
Subject: OpenVZ on Ubuntu 16.04

Posted by [pain15](#) on Fri, 05 Aug 2016 15:50:54 GMT

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I have installed OpenVZ kernel on plain Ubuntu 16.04. When I tried to boot into the OpenVZ kernel (2.6.32-042stab116.2) I get the following error:

ERROR: Failed to mount API filesystems, freezing.

I have successfully booted into OpenVZ kernel on Ubuntu 14.04 but I'm facing issues with Ubuntu 16.04.

Could help me out as I need to compare performance of LXC and Openvz live migration on Ubuntu 16.04.

Your suggestion would be helpful to me.

Thanking you in anticipation.

Steps followed:

```
wget -P /etc/yum.repos.d/ https://download.openvz.org/openvz.repo
```

```
rpm --import http://download.openvz.org/RPM-GPG-Key-OpenVZ
```

```
cd /tmp
```

```
wget https://download.openvz.org/kernel/branches/rhel6-2.6.32/042stab116.2/vzkernel-2.6.32-042stab116.2.x86_64.rpm
```

```
wget https://download.openvz.org/kernel/branches/rhel6-2.6.32/042stab116.2/vzkernel-devel-2.6.32-042stab116.2.x86_64.rpm
```

```
wget https://download.openvz.org/utls/vzctl/4.9/vzctl-4.9-1.x86_64.rpm
```

```
wget https://download.openvz.org/utls/vzctl/4.9/vzctl-core-4.9-1.x86_64.rpm
```

```
wget https://download.openvz.org/utls/ploop/1.15/ploop-1.15-1.x86_64.rpm
```

```
wget https://download.openvz.org/utls/ploop/1.15/ploop-lib-1.15-1.x86_64.rpm
```

```
wget https://download.openvz.org/utls/vzquota/3.1/vzquota-3.1-1.x86_64.rpm
```

```
apt-get install fakeroot alien libcgroupl
```

```
fakeroot alien --to-deb --scripts --keep-version vz*.rpm ploop*.rpm
```

```
dpkg -i vz*.deb ploop*.deb
```

```
selinuxenabled && echo enabled || echo disabled  
echo "SELINUX=disabled" > /etc/sysconfig/selinux
```

Add following parameters to /etc/sysctl.conf file
On Hardware Node we generally need

```
# packet forwarding enabled and proxy arp disabled
net.ipv4.ip_forward = 1
net.ipv6.conf.default.forwarding = 1
net.ipv6.conf.all.forwarding = 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

# We do not want all our interfaces to send redirects
net.ipv4.conf.default.send_redirects = 1
net.ipv4.conf.all.send_redirects = 0
```
