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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 too 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 necessary change the missing resources. Example:

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

Preinstall 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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