Posted by eMax on Mon, 23 Jul 2007 10:15:42 GMT
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ifconfig
eth1 Link encap:Ethernet HWaddr 00:00:00:00:00:03
inet addr:a.b.c.98 Bcast:a.b.c.111 Mask:255.255.255.240
UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1
RX packets:90082 errors:0 dropped:0 overruns:0 frame:0
TX packets:2424 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:100
RX bytes:6803187 (6.4 MiB) TX bytes:209890 (204.9 KiB)
Base address:0x3000 Memory:b8920000-b8940000

lo Link encap:Local Loopback
inet addr:127.0.0.1 Mask:255.0.0.0
UP LOOPBACK RUNNING MTU:16436 Metric:1
RX packets:10 errors:0 dropped:0 overruns:0 frame:0
TX packets:10 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:0
RX bytes:1356 (1.3 KiB) TX bytes:1356 (1.3 KiB)

venet0 Link encap:UNSPEC HWaddr 00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00
inet addr:127.0.0.1 P-t-P:127.0.0.1 Bcast:0.0.0.0 Mask:255.255.255.255
UP BROADCAST POINTOPOINT RUNNING NOARP MTU:1500 Metric:1
RX packets:1395 errors:0 dropped:0 overruns:0 frame:0
TX packets:1429 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:0
RX bytes:76831 (75.0 KiB) TX bytes:438334 (428.0 KiB)

venet0:0 Link encap:UNSPEC HWaddr 00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00
inet addr:172.16.0.2 P-t-P:172.16.0.2 Bcast:172.16.0.2 Mask:255.255.255.255

UP BROADCAST POINTOPOINT RUNNING NOARP MTU:1500 Metric:1

route
Kernel IP routing table
Destination Gateway Genmask Flags Metric Ref Use Iface
a.b.c.96 * 255.255.255.240 U 0 0 0 eth1
172.16.0.0 * 255.255.255.0 U 0 0 0 venet0
192.0.2.0 * 255.255.255.0 U 0 0 0 venet0
169.254.0.0 * 255.255.0.0 U 0 0 0 venet0
default a.b.c.97 0.0.0.0 UG 0 0 0 eth1

iptables -t nat -A PREROUTING -p tcp -d a.b.c.98 --dport 3389 -i eth1 -j DNAT --to-destination 172.16.0.x:3389
iptables -t nat -A POSTROUTING -s 172.16.0.2 -o eth1 -j SNAT --to a.b.c.98

tcpdump -vv

tcpdump: WARNING: arptype 65535 not supported by libpcap - falling back to cooked socket
tcpdump: listening on venet0, link-type LINUX_SLL (Linux cooked), capture size 96 bytes
12:51:02.945767 IP (tos 0x0, ttl 114, id 50348, offset 0, flags [DF], proto 6, length: 48)
195.90.159.66.2886 > 172.16.0.x.3389: S [tcp sum ok] 319135398:319135398(0) win 64240
12:51:05.915276 IP (tos 0x0, ttl 114, id 51298, offset 0, flags [DF], proto 6, length: 48)
195.90.159.66.2886 > 172.16.0.x.3389: S [tcp sum ok] 319135398:319135398(0) win 64240
12:51:11.951111 IP (tos 0x0, ttl 114, id 53196, offset 0, flags [DF], proto 6, length: 48)
195.90.159.66.2886 > 172.16.0.x.3389: S [tcp sum ok] 319135398:319135398(0) win 64240