
Subject: Openvz Application

Posted by [David Baron](#) on Wed, 27 Dec 2006 13:39:19 GMT

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What I am thinking of trying is:

Virtual machine will handle all internet access (router/proxy). It would have apache running as a webserver, possibly SMTP server as well. Sites may or may not be opened to the rest of the world. Maybe testing only on this v-server. Would likely use the Debian stable cache provided.

Host machine will access the internet using this router, the web through the proxy with Dansgardian (or would this be on the virtual as well). Running Debian Sid with patched 2.6.18 most recent kernel.

How do I set this up? Internet connection is ADSL but NOT PPPOEA. Would I simply move relevant files to the VE?

Caveats:

1. I only have 512m memory, PIII 575mhz junker.
 2. I only have one, dynamic IP (but as I said, the ve would use this and be a router to the host).
-

Subject: Re: Openvz Application

Posted by [dev](#) on Wed, 27 Dec 2006 16:50:33 GMT

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dynamic IP means DHCP? if so, then you will need to use veth networking for

being able to use broadcasts.
in other regards, I see no much problems.
if you want to use it as a router, I would add ethernet adapters and granted them to VE for exclusive usage.

Kirill

Subject: Re: Openvz Application
Posted by [David Baron](#) on Wed, 27 Dec 2006 17:28:33 GMT
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On Wednesday 27 December 2006 18:58, Kirill Korotaev wrote:

> David Baron wrote:

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> being able to use broadcasts.

Dynamic IP means that every time I log onto the provider or the network goes
down and come back up, I am "assigned" a different IP number.

What is veth networking?

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> granted them to VE for exclusive usage.

There is one t10 card connected to an ADSL modem (not a router). This is eth0
on the host machine right now. There is a non-connected venet0 defaulted on
bootup with openvz started.

I sort of need step by step since I do not fully understand the paradigm
(quite different from vmware, qemu, etc).

I suppose I need to create the VE with the Debian3.1
Add apache, inetd, et al or are they already there?
Configure the VE's bootup scripts for the ethernet card, etc.

Subject: Re: Openvz Application
Posted by [kir](#) on Wed, 27 Dec 2006 19:16:32 GMT
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David Baron wrote:

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> (quite different from vmware, qemu, etc).
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A good start could be <http://wiki.openvz.org/Category:Networking>

Subject: Re: Openvz Application
Posted by [dev](#) on Thu, 28 Dec 2006 08:02:42 GMT
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David,

it would help a lot if you could draw a network configuration you want to get
with interfaces, it's names, hosts, etc.

right now, I'm bit confused about which interfaces you have.

one, according to you, is ADSL which is visible as eth0.

But router usually should have some other interfaces where to route to :)

So a good description would immideately helped.

venet/veth is 2 types of networking available to VE in OpenVZ.

venet is a secure IP-level networking, while veth is ethernet-like
device working with broadcasts etc. (additional to IP).

Thanks,
Kirill

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>

>>David Baron wrote:

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