
Subject: *SOLVED* apt-proxy/approx does not work under VE
Posted by [ggonzalez](#) on Thu, 23 Aug 2007 19:08:45 GMT
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I have created a VE, and configured it with a veth interface (eth0).

with /etc/apt/sources.list:
deb http://ftp.debian.org/debian etch main

I can do 'aptitude update' on this VE. Everything works fine here. No problem to go thru out to the net.

With this configuration, I do:

aptitude install approx

Then, I configure 'approx' appropriately. I have 'approx' working on another 'real' machine.

I changed my /etc/apt/sources.list to us approx:
deb http://ftp.debian.org/debian etch main
deb http://debianmirror:8888/debian etch main

and try:
aptitude update

and now I get:

```
infravs05:~# aptitude update
Ign http://debianmirror etch Release.gpg
Ign http://debianmirror etch Release
Ign http://debianmirror etch/main Packages
Err http://debianmirror etch/main Packages
  404 Not Found
Des:1 http://ftp.debian.org etch Release.gpg [378B]
Obj http://ftp.debian.org etch Release
Ign http://ftp.debian.org etch/main Packages/DiffIndex
Obj http://ftp.debian.org etch/main Packages
Descargados 1B en 1s (1B/s).
Leyendo lista de paquetes... Hecho
W: No se puede leer la lista de paquetes fuente http://debianmirror etch/main Packages
(/var/lib/apt/lists/debianmirror:8888_debian_dists_etch_main_binary-i386_Packages) - stat (2 file
or directory does not exist)
W: Maybe you want to execute 'apt-get update' to fix these problems
-----
```

debianmirror is an alias to infravs05. I have even tried changing this entry to infravs05. Same error.

infravs05:~# ifconfig

eth0 Link encap:Ethernet HWaddr 00:0C:29:DF:D9:82
inet addr:10.0.0.245 Bcast:0.0.0.0 Mask:255.255.255.255
UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1
RX packets:868 errors:0 dropped:0 overruns:0 frame:0
TX packets:603 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:0
RX bytes:67184 (65.6 KiB) TX bytes:84375 (82.3 KiB)

lo Link encap:Local Loopback
inet addr:127.0.0.1 Mask:255.0.0.0
inet6 addr: ::1/128 Scope:Host
UP LOOPBACK RUNNING MTU:16436 Metric:1
RX packets:0 errors:0 dropped:0 overruns:0 frame:0
TX packets:0 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:0
RX bytes:0 (0.0 b) TX bytes:0 (0.0 b)

infravs05:~# netstat -nr

Kernel IP routing table

Destination	Gateway	Genmask	Flags	MSS Window	irtt	Iface
0.0.0.0	0.0.0.0	0.0.0.0	U	0 0		eth0

infravs05:~# netstat -na

Active Internet connections (servers and established)

Proto	Recv-Q	Send-Q	Local Address	Foreign Address	State
tcp	0	0	0.0.0.0:8888	0.0.0.0:*	LISTEN
tcp6	0	0	:::22	:::*	LISTEN
tcp6	0	0	::ffff:10.0.0.245:22	::ffff:10.0.0.231:47407	ESTABLISHED
udp	0	0	10.0.0.245:123	0.0.0.0:*	
udp	0	0	127.0.0.1:123	0.0.0.0:*	
udp	0	0	0.0.0.0:123	0.0.0.0:*	
udp6	0	0	:::1:123	:::*	
udp6	0	0	:::123	:::*	

Active UNIX domain sockets (servers and established)

Proto	RefCnt	Flags	Type	State	I-Node	Path
unix	5	[]	DGRAM		434116	/dev/log
unix	2	[]	DGRAM		434213	
unix	2	[]	DGRAM		434142	
unix	2	[]	DGRAM		434130	

/var/log/daemon.log shows:

Aug 23 14:31:56 infravs05 approx: Connection from 10.0.0.245:42322
Aug 23 14:31:56 infravs05 approx: Request /debian/dists/etch/Release.gpg
Aug 23 14:31:56 infravs05 approx: Host: debianmirror:8888
Aug 23 14:31:56 infravs05 approx: Connection: keep-alive
Aug 23 14:31:56 infravs05 approx: User-Agent: Debian APT-HTTP/1.3
Aug 23 14:31:56 infravs05 approx: http://ftp.debian.org/debian/dists/etch/Release.gpg

```
Aug 23 14:31:56 infravs05 approx: Command: /usr/bin/curl --fail --silent --location --include
"http://ftp.debian.org/debian/dists/etch/Release.gpg"
Aug 23 14:31:56 infravs05 approx: Download failed
Aug 23 14:31:56 infravs05 approx: Connection from 10.0.0.245:42322
Aug 23 14:31:56 infravs05 approx: Request /debian/dists/etch/Release
Aug 23 14:31:56 infravs05 approx: Host: debianmirror:8888
Aug 23 14:31:56 infravs05 approx: Connection: keep-alive
Aug 23 14:31:56 infravs05 approx: User-Agent: Debian APT-HTTP/1.3
Aug 23 14:31:56 infravs05 approx: Command: /usr/bin/curl --fail --silent --location --remote-time
--output debian/dists/etch/Release.gpg.tmp "http://ftp.debian.org/debian/dists/etch/Release.gpg"
Aug 23 14:31:56 infravs05 approx: Cannot download
http://ftp.debian.org/debian/dists/etch/Release.gpg
Aug 23 14:31:56 infravs05 approx: http://ftp.debian.org/debian/dists/etch/Release
Aug 23 14:31:56 infravs05 approx: Command: /usr/bin/curl --fail --silent --location --include
"http://ftp.debian.org/debian/dists/etch/Release"
Aug 23 14:31:56 infravs05 approx: Download failed
-----
```

Given that 'aptitude' works fine when told to go directly to the internet mirrors, but does not work when told to go thru the 'approx' proxy, I tend to believe that this is a problem that is somehow related to the way I have my VE configured with regards to the veth, or an incompatibility of approx with VZ.

I also tried this same scenario with apt-proxy, instead of approx. Same results.

Thanks for any help.

Gustavo.

Subject: Re: apt-proxy/approx does not work under VE
Posted by [ggonzalez](#) on Fri, 24 Aug 2007 20:46:35 GMT
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I forgot to mention my environment:

Kernel: 2.6.18-ovz028stab039.1-enterprise #1 SMP

and that I have drbd installed:

```
infrahn01:~# cat /proc/drbd
version: 8.0.4 (api:86/proto:86)
SVN Revision: 2947 build by phil@mescal, 2007-06-27 14:17:06
0: cs:Connected st:Primary/Secondary ds:UpToDate/UpToDate C r---
   ns:2192438 nr:0 dw:1139766 dr:1158697 al:351 bm:274 lo:0 pe:0 ua:0 ap:0
   resync: used:0/31 hits:65655 misses:137 starving:0 dirty:0 changed:137
   act_log: used:0/257 hits:1139415 misses:394 starving:0 dirty:43 changed:351
```

and that /vz is mounted on the drbd disk that gets replicated to another hn (standby node).

So, all VEs are sitting on this replicated filesystem.

Any help is appreciated.

Gustavo.

Subject: Re: apt-proxy/approx does not work under VE
Posted by [ggonzalez](#) on Thu, 30 Aug 2007 18:22:49 GMT

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Was my post too complicated?

Was I clear in explaining the problem?

Does anybody have a clue on what could be wrong in the VE configuration that prevents tools like apt-proxy and approx to work?

Thanks and regards,
Gustavo.

Subject: Re: apt-proxy/approx does not work under VE
Posted by [ggonzalez](#) on Wed, 05 Sep 2007 13:08:41 GMT

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Is somebody in this forum using apt-proxy or approx in a VE?

Subject: Re: apt-proxy/approx does not work under VE
Posted by [ggonzalez](#) on Wed, 05 Sep 2007 18:10:39 GMT

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This issue was resolved like this:

ve: chmod 755 /

For some reason, the root dir of the VE was with 700 permission mode.

Regards,
Gustavo
