Subject: Which firewall / iptables wrapper script for openvz guest
Posted by zoolander on Thu, 02 Sep 2010 17:04:06 GMT
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Hello Forum,

I recently ordered a small vserver with openvz guest running on ubuntu 10.04.

Now I want to install a "firewall" on the openvz guest.

I know that I can do that with iptables commands.

But there are also some wrapper script which make the configuration less difficult.

From googling i know that ufw for example won't work since it needs some kernel modules that are available on openvz guest.

Other tools I found:

afp
FireHOL
Arno Iptables

Which one of them can be used on a openvz guest? Which one are you using?

Waiting for your feedback.

Thanks

Zoolander

Subject: Re: Which firewall / iptables wrapper script for openvz guest
Posted by rich on Sat, 04 Sep 2010 11:02:48 GMT
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http://www.shorewall.net/ is the firewall for Linux. At first it might look scary, but it is really simple to configure and gives you as many or little options as you want. In fact it is IP tables, only it helps you to configure it.

APF is a good start, but in the end to simple. So my opinion is to just skip that and learn shorewall.

BTW, http://www.webmin.net/ has a great module for shorewall to make things easier.

In the VZ documentation and wiki you can see how to enable the needed modules for iptables. To install both Shorewall and webmin inside a VE you can use:

echo "deb [url]http://download.webmin.com/download/repository[/url] sarge contrib" >> /etc/apt/sources.list && cd /root && wget [url]http://www.webmin.com/jcameron-key.asc[/url] && apt-key add jcameron-key.asc && rm /root/jcameron-key.asc && apt-get update && apt-get -y upgrade && apt-get install -y shorewall webmin && rm /webmin-setup.out

If you get problems starting shorewall have a look at /proc/user_beancounters inside VE and if nessecery change the missing resources. Example:

vzctl set 1003 --numiptent $((100*2)):$((100*2)) --save

Prefil using the /proc/user_beancounters numbers (barrier/limit)

echo "deb http://download.webmin.com/download/repository sarge contrib" >> /etc/apt/sources.list && cd /root && wget http://www.webmin.com/jcameron-key.asc && apt-key add jcameron-key.asc && rm /root/jcameron-key.asc && apt-get update && apt-get -y upgrade && apt-get install -y shorewall webmin && rm /webmin-setup.out

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Subject: Re: Which firewall / iptables wrapper script for openvz guest
Posted by TheStig on Mon, 06 Sep 2010 08:17:53 GMT
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here are two simple iptables-scripts contributed by openvz-users. can't of course guarantee that they will work for you.

http://forum.openvz.org/index.php?t=msg&goto=35002&& amp;srch=firewall#msg_35002
