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Subject: Re: ufw support in OpenVZ ubuntu container.  
Posted by [bodhi.zazen](#) on Mon, 10 May 2010 16:07:20 GMT  
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UFW does not seem to run properly in openvz (Ubuntu) templates.

Part of the problem is that ufw calls modprobe, which will fail.

As a partial work around you can remove modprobe and replace it with a link to /bin/true.

```
rm /sbin/modprobe
ln -s /bin/true /sbin/modprobe
```

A second problem is that rsyslog does not run well in openvz templates (rsyslog will not log iptables or ufw). A potential work around is to use syslog-ng

```
apt-get purge rsyslog
apt-get install syslog-ng
```

syslog-ng will log to /var/log/messages and /var/log/kern.log but not /var/log/ufw.log

With those work arounds, you can try ufw. You will still get some error messages from ufw-init re: iptables-restore. I do not know how to fix that.

That is about as far as I can get you if you want to use UFW as I personally use iptables.

Others have suggested using shorewall as an alternate (to ufw).

<http://www.shorewall.net/OpenVZ.html>

With ufw you sometimes need to toggle the defaults, then ufw will start:

```
ufw default allow
ufw default deny
ufw enable
```

I highly suggest you use iptables (keep in mind you may need to edit /etc/vz/vz.conf on the HOST) and iptables is not fully functional in openvz guests (the basic functions and logging work, but some functions such as conntrack may not).

To log use iptables + syslog-ng ( /var/log/kern.log is fairly clean).

If you have a busy server, and do not want to review hundreds of thousands of logs, consider using snort or psad.

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