
Subject: 2.6.32 ovzkernel with xen support available?

Posted by [lycky](#) on Tue, 16 Aug 2011 10:24:11 GMT

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Hello,

I am looking for an openvz 2.6.32 kernel with xen support.

However, in wiki.openvz.org/Download/kernel/rhel6 and wiki.openvz.org/Download/kernel/2.6.32 I only find

vzkernel-2.6.32-[version].rpm,
kernel-2.6.32-[name].rpm and
kernel-PAE-2.6.32-[name].rpm.

I cannot find any ovzkernel-xen-2.6.32-[version].rpm as it is available for the 2.6.18 kernel.
Please help me to find such rpm or guide me to the appropriate build instructions.

Thanks

lucky

Subject: Re: 2.6.32 ovzkernel with xen support available?

Posted by [curx](#) on Tue, 16 Aug 2011 12:38:39 GMT

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Hi,

take a look at the openvz kernel configs:

http://download.openvz.org/kernel/branches/rhel6-2.6.32/042stab031.1/configs/_CONFIG_

% grep XEN _CONFIG_

e.g. _CONFIG_ = config-2.6.32-042stab031.1.x86_64 gives:

---8<...

```
CONFIG_XEN=y
CONFIG_XEN_MAX_DOMAIN_MEMORY=32
CONFIG_XEN_SAVE_RESTORE=y
CONFIG_XEN_DEBUG_FS=y
CONFIG_XEN_BLKDEV_FRONTEND=m
CONFIG_NETXEN_NIC=m
CONFIG_XEN_NETDEV_FRONTEND=m
CONFIG_XEN_KBDDEV_FRONTEND=y
CONFIG_HVC_XEN=y
CONFIG_XEN_FBDEV_FRONTEND=y
```

CONFIG_XEN_BALLOON=y
CONFIG_XEN_SCRUB_PAGES=y
CONFIG_XEN_DEV_EVTCHN=m
CONFIG_XENFS=m
CONFIG_XEN_COMPAT_XENFS=y
CONFIG_XEN_SYS_HYPERVISOR=y
CONFIG_XEN_PLATFORM_PCI=y

---8<...

Bye,
Thorsten

Subject: Re: 2.6.32 ovzkernel with xen support available?
Posted by [lycky](#) on Tue, 16 Aug 2011 13:09:35 GMT
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Thank you for the reply.

Unfortunately I am a beginner to OpenVZ, and I don't see how your reply can help. Are you saying that rhel6-2.6.32/042stab031.1 has xen support built in?

I am trying to use OpenVZ in Amazon's EC2 cloud, which is running Xen. I can install download.openvz.org/kernel/branches/rhel5-2.6.18/028stab092.2/ovzkernel-xen-2.6.18-238.19.1.el5.028stab092.2.i686.rpm on an EC2 instance based on an 2.6.18 kernel.

But neither download.openvz.org/kernel/branches/rhel6-2.6.32/042stab031.1/vzkernel-2.6.32-042stab031.1.i686.rpm nor any other 2.6.32 openvz kernel work on EC2 instances based on 2.6.32 kernels. The boot process fails because apparently vmlinuz and initrd have the wrong format.

Thanks
lucky
