

Re: Gateway reset on reboot (was: xnptd insane after reboot)

Source: <http://unix.derkeiler.com/Mailing-Lists/AIX-L/2005-05/0195.html>

From: Dave Stewart (*dstewart_at_AQUAFLO.COM*)

Date: 05/23/05

Date: Mon, 23 May 2005 13:14:40 -0700

To: aix-l@Princeton.EDU

On May 20, 2005, at 9:02 PM, hercom offered this insight:

> *Don't worry yourself so much... since you only removed the network
> interface
> (en0, en1, etc) the device is in a intermediate state, if you feel
> confident
> doing it, remove the device entirely (rmdev -dl ent0), put the first
> AIX CD
> on the drive, run smitty cfgmgr and set the path to /dev/cd0 (or the
> device
> name in your system).*

OK, cool. This doesn't sound so bad, but I think I'm tripping over some other problem ...

```
#rmdev -dl ent0
```

```
ent0 removed
```

```
#smitty cfgmgr (set to cdrom device found in the <F4> list)
```

```
This command returned "OK", but with the following messages:
```

```
method error (/etc/methods/cfgrcon -l rcon0):
```

```
0514-038 error loading kernel extension
```

Trying to reconfigure the network interfaces (smitty tcpip -> minimum configuration & startup) gives the same errors as before (see below).

I did notice that my production server does not have any device named "rcon0" and I have no idea what this is (although it has the same files in /etc/methods in both machines, including cfgrcon). Anyone? How do I make it go away (assuming I don't really want it - I might if I knew what in blazes it was!)

> *As with any major change, a full backup of the system
> could be handy if something goes wrong....*

This sounded reasonable enough, so I gave it a whirl (even though the

AIX-L: Re: Gateway reset on reboot (was: xnptd insane after reboot)

machine is "messed up"). Unfortunately, all I get is failure about too many simlinks to resolve and a link in /usr/lib/methods/chgfcpararray *THAT POINTS TO ITSELF*. Removing that link and rerunning gives the same result (so I think it's "smitty savevg" that's creating the link).

I'm starting to think this machine hates me ...
;-)

```
>
> ent0 <-- Adapter
> /
> |-en0 <-- Ethernet interface
> /
> |-et0 <-- 802.XX interface
>
>
> -----Original Message-----
> From: IBM AIX Discussion List [mailto:aix-l@Princeton.EDU] On Behalf
> Of Dave
> Stewart
> Sent: Thursday, May 19, 2005 7:25 PM
> To: aix-l@Princeton.EDU
> Subject: Re: Gateway reset on reboot (was: xnptd insane after reboot)
>
> On May 18, 2005, at 9:04 PM, hercom offered this insight:
>
>> I had a similar issue... I had to flush the table and remove all the
>> network
>> interfaces (smitty-further configuration), cfgmgr and put the values
>> again.
>
> Oh oh, now I've done it. :-(
>
> I thought this sounded good, so I:
>
> 1. flushed the routing tables
> 2. smitty tcpip -> further configuration -> network interfaces ->
> network interface selection -> remove a network interface (done for all
> network interfaces; trying to blast out the old gateway value that just
> won't die).
> 3. cfgmgr
> 4. try to reconfigure the interfaces with smitty tcpip -> minimum
> configuration & startup ...
>
> Here's the output that smitty is giving me (note this isn't good):
>
> en2
> rusty
> inet0 changed
> method error (/usr/lib/methods/chgif):
> 0514-068 cause not known
```

Re: Gateway reset on reboot (was: xnptd insane after reboot)

AIX-L: Re: Gateway reset on reboot (was: xnptd insane after reboot)

- > 0821-510 ifconfig: error calling entry point /usr/lib/drivers/if_en:
- > the specified device does not exist
- > 0821-002 chgif: getting records from CuAt
- > 0821-007 chgif: ifconfig command failed
- > the status of "en2" interface in the current running system is
- > uncertain
- > 0821-223 chgif: can not get records from CuAt
- > 0821-510 ifconfig: error calling entry point /usr/lib/drivers/if_en:
- > the specified device does not exist
- > 0821-223 chgif: can not get records from CuAt
- > 0821-229 chgif: ifconfig command failed
- > the status of "en2" interface in the current running system is
- > uncertain
- > mktcpip: problem with command chdev:
- > return code = 1

Dave Stewart
Aqua~Flo Supply (Goleta CA)
dstewart at aquaflo dot com

No trees were harmed during the production of this email,
but a large number of electrons were terribly inconvenienced ...