

Re: proxy arp on 6.1

Source: <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/net/2007-10/msg00224.html>

- *From:* Stephen Clark <Stephen.Clark@xxxxxxxxxxx>
 - *Date:* Thu, 25 Oct 2007 11:06:38 -0400
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Stephen Clark wrote:

Hello List,

I must be doing something wrong. I can't seem to get proxy arp to work. Is there some magic.

```
I have the following setup isp router 205.x.x.1 <-> 205.x.x.100/25 r11 freebsd vr0
205.x.x.129/25
<-> 205.x.x.193/25
arp -an
(205.x.x.1) at 00:13:7f:5a:b5:50 on r11 [ethernet]
(205.x.x.193) at 00:30:18:a3:44:2d on vr0 permanent published (proxy only) [ethernet]
```

```
tcpdump
13:09:51.386793 arp who-has 205.x.x.193 tell 205.x.x.1
```

but there is no arp-reply from freebsd.

```
r11: flags=8843<UP,BROADCAST,RUNNING,SIMPLEX,MULTICAST> mtu 1500
options=8<VLAN_MTU>
inet 205.x.x.100 netmask 0xfffff80 broadcast 205.x.x.127
ether 00:30:18:a3:47:a4
media: Ethernet autoselect (100baseTX <full-duplex>)
status: active
```

Hi List,

I am looking at `if_ether.c` on current 6.2 and it looks to me like `net.link.ether.inet.proxyall` has to be set to 1 for proxy arp to work. Am I reading this correctly? If so this is misleading based on the description of this `sysctl` in `man 4 arp`.

Also is anybody using proxy arp?

Re: proxy arp on 6.1

Thanks,
Steve

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"They that give up essential liberty to obtain temporary safety, deserve neither liberty nor safety." (Ben Franklin)

"The course of history shows that as a government grows, liberty decreases." (Thomas Jefferson)

freebsd-net@xxxxxxxxxxx mailing list

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