Subject: how to redirect vps port to host
Posted by peian on Tue, 27 Dec 2005 08:39:03 GMT
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I want to redirect traffic towards a vps port to a host port.
e.g. 192.168.1.3 is host IP, 192.168.1.13 is a VPS ip.
I want to redirect 192.168.1.13:3456 to 192.168.1.3:80

How do I do it?

This doesn't work:
iptables -t nat -A PREROUTING -p tcp -d 192.168.1.13 --dport 3456 -j DNAT --to 192.168.1.3:80

Thanks a lot.

Subject: Re: how to redirect vps port to host
Posted by dim on Tue, 27 Dec 2005 13:05:17 GMT
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Do you enable iptable_nat module for your VPS?
Do you have iptable_nat module loaded before VPS start?

Subject: Re: how to redirect vps port to host
Posted by scythe on Tue, 27 Dec 2005 14:33:41 GMT
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Hi

I have the same problem (except Im trying to forward a port inside the vps from the host and not outside as peian above - port 8080 of host into port 80 of VPS), and I have iptable_nat loaded before vps start, as well as conntrack enabled on ve0. Probably i (we) are missing some module/setting for iptables, but i cant find which one. My config:

192.168.8.128 is the host address (running in vmware, but that shouldnt count)
10.1.1.1 is the vps address - i can ssh into the vps from the host

iptables -t nat -A PREROUTING -p tcp -d 192.168.8.128 --dport 8080 -j DNAT --to 10.1.1.1:80

after adding this line to iptables, i just get a connection refused on 192.168.8.128:8080. All rules are set to accept, i dont use any other iptables settings currently.

Thanks for any help!

(Edit: typos)

Subject: Re: how to redirect vps port to host
Posted by dim on Tue, 27 Dec 2005 15:06:37 GMT
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Your case is known issue - see http://openvz.org/documentation/faq/en#14 for details.

Subject: Re: how to redirect vps port to host
Posted by peian on Tue, 27 Dec 2005 15:09:47 GMT
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dim wrote on Tue, 27 December 2005 07:05Do you enable iptable_nat module for your VPS?
Do you have iptable_nat module loaded before VPS start?

No, it's not compiled, as "iptables -nvL -t nat" showed it.
But I thought it's host problem. The traffic supposed to be intercepted by host, and not seen at all by VPS. So it doesn't matter if iptables nat is enabled or not in VPS, right?

"iptables -nvL -t nat" in host does work. It report 0 pkts and 0 bytes for prerouting chain.

Is there additional rule/chain/target I should add to iptables?

Thanks