volts
    lane 1: RX power: 0.50 mW (-2.97 dBm) TX bias: 6.74 mA
[23.01-RELEASE] [root@pfSense.home.arpa]/root: ifconfig -v ix0
ix0: flags=8863<UP,BROADCAST,RUNNING,SIMPLEX,MULTICAST> metric 0 mtu 1500
    description: WAN3
    options=4e138bb<RXCSUM, TXCSUM, VLAN_MTU, VLAN_HWTAGGING, JUMBO_MTU, VLAN_HWCSUM, WOL_UCAST, WOL_MCAST,
WOL_MAGIC, VLAN_HWFILTER, RXCSUM_IPV6, TXCSUM_IPV6, NOMAP>
    ether 90:ec:77:88:ef:d1
    inet6 fe80::92ec:77ff:fe88:efd1%ix0 prefixlen 64 scopeid 0x5
    media: Ethernet autoselect
    status: no carrier
    nd6 options=21<PERFORMNUD,AUTO_LINKLOCAL>
    plugged: SFP/SFP+/SFP28 10G Base-SR (LC)
    vendor: Intel Corp PN: AFBR-703SDZ-IN2 SN: AA1127A4C2J DATE: 2011-07-11
    module temperature: 50.92 C voltage: 3.31 Volts
    lane 1: RX power: 0.00 mW (-inf dBm) TX bias: 45.83 mA
```

#3 - 03/04/2024 08:30 PM - Jim Pingle

- Assignee set to Jim Pingle

#4 - 03/04/2024 08:48 PM - Jim Pingle

- Subject changed from Regression | Show SFP module details on ``status\_interfaces.php`` to ``status\_interfaces.php`` is missing several values for SFP modules

#5 - 03/04/2024 08:55 PM - Jim Pingle

- Status changed from New to Feedback

- % Done changed from 0 to 100

Applied in changeset [a088d550a14074457c669d174a0237018a0bb4b1](#).

#6 - 03/05/2024 08:16 PM - Jim Pingle

- File clipboard-202403051514-kljnr.png added
- Status changed from Feedback to Resolved

Looks good on a current snapshot.

WAN2_10G Interface (opt1, ix0)

Status	up 
MAC Address	00:08:a2:0e:a8:2d - ADI Engineering
IPv4 Address	10.15.30.1
Subnet mask IPv4	255.255.255.0
IPv6 Link Local	fe80::208:a2ff:fe0e:a82d%ix0
MTU	1500
Media	10Gbase-SR <full-duplex,rxpause,txpause>
Plugged	SFP/SFP+/SFP28 10G Base-SR (LC)
Vendor	FS PN: SFP-10GSR-85 SN: S2010010247 DATE: 2020-10-07
Temperature	47.36 C
Voltage	3.33 Volts
RX	0.58 mW (-2.37 dBm)
TX	6.34 mA
In/out packets	39862/39862 (1.10 MiB/1.10 MiB)
In/out packets (pass)	39862/39862 (1.10 MiB/1.10 MiB)
In/out packets (block)	0/0 (0 B/0 B)
In/out errors	0/0
Collisions	0
Interrupts	59925 (3/s)

```
: ifconfig -v ix0
ix0: flags=1008843<UP,BROADCAST,RUNNING,SIMPLEX,MULTICAST,LOWER_UP> metric 0 mtu 1500
  description: WAN2_10G
  options=48138b8<VLAN_MTU,VLAN_HWTAGGING,JUMBO_MTU,VLAN_HWCSUM,WOL_UCAST,WOL_MCAST,WOL_MAGIC,VLAN_HWFILTER,
HWSTATS,MEXTPG>
  ether 00:08:a2:xx:xx:xx
  inet 10.15.30.1 netmask 0xffffffff broadcast 10.15.30.255
  inet6 fe80::208:a2ff:x:x%ix0 prefixlen 64 scopeid 0x1
  media: Ethernet autoselect (10Gbase-SR <full-duplex,rxpause,txpause>)
  status: active
  nd6 options=21<PERFORMNUD,AUTO_LINKLOCAL>
  drivername: ix0
  plugged: SFP/SFP+/SFP28 10G Base-SR (LC)
  vendor: FS PN: SFP-10GSR-85 SN: xxxx DATE: 2020-10-07
  module temperature: 47.36 C voltage: 3.33 Volts
  lane 1: RX power: 0.58 mW (-2.37 dBm) TX bias: 6.34 mA
```

Files			
clipboard-202312221002-2by4n.png	79.6 KB	12/22/2023	Chad Wagner
clipboard-202401131150-fmqvr.png	102 KB	01/13/2024	Lev Prokofev
clipboard-202403051514-kljnr.png	73.5 KB	03/05/2024	Jim Pingle