Subject: fix_network_forwarding
Posted by shazar on Thu, 27 Oct 2011 17:05:10 GMT
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In lxins.php, the following is done:

```
function fix_network_forwarding()
{
 $list = file("/etc/sysctl.conf");

 foreach($list as $__l) {
  if (strstr($__l, "net.ipv4.ip_forward") !== false) {
   $newlist[] = "net.ipv4.ip_forward = 1\n";
  } else {
   $newlist[] = $__l;
  }
 }

 our_file_put_contents("/etc/sysctl.conf", implode("", $newlist));
 shell_exec("sysctl -p");
}
```

http://www.centos.org/docs/5/html/Deployment_Guide-en-US/ch- fw.html describes the uses of this.

I can see the possible uses for this, but wonder if this is good as a default setting as generally it would not be used.

Subject: Re: fix_network_forwarding
Posted by LxCenter_Danny on Mon, 12 Dec 2011 15:06:30 GMT
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I dont know if it is related, but HyperVM is acting as a router.
Do a traceroute to a VPS and you see it always goes first through the HyperVM server.
List iptables --list and you see all your VM IP's are forwarded.

So without that it might not work.. but maybe i have it wrong.

Subject: Re: fix_network_forwarding
Posted by shazar on Tue, 13 Dec 2011 04:40:30 GMT
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All seems to work quite wellwith about 10 VMs running including 2 Windows VMs.

Subject: Re: fix_network_forwarding
Posted by LxCenter_Danny on Fri, 16 Dec 2011 16:49:51 GMT

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And the iptables list is empty ?

Subject: Re: fix_network_forwarding
Posted by shazar on Fri, 16 Dec 2011 17:01:42 GMT
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No it isn't empty. I will also confirm that as HyperVM was designed to do that the Windows VMs don't see each other through NetBIOS. What would you like me to check to ensure that it is or is not needed?

Subject: Re: fix_network_forwarding
Posted by semir on Sun, 02 Sep 2012 08:24:29 GMT
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Yep, but you are using bridged networking (as you use xen).
OpenVZ does need the ipv4 forwarding enabled.