Subject: bringing up CTs with duplicate IP addresses
Posted by swindmill on Wed, 02 Apr 2008 15:26:15 GMT

It has come to my attention that if the mistake is made to attempt to bring up a CT with an IP address that is already being used elsewhere the following message is displayed:

Adding IP address(es): x.x.x.x
arpsend: x.x.x.x is detected on another computer : 00:MA:CA:DD:RE:SS
vps-net_add WARNING: arpsend -c 1 -w 1 -D -e x.x.x.x eth0 FAILED

The CT is then started, and the IP address in question is still assigned.

The network is available from inside of the newly started CT, but obviously the external network is confused.

Should vzctl instead fail and not start the CT if this error is detected?

vzctl version 3.0.22
2.6.18-53.1.6.el5.028stab053.6

Subject: Re: bringing up CTs with duplicate IP addresses
Posted by TheWiseOne on Wed, 02 Apr 2008 15:33:05 GMT

I notice this same bug.

]# rpm -q vzctl ovzkernel
vzctl-3.0.16-1
ovzkernel-2.6.18-53.1.6.el5.028stab053.6

Subject: Re: bringing up CTs with duplicate IP addresses
Posted by TheWiseOne on Tue, 08 Apr 2008 13:47:15 GMT

Was a bug report ever opened for this?

Subject: Re: bringing up CTs with duplicate IP addresses
Posted by maratrus on Wed, 09 Apr 2008 07:31:00 GMT

Hello,

vzctl generates only warning to be closer to common Linux machine behavior. If you have a common computer and assign on this machine an IP address which intersects with some another on the external node your machine won't refuse to start. The same way with CT behavior.

P.S. But it's impossible to assign the equal IP to different VE's on the same HN because kernel prohibits to do this.

Subject: Re: bringing up CTs with duplicate IP addresses
Posted by TheWiseOne on Wed, 09 Apr 2008 14:55:07 GMT
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This is actually a good idea for failover scenarios...