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Subject: Re: arpsend problems

Posted by [pege](#) on Mon, 17 Nov 2008 18:14:30 GMT

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Here they are, public addresses end masked, .XX is the problematic one.

hwnode1:~# ip a l

```
2: lo: <LOOPBACK,UP,10000> mtu 16436 qdisc noqueue
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
    inet6 ::1/128 scope host
        valid_lft forever preferred_lft forever
4: eth0: <BROADCAST,MULTICAST,UP,10000> mtu 1500 qdisc pfifo_fast qlen 1000
    link/ether 00:1d:09:71:31:1a brd ff:ff:ff:ff:ff:ff
    inet 83.150.87.YY/24 brd 83.150.87.255 scope global eth0
    inet 10.2.1.100/32 scope global eth0
    inet 10.10.1.154/32 scope global eth0
    inet 83.150.87.XX/32 scope global eth0
    inet 10.10.1.10/32 scope global eth0
    inet 83.150.87.ZZ/24 brd 83.150.87.255 scope global secondary eth0:0
    inet6 fe80::21d:9ff:fe71:311a/64 scope link
        valid_lft forever preferred_lft forever
6: eth1: <BROADCAST,MULTICAST,UP,10000> mtu 1500 qdisc pfifo_fast qlen 1000
    link/ether 00:1d:09:71:31:18 brd ff:ff:ff:ff:ff:ff
    inet 10.10.1.1/24 brd 10.10.1.255 scope global eth1
    inet 10.10.1.11/24 brd 10.10.1.255 scope global secondary eth1:0
    inet6 fe80::21d:9ff:fe71:3118/64 scope link
        valid_lft forever preferred_lft forever
8: sit0: <NOARP> mtu 1480 qdisc noop
    link/sit 0.0.0.0 brd 0.0.0.0
1: venet0: <BROADCAST,POINTOPOINT,NOARP,UP,10000> mtu 1500 qdisc noqueue
    link/void
```

hwnode1:~# ip rule l

```
0: from all lookup 255
32766: from all lookup main
32767: from all lookup default
```

hwnode1:~# ip r l table all

```
EXTERNAL_VPN_ENDPOINT_1 via 83.150.87.254 dev eth0 src 83.150.87.XX
10.10.1.110 dev venet0 scope link
10.10.1.111 dev venet0 scope link
EXTERNAL_VPN_ENDPOINT_2 via 83.150.87.254 dev eth0 src 83.150.87.XX
10.10.1.109 dev venet0 scope link
10.10.1.115 dev venet0 scope link
10.10.1.112 dev venet0 scope link
```

```

EXTERNAL_VPN_ENDPOINT_3 via 83.150.87.254 dev eth0 src 10.10.1.1
10.10.1.102 dev venet0 scope link
10.10.1.103 dev venet0 scope link
10.10.1.101 dev venet0 scope link
83.150.87.0/24 dev eth0 proto kernel scope link src 83.150.87.YY
10.10.1.0/24 dev eth1 proto kernel scope link src 10.10.1.1
default via 83.150.87.254 dev eth0
local 83.150.87.XX dev eth0 table 255 proto kernel scope host src 83.150.87.XX
broadcast 10.10.1.255 dev eth1 table 255 proto kernel scope link src 10.10.1.1
broadcast 127.255.255.255 dev lo table 255 proto kernel scope link src 127.0.0.1
local 10.10.1.11 dev eth1 table 255 proto kernel scope host src 10.10.1.1
local 10.10.1.10 dev eth0 table 255 proto kernel scope host src 10.10.1.10
local 83.150.87.ZZ dev eth0 table 255 proto kernel scope host src 83.150.87.YY
local 10.10.1.154 dev eth0 table 255 proto kernel scope host src 10.10.1.154
local 10.10.1.1 dev eth1 table 255 proto kernel scope host src 10.10.1.1
broadcast 83.150.87.255 dev eth0 table 255 proto kernel scope link src 83.150.87.YY
local 83.150.87.YY dev eth0 table 255 proto kernel scope host src 83.150.87.YY
local 10.2.1.100 dev eth0 table 255 proto kernel scope host src 10.2.1.100
broadcast 127.0.0.0 dev lo table 255 proto kernel scope link src 127.0.0.1
local 127.0.0.1 dev lo table 255 proto kernel scope host src 127.0.0.1
local 127.0.0.0/8 dev lo table 255 proto kernel scope host src 127.0.0.1
local ::1 via :: dev lo proto none metric 0 mtu 16436 advmss 16376 hoplimit 4294967295
local fe80::21d:9ff:fe71:3118 via :: dev lo proto none metric 0 mtu 16436 advmss 16376 hoplimit
4294967295
local fe80::21d:9ff:fe71:311a via :: dev lo proto none metric 0 mtu 16436 advmss 16376 hoplimit
4294967295
fe80::/64 dev eth0 metric 256 expires 1339630sec mtu 1500 advmss 1440 hoplimit 4294967295
fe80::/64 dev eth1 metric 256 expires 1339630sec mtu 1500 advmss 1440 hoplimit 4294967295
ff00::/8 dev eth0 metric 256 expires 1339630sec mtu 1500 advmss 1440 hoplimit 4294967295
ff00::/8 dev eth1 metric 256 expires 1339630sec mtu 1500 advmss 1440 hoplimit 4294967295
unreachable default dev lo proto none metric -1 error -101 hoplimit 255

```

```
hwnode1:~# arp -n -v
```

Address	HWtype	HWaddress	Flags	Mask	Iface
10.10.1.151	ether	00:1D:09:70:BF:92	C		eth1
10.10.1.203	ether	00:1D:09:71:30:6E	C		eth1
10.10.1.201	ether	00:1D:09:71:30:6E	C		eth1
10.10.1.152	ether	00:1D:09:70:BF:92	C		eth1
10.10.1.209	ether	00:1D:09:71:30:6E	C		eth1
10.10.1.153	ether	00:1D:09:70:BF:92	C		eth1
10.10.1.202	ether	00:1D:09:71:30:6E	C		eth1
10.10.1.159	ether	00:1D:09:70:BF:92	C		eth1
10.10.1.3	ether	00:1D:09:71:30:6E	C		eth1
10.10.1.2	ether	00:1D:09:70:BF:92	C		eth1
83.150.87.254	ether	00:15:C7:21:75:40	C		eth0
10.10.1.103	*	<from_interface>	MP		eth1
10.10.1.102	*	<from_interface>	MP		eth1
10.10.1.115	*	<from_interface>	MP		eth1

```
10.10.1.112      *    <from_interface>  MP      eth1
10.10.1.111      *    <from_interface>  MP      eth1
10.10.1.110      *    <from_interface>  MP      eth1
10.10.1.109      *    <from_interface>  MP      eth1
```

Entries: 18 Skipped: 0 Found: 18

hwnode1:~# ip neigh show

```
10.10.1.151 dev eth1 lladdr 00:1d:09:70:bf:92 STALE
10.10.1.203 dev eth1 lladdr 00:1d:09:71:30:6e STALE
10.10.1.201 dev eth1 lladdr 00:1d:09:71:30:6e REACHABLE
10.10.1.152 dev eth1 lladdr 00:1d:09:70:bf:92 STALE
10.10.1.209 dev eth1 lladdr 00:1d:09:71:30:6e STALE
10.10.1.153 dev eth1 lladdr 00:1d:09:70:bf:92 STALE
10.10.1.202 dev eth1 lladdr 00:1d:09:71:30:6e STALE
10.10.1.159 dev eth1 lladdr 00:1d:09:70:bf:92 STALE
10.10.1.3 dev eth1 lladdr 00:1d:09:71:30:6e DELAY
10.10.1.2 dev eth1 lladdr 00:1d:09:70:bf:92 REACHABLE
83.150.87.254 dev eth0 lladdr 00:15:c7:21:75:40 DELAY
```

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