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/rhel6-2.6.32/042
stab116.2/vzkernel-2.6.32-042stab116.2.x86_64.rpm
wget https://download.openvz.org/kernel/branches/rhel6-2.6.32/042
stab116.2/vzkernel-devel-2.6.32-042stab116.2.x86_64.rpm
wget https://download.openvz.org/utils/vzctl/4.9/vzctl-4.9-1.x86_ 64.rpm
wget https://download.openvz.org/utils/vzctl/4.9/vzctl-core-4.9-1 .x86_64.rpm
wget https://download.openvz.org/utils/ploop/1.15/ploop-1.15-1.x8 6_64.rpm
wget https://download.openvz.org/utils/ploop/1.15/ploop-lib-1.15- 1.x86_64.rpm
wget https://download.openvz.org/utils/vzquota/3.1/vzquota-3.1-1. x86_64.rpm

apt-get install fakeroot alien libcgroup1

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
```

Subject: Re: OpenVZ on Ubuntu 16.04
Posted by dowdle on Fri, 12 Aug 2016 17:57:12 GMT
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I doubt running the OpenVZ Legacy kernel on Ubuntu 16.04 will ever be supported or work.

For a comparison, I would use CentOS 6.x as the OpenVZ Legacy base distro... and then compare it to Ubuntu and LXC if you want.

Subject: Re: OpenVZ on Ubuntu 16.04
Posted by pain15 on Sat, 13 Aug 2016 14:55:36 GMT
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But LXC live migration isn't supported in CentOS/RHEL.

It requires LXD package which is only available in ubuntu

Subject: Re: OpenVZ on Ubuntu 16.04
Posted by vishal on Mon, 15 Jan 2018 13:21:47 GMT
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Any update on this, I'm facing the same issue when trying to boot from OpenVZ kernel 042stab127.2 on Ubuntu 16.04. When searching for this issue, stumbled upon a link to a bug reported on Bugzilla https://bugzilla.openvz.org/show_bug.cgi?id=3280, but found out that they've moved to JIRA on https://bugs.openvz.org from Bugzilla, not able to find the related JIRA on

https://bugs.openvz.org. If anybody has the link to that JIRA, please provide me that.