

# bge watchdog timeouts

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A RELENG\_6 box from Feb 7th is seeing a few more

```
bge0: watchdog timeout -- resetting
bge0: link state changed to DOWN
bge0: link state changed to UP
```

errors since updating from the sources a few months ago. The box does dedicated DNS resolution for clients, so it sees a lot of small packets. The load avg is not that high and does not seem to correlate with the watchdog timeouts. Any ideas what might be the cause of it ? Doesnt seem to be cables and we tried a new switch port. The NIC is onboard

```
bge0@pci4:0:0: class=0x020000 card=0x165914e4 chip=0x165914e4 rev=0x11 hdr=0x00
vendor = 'Broadcom Corporation'
device = 'BCM5750A1 NetXtreme Gigabit Ethernet PCI Express'
class = network
subclass = ethernet
```

```
bge0: <Broadcom BCM5750 B1, ASIC rev. 0x4101> mem 0xfe5f0000-0xfe5ffff irq 19 at device 0.0 on pci4
miiibus1: <MII bus> on bge0
brgphy0: <BCM5750 10/100/1000baseTX PHY> on miiibus1
brgphy0: 10baseT, 10baseT-FDX, 100baseTX, 100baseTX-FDX, 1000baseTX, 1000baseTX-FDX, auto
bge0: Ethernet address: 00:e0:81:59:2b:06
```

```
# sysctl -a dev.bge
dev.bge.0.%desc: Broadcom BCM5750 B1, ASIC rev. 0x4101
dev.bge.0.%driver: bge
dev.bge.0.%location: slot=0 function=0
dev.bge.0.%pnpinfo: vendor=0x14e4 device=0x1659 subvendor=0x14e4 subdevice=0x1659 class=0x020000
dev.bge.0.%parent: pci4
```

```
# ifconfig bge0
bge0: flags=8843<UP,BROADCAST,RUNNING,SIMPLEX,MULTICAST> mtu 1500
options=1b<RXCSUM,TXCSUM,VLAN_MTU,VLAN_HWTAGGING>
inet 192.168.24.51 netmask 0xfffff0 broadcast xxxx
ether 00:e0:81:zz:yy:xx
media: Ethernet autoselect (100baseTX <full-duplex>)
status: active
```

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cat-2948-a> (enable) sh port status 2/16

Port Name Status Vlan Level Duplex Speed Type

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2/16 res2 connected 12 normal a-full a-100 10/100BaseTX

cat-2948-a> (enable) show counters 2/16

0 rxUnicastPacketCount = 10890012  
1 txUnicastPacketCount = 10967550  
2 rxMulticastPacketCount = 0  
3 txMulticastPacketCount = 31955  
4 rxBroadcastPacketCount = 44  
5 txBroadcastPacketCount = 1652  
6 rxByteCount = 1868368457  
7 txByteCount = 1263874430  
8 pkts64 = 50883  
9 pkts65to127 = 13073899  
10 pkts128to255 = 7180007  
11 pkts256to511 = 1124664  
12 pkts512to1023 = 453655  
13 pkts1024to1522 = 8105  
14 rxNoPacketBufferCount = 0  
15 rxCRCAlignErrorPacketCount = 0  
16 rxUndersizedPacketCount = 0  
17 rxOversizedPacketCount = 0  
18 rxFragmentPacketCount = 0  
19 rxJabberPacketCount = 0  
20 pauseControlFramesRx = 0  
21 pauseControlFramesTx = 0  
22 unsupportedOpcodesRx = 0  
23 txQueueNotAvailable = 0  
24 totalCollisionCount = 0  
25 lateCollisionCount = 0  
26 singleCollisionFrames = 0  
27 multipleCollisionFrames = 0  
28 excessiveCollisionFrames = 0  
29 deferredTransmissions = 0  
30 carrierSenseErrors = 1  
31 falseCarrierDuringIdle = 0  
32 symbolErrorDuringCarrier = 0  
33 sequenceErrorDuringCarrier = 0

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## bge watchdog timeouts

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