
Subject: Re: Centos 5--64 host - my experience with openvz so far
Posted by [kingneutron](#) on Sat, 26 May 2007 05:59:31 GMT

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--I got around it. Installed a template manually into /vz/template/cache and went from there.

+ Added " echo 1 > /proc/sys/net/ipv4/ip_forward " to boot.local

+ /vz/template/cache is where downloaded stuff goes...

+ Copied downloaded templates so they can be installed: /vz/template/cache # cp /mnt/cdtemp/openvz/* .

REFERENCE:

http://wiki.openvz.org/Basic_operations_in_OpenVZ

+ Created new VM:

```
' vzctl create 101 --ostemplate debian-4.0-i386-minimal '  
( root disk will be in /vz/private/101 )
```

```
' vzlist -a '
```

```
' vzctl start 101 '  
vzctl exec 101 ' ps ax '
```

```
' vzctl set 101 --ipadd 10.0.100.226 --save '  
' vzctl set 101 --ipadd 192.168.2.227 --save ' # My local DHCPnet
```

```
(( in-guest:
```

```
goebbels:/# ftp_proxy=http://10.0.0.4:3128/  
goebbels:/# http_proxy=http://10.0.0.4:3128/
```

```
goebbels:/# apt-get update  
0% [Connecting to ftp.se.debian.org] [Connecting to security.debian.org]
```

```
# No I/O
```

```
goebbels:/# ping kernel.org
```

```
goebbels:/# cat /etc/resolv.conf  
nameserver 192.168.0.4
```

```
goebbels:/# echo 'nameserver 10.0.0.4' >/etc/resolv.conf  
goebbels:/# ping kernel.org  
ping: unknown host kernel.org
```

```
goebbels:/# echo 'nameserver 192.168.2.1' >/etc/resolv.conf  
goebbels:/# ping kernel.org  
PING kernel.org (204.152.191.37) 56(84) bytes of data.
```

64 bytes from pub2.kernel.org (204.152.191.37): icmp_seq=1 ttl=43 time=60.2 ms

```
' cat /proc/user_beancounters '
```

Version: 2.5

uid	resource	held	maxheld	barrier	limit
101:	kmemsize	677273	1154357	5242880	5592405
	lockedpages	0	0	32	32
	privvmpages	1102	3070	35000	38181
	shmpages	0	0	8192	8192

```
)
```

--Adjusted beancounters shmpages:

```
' vzctl set 101 --shmpages $((8192*8)):$((8192*8)) --save '
```

```
((
```

```
' apt-get install joe mc screen '
```

```
echo 'openvz-debian4' >/etc/hostname
```

```
goebbels:~# hostname --file /etc/hostname
```

```
# logout/login; hostname OK
```

```
)
```

```
' vzlist -a '
```

```
[[
```

VEID	NPROC	STATUS	IP_ADDR	HOSTNAME
101	6	running	10.0.100.226	-

```
]] # Note that the 2nd IP addr is not listed...
```

--Looks like adjusting shmpages is only useful on the livecd.

- Readjusted shmpages back down to 16384 Justincase.

=====

--Note that I was able to skip the NAT step. (I have cable broadband Internet and a DHCP/NAT router.)

--Now all I need to do is set up the guest to do something \$useful/spiffy like Web serving, and test performance results.