
Subject: Ideal Cento's Setup

Posted by [Ashley](#) on Sun, 03 Dec 2006 22:01:51 GMT

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I am buying a server soon and want to setup OpenVz on it, ive been playing about with it on my home built server but does not fully function because of its setup.

I just want to make sure I do everything correct when it comes to the real server. Bellow is what I do so far.

1/ First install Centos 4.* on main server with minimal setup 615MB

2/ Run yum update -y to make sure fully updated

3/ Install Openvz kernel

4/ Configure boot loader

5/ Configure sysctl by changing the following lines

There is a number of kernel parameters that should be set for OpenVZ to work correctly. These parameters are stored in /etc/sysctl.conf file. Here is the relevant part of the file; please edit it accordingly.

```
# On Hardware Node we generally need
```

```
# packet forwarding enabled and proxy arp disabled
```

```
net.ipv4.ip_forward = 1
```

```
net.ipv4.conf.default.proxy_arp = 0
```

```
# Enables source route verification
```

```
net.ipv4.conf.all.rp_filter = 1
```

```
# Enables the magic-sysrq key
```

```
kernel.sysrq = 1
```

```
# TCP Explicit Congestion Notification
```

```
#net.ipv4.tcp_ecn = 0
```

```
# we do not want all our interfaces to send redirects
```

```
net.ipv4.conf.default.send_redirects = 1
```

```
net.ipv4.conf.all.send_redirects = 0
```

6/ Turn off SELinux

7/ Reboot into OpenVZ kernel and install utilaties

8/ Run yum install vztmpl-centos-4.i386

9/ Run vzpkgcache

10/ Create VZ vzctl create 112 --ostemplate centos-4-i386-default

11/ Add ip vzctl set 112 --ipadd 192.168.6.112 --save

12/ I then start the vps and all works fine.

However i can not connect to the outside world at the moment due to me running OpenVz in VMware meaning only having one ip.

However I have a few questions:

1/ Is this the best way to install and is it correct

2/ When I add a ip to a VPS could I use a inbuilt one for example 192.168.0.100 and still have the VPS connect to the outside world. If so do i need to add anything to iptables on main host.

3/ When I add a servers ip to a VPS for example 246.156.234.123 do I have to do anything else

for the VPS to be accessible by the outside world. Or running the ipadd line do this for me?

Thanks in Advance, sorry for the long post want to make sure i do it correctly
