Subject: network speed issue
Posted by scottcase007 on Wed, 02 Feb 2011 22:49:25 GMT
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Hello

I am having major issues with network speed that i can not figure out

When i log into the node with the openvz kernel the download rate is terrible, the server has a 100mb uplink port

[root@apolo ~]# uname -a
Linux apolo.tisolutions.com 2.6.18-194.26.1.el5.028stab079.2 #1 SMP Fri Dec 17 19:25:15 MSK 2010 x86_64 x86_64 x86_64 GNU/Linux

[root@apolo ~]# wget htt p://speedtest.dal01.softlayer.com/downloads/test100.zip
--2011-02-02 12:53:33-- ht tp://speedtest.dal01.softlayer.com/downloads/test100.zip
Resolving speedtest.dal01.softlayer.com... 74.86.116.210
Connecting to speedtest.dal01.softlayer.com|74.86.116.210|:80... connected.
HTTP request sent, awaiting response... 200 OK
Length: 104874307 (100M) [application/zip]
Saving to: `test100.zip'

100%[==========>] 104,874,307 972K/s in 1m 48s

2011-02-02 12:55:22 (944 KB/s) - `test100.zip' saved [104874307/104874307]

[root@apolo ~]#

Now when i log into the default centos kernel network speed is fine

[root@apolo ~]# uname -a
Linux apolo.tisolutions.com 2.6.18-194.32.1.el5 #1 SMP Wed Jan 5 17:52:25 EST 2011 x86_64 x86_64 x86_64 GNU/Linux
[root@apolo ~]#

[root@apolo ~]# wget h ttp://speedtest.dal01.softlayer.com/downloads/test100.zip
--2011-02-02 13:01:54-- h ttp://speedtest.dal01.softlayer.com/downloads/test100.zip
Resolving speedtest.dal01.softlayer.com... 74.86.116.210
Connecting to speedtest.dal01.softlayer.com|74.86.116.210|:80... connected.
HTTP request sent, awaiting response... 200 OK
Length: 104874307 (100M) [application/zip]
Saving to: `test100.zip.1'

100%[==========>] 104,874,307 11.2M/s in 9.8s

2011-02-02 13:02:04 (10.2 MB/s) - `test100.zip' saved [104874307/104874307]

[root@apolo ~]#

from dmesg:

ip_tables: (C) 2000-2006 Netfilter Core Team
Netfilter messages via NETLINK v0.30.
ip_conntrack version 2.4 (8192 buckets, 65536 max) - 312 bytes per conntrack
NET: Registered protocol family 10
IPv6 over IPv4 tunneling driver
ADDRCONF(NETDEV_UP): eth0: link is not ready
e1000e: eth0 NIC Link is Up 100 Mbps Full Duplex, Flow Control: None
eth0: 10/100 speed: disabling TSO
ADDRCONF(NETDEV_CHANGE): eth0: link becomes ready

[root@apolo ~]# mii-tool eth0
SIOCGMIIREG on eth0 failed: Input/output error
eth0: negotiated 100baseTx-FD, link ok

[root@apolo ~]# cat /etc/sysconfig/network-scripts/ifcfg-eth0
# Intel Corporation 80003ES2LAN Gigabit Ethernet Controller (Copper)
DEVICE=eth0
BOOTPROTO=none
HWADDR=00:30:48:61:0b:1e
ONBOOT=yes
NETMASK=255.255.254.0
IPADDR=209.160.20.50
GATEWAY=209.160.20.1
TYPE=Ethernet

[root@apolo ~]# cat /etc/modprobe.conf
alias eth0 e1000e
alias eth1 e1000e
alias scsi_hostadapter ata_piix

[root@apolo ~]# modinfo e1000e | head -n 2
filename: /lib/modules/2.6.18-194.26.1.el5.028stab079.2/kernel/drivers/net/e1000e/e1000e.ko
version: 1.0.2-k3.1