Subject: Help please with vlan
Posted by sasha181 on Wed, 30 Jun 2010 06:13:11 GMT
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The host machine is CentOS 5
In one network goes vlan-2 and with the numbers 11 (192.168.1.0/29) and 17 (192.168.2.128/28)
And each vlan its own address of the router and use a default route fails.
When set up had to distort the way:
1. The route started by default 192.168.1.1
2. And for the second vlan in

/etc/iproute2/rt_tables added
201 vlan17

and /etc/sysconfig/network-scripts/route-eth0.17 prescribed here is
192.168.1.2.128/28 dev eth0.17 table vlan17
default via 192.168.1.2.129 table vlan17

With this config, the host machine for both addresses ping ok
But virtualki on the 17th when you create a vlan not ping from vneshki. But if they start to ping rebutnut and pinganut with the host machine. But not for long. After some time again to fall off.
And each start virtualki waddle this error
arpsend: 192.168.1.4 is detected on another computer : 00:11:20:f9:b7:01
vps-net_add WARNING: arpsend -c 1 -w 1 -D -e 192.168.1.4 eth0.17 FAILED

[root@server3 ~]# ip route list table all
192.168.2.128/28 dev eth0.17 table vlan17 scope link
default via 192.168.2.129 dev eth0.17 table vlan17
192.168.2.133 dev venet0 scope link
192.168.2.132 dev venet0 scope link
192.168.2.131 dev venet0 scope link
192.168.1.4 dev venet0 scope link
192.168.1.5 dev venet0 scope link
192.168.1.6 dev venet0 scope link
192.168.1.0/29 dev eth0.11 proto kernel scope link src 192.168.1.3
192.168.2.128/28 dev eth0.17 proto kernel scope link src 192.168.2.130
169.254.0.0/16 dev eth0.17 scope link
default via 192.168.1.1 dev eth0.11
broadcast 192.168.1.0 dev eth0.11 table 255 proto kernel scope link src 192.168.1.3
broadcast 127.255.255.255 dev lo table 255 proto kernel scope link src 127.0.0.1
local 192.168.1.3 dev eth0.11 table 255 proto kernel scope host src 192.168.1.3
local 192.168.2.130 dev eth0.17 table 255 proto kernel scope host src 192.168.2.130
broadcast 192.168.2.128 dev eth0.17 table 255 proto kernel scope link src 192.168.2.130
broadcast 192.168.1.7 dev eth0.11 table 255 proto kernel scope link src 192.168.1.3
broadcast 192.168.2.143 dev eth0.17 table 255 proto kernel scope link src 192.168.2.130
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
unreachable ::/96 dev lo metric 1024 expires 21333952sec error -101 mtu 16436 advmss 16376 hoplimit 4294967295
unreachable ::ffff:0.0.0.0/96 dev lo metric 1024 expires 21333952sec error -101 mtu 16436 advmss 16376 hoplimit 4294967295
unreachable 2002:a00::/24 dev lo metric 1024 expires 21333952sec error -101 mtu 16436 advmss 16376 hoplimit 4294967295
unreachable 2002:7f00::/24 dev lo metric 1024 expires 21333952sec error -101 mtu 16436 advmss 16376 hoplimit 4294967295
unreachable 2002:a9fe::/32 dev lo metric 1024 expires 21333952sec error -101 mtu 16436 advmss 16376 hoplimit 4294967295
unreachable 2002:ac10::/28 dev lo metric 1024 expires 21333952sec error -101 mtu 16436 advmss 16376 hoplimit 4294967295
unreachable 2002:c0a8::/32 dev lo metric 1024 expires 21333952sec error -101 mtu 16436 advmss 16376 hoplimit 4294967295
unreachable 2002:e000::/19 dev lo metric 1024 expires 21333952sec error -101 mtu 16436 advmss 16376 hoplimit 4294967295
unreachable 3ffe:ffff::/32 dev lo metric 1024 expires 21333952sec error -101 mtu 16436 advmss 16376 hoplimit 4294967295
fe80::/64 dev eth0 metric 256 expires 21333946sec mtu 1500 advmss 1440 hoplimit 4294967295
fe80::/64 dev eth0.11 metric 256 expires 21333946sec mtu 1500 advmss 1440 hoplimit 4294967295
fe80::/64 dev eth0.17 metric 256 expires 21333948sec mtu 1500 advmss 1440 hoplimit 4294967295
unreachable default dev lo table unspec proto none metric -1 error -101 hoplimit 255
local ::1 via :: dev lo table 255 proto none metric 0 mtu 16436 advmss 16376 hoplimit 4294967295
local fe80::215:17ff:fe4e:e004 via :: dev lo table 255 proto none metric 0 mtu 16436 advmss 16376 hoplimit 4294967295
local fe80::215:17ff:fe4e:e004 via :: dev lo table 255 proto none metric 0 mtu 16436 advmss 16376 hoplimit 4294967295
local fe80::215:17ff:fe4e:e004 via :: dev lo table 255 proto none metric 0 mtu 16436 advmss 16376 hoplimit 4294967295
ff00::/8 dev eth0 table 255 metric 256 expires 21333946sec mtu 1500 advmss 1440 hoplimit 4294967295
ff00::/8 dev eth0.11 table 255 metric 256 expires 21333946sec mtu 1500 advmss 1440 hoplimit 4294967295
ff00::/8 dev eth0.17 table 255 metric 256 expires 21333948sec mtu 1500 advmss 1440 hoplimit 4294967295
unreachable default dev lo table unspec proto none metric -1 error -101 hoplimit 255

[root@server3 ~]# iptables -t nat -L && iptables -t filter -L && iptables -t mangle -L
Chain PREROUTING (policy ACCEPT)
target   prot opt source   destination

Chain POSTROUTING (policy ACCEPT)

target prot opt source destination

Chain OUTPUT (policy ACCEPT)
target prot opt source destination
Chain INPUT (policy ACCEPT)
target prot opt source destination

Chain FORWARD (policy ACCEPT)
target prot opt source destination

Chain OUTPUT (policy ACCEPT)
target prot opt source destination
Chain PREROUTING (policy ACCEPT)
target prot opt source destination

Chain INPUT (policy ACCEPT)
target prot opt source destination

Chain FORWARD (policy ACCEPT)
target prot opt source destination

Chain OUTPUT (policy ACCEPT)
target prot opt source destination

Chain POSTROUTING (policy ACCEPT)
target prot opt source destination

ip unreachable

[root@server3 ~]# tcpdump -i eth0 -e host 192.168.2.134
tcpdump: WARNING: eth0: no IPv4 address assigned
tcpdump: verbose output suppressed, use -v or -vv for full protocol decode
listening on eth0, link-type EN10MB (Ethernet), capture size 96 bytes
10:09:34.358979 00:15:17:4e:e0:04 (oui Unknown) > 00:11:20:f9:b7:01 (oui Unknown), ethertype IPv4 (0x0800), length 66: 192.168.2.134.54250 > 85.175.46.130.domain: 64095+ AAAA? bitrix. (24)
10:09:39.359224 00:15:17:4e:e0:04 (oui Unknown) > 00:11:20:f9:b7:01 (oui Unknown), ethertype IPv4 (0x0800), length 66: 192.168.2.134.54277 > 85.175.46.122.domain: 64095+ AAAA? bitrix. (24)
10:09:42.359912 00:15:17:4e:e0:04 (oui Unknown) > 00:11:20:f9:b7:01 (oui Unknown), ethertype IPv4 (0x0800), length 66: 192.168.2.134.53972 > google-public-dns-a.google.com.domain: 64095+ AAAA? bitrix. (24)

available ip

[root@server3 ~]# tcpdump -i eth0 -e host 192.168.2.133
tcpdump: WARNING: eth0: no IPv4 address assigned
tcpdump: verbose output suppressed, use -v or -vv for full protocol decode
listening on eth0, link-type EN10MB (Ethernet), capture size 96 bytes
10:11:01.719433 00:15:17:4e:e0:04 (oui Unknown) > 00:11:20:f9:b7:01 (oui Unknown), ethertype IPv4 (0x0800), length 66: 192.168.2.133.57559 > 85.175.46.130.domain: 38799+ AAAA? bitrix. (24)
10:11:01.778087 00:15:17:4e:e0:04 (oui Unknown) > 00:11:20:f9:b7:01 (oui Unknown), ethertype IPv4 (0x0800), length 66: 192.168.2.133.58662 > 85.175.46.130.domain: 4630+ AAAA? bitrix. (24)
10:11:01.971840 00:15:17:4e:e0:04 (oui Unknown) > 00:11:20:f9:b7:01 (oui Unknown), ethertype IPv4 (0x0800), length 74: 192.168.2.133 > 178.34.189.14: ICMP echo reply, id 1024, seq 54528, length 40
10:11:02.971196 00:15:17:4e:e0:04 (oui Unknown) > 00:11:20:f9:b7:01 (oui Unknown), ethertype IPv4 (0x0800), length 74: 192.168.2.133 > 178.34.189.14: ICMP echo reply, id 1024, seq 54784, length 40

I think my case is solved with vlan otherwise. And hence the problem emerged.
Help please.

Subject: Re: Help please with vlan
Posted by maratrus on Fri, 02 Jul 2010 14:26:07 GMT
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Hello,

sorry but I had some difficulties to understand your post.

Nevertheless, I'd like to make some notes:

- here is a very useful article which may be used when configuring VLANs.
http://en.gentoo-wiki.com/wiki/OpenVZ_VLAN

-
Quote:
arpsend: 192.168.1.4 is detected on another computer : 00:11:20:f9:b7:01
vps-net_add WARNING: arpsend -c 1 -w 1 -D -e 192.168.1.4 eth0.17 FAILED

Isn't this message clear? There is another computer 00:11:20:f9:b7:01 which has this ip address.

-
Quote:
After some time again to fall off.

It seems that information which is intended to be distributed via arpsend becomes out of date.