
Subject: Re: HN System
Posted by [weycresto](#) on Sat, 04 Feb 2006 14:58:56 GMT
[View Forum Message](#) <> [Reply to Message](#)

Daniel Bauer wrote:

>> You can install CentOS4.2, SUSE9.3 or whatever distribution which
>> supports your hardware. If OpenVZ kernel won't support this hardware
>> we just need lspci information from you to find out the driver which
>> will support it.

>

>

> That is great. I'll prefer SuSE 9.3 because it works great for me and
> have all packages that I want.

>

I use OpenVZ on Centos 4.2 on Compaq DL380's without problems. Bear in mind that although Suse 9.3 might have all packages you want, on the hardware node you are looking for a bare/minimal install so OS choice is less important (provided it installs of course!). Apart from networking, ssh, and vz etc nothing else should run on the hardware node. All services httpd, mysqld etc.. should run within the VPS's you create.

Paul>

Subject: HN System
Posted by [Daniel Bauer](#) on Sat, 04 Feb 2006 23:15:14 GMT
[View Forum Message](#) <> [Reply to Message](#)

Hi,

is Fedora the only HN System?

I've installed successfully Fedora Core 4 on a small server and activated OpenVZ, but I couldn't install it on the main server (Compaq Proliant DL760, 8 CPU, 12 GB RAM).

Best regards
Daniel

Subject: Re: HN System
Posted by [RapidVPS](#) on Sun, 05 Feb 2006 02:42:04 GMT

Hi Daniel,

FC is not the only host distribution. I use CentOS 4. What distro is your Compaq running? Describe the problem, including any errors or messages you receive so that we can help you.

Rick

Subject: Re: HN System
Posted by [dev](#) on Sun, 05 Feb 2006 09:06:06 GMT
[View Forum Message](#) <> [Reply to Message](#)

Hello,

> is Fedora the only HN System?

No, OpenVZ runs perfectly on almost any Linux distribution.

It definitely works fine on RHEL, CentOS, Fedora, SUSE, SLES, Slackware and Debian.

> I've installed successfully Fedora Core 4 on a small server and

> activated OpenVZ, but I couldn't install it on the main server (Compaq

> Proliant DL760, 8 CPU, 12 GB RAM).

Is the problem with Fedora Core 4, i.e. it can't work on your Compaq or with OpenVZ kernel?

What is exactly your problem with it?

Kirill

Subject: Re: HN System
Posted by [Daniel Bauer](#) on Sun, 05 Feb 2006 09:55:46 GMT
[View Forum Message](#) <> [Reply to Message](#)

Hi Kirill,

From: "Kirill Korotaev" <dev@sw.ru>

>> is Fedora the only HN System?

> No, OpenVZ runs perfectly on almost any Linux distribution.

> It definitely works fine on RHEL, CentOS, Fedora, SUSE, SLES, Slackware
> and Debian.

this was the message from Kir:

From: "Kir Kolyshkin" <kir@openvz.org>

> Daniel Bauer wrote:

>> so is it possible to patch a 9.3 kernel with the sources of OpenVZ

>

> I believe not, since SuSE 9.3 is based on quite a different kernel
> then that used as a base for OpenVZ. Instead you just take standard
> OpenVZ kernel and complain if something doesn't work (everything
> should work if your system supports kernel 2.6).

so I think there is no way to patch the kernel?!

>> I've installed successfully Fedora Core 4 on a small server and
>> activated OpenVZ, but I couldn't install it on the main server
>> (Compaq Proliant DL760, 8 CPU, 12 GB RAM).
> It the problem with Fedora Core 4, i.e. it can't work on your Compaq
> or with OpenVZ kernel?
> What is exactly your problem with it?

No also the normal FC4 installation fails with accessing the Smart Array
as installation destination. The message is "no space on device", but I
allowed to take the hole disk (54GB). So if Fedora is not running and
I'm not able to install the OpenVZ Kernel.

Bye
Daniel

Subject: Re: HN System
Posted by [dev](#) on Sun, 05 Feb 2006 10:37:33 GMT
[View Forum Message](#) <> [Reply to Message](#)

> this was the message from Kir:
> From: "Kir Kolyshkin" <kir@openvz.org>
>> Daniel Bauer wrote:
>>> so is it possible to patch a 9.3 kernel with the sources of OpenVZ
>>
>> I believe not, since SuSE 9.3 is based on quite a different kernel
>> then that used as a base for OpenVZ. Instead you just take standard
>> OpenVZ kernel and complain if something doesn't work (everything
>> should work if your system supports kernel 2.6).
>
> so I think there is no way to patch the kernel?!
There is no patched SUSE9.3 kernel yeah, but it is not required very
much, is it? There is no much special in SUSE kernels except for bug
fixes, drivers etc. And this is what we do in OpenVZ as well.

> No also the normal FC4 installation fails with accessing the Smart Array
> as installation destination. The message is "no space on device", but I
> allowed to take the hole disk (54GB). So if Fedora is not running and
> I'm not able to install the OpenVZ Kernel.
You can install CentOS4.2, SUSE9.3 or whatever distribution which

supports your hardware. If OpenVZ kernel won't support this hardware we just need lspci information from you to find out the driver which will support it.

Kirill

Subject: Re: HN System

Posted by [Daniel Bauer](#) on Sun, 05 Feb 2006 12:57:23 GMT

[View Forum Message](#) <> [Reply to Message](#)

From: "Kirill Korotaev" <dev@sw.ru>

>> this was the message from Kir:

>> From: "Kir Kolyshkin" <kir@openvz.org>

>>> Daniel Bauer wrote:

>>>> so is it possible to patch a 9.3 kernel with the sources of OpenVZ

>>>

>>> I believe not, since SuSE 9.3 is based on quite a different kernel

>>> then that used as a base for OpenVZ. Instead you just take standard

>>> OpenVZ kernel and complain if something doesn't work (everything

>>> should work if your system supports kernel 2.6).

>>

>> so I think there is no way to patch the kernel?!

> There is no patched SUSE9.3 kernel yeah, but it is not required very

> much, is it? There is no much special in SUSE kernels except for bug

> fixes, drivers etc. And this is what we do in OpenVZ as well.

I tried now to install the ovz enterprise kernel and it doesn't work because it needs higher versions of mkinitrd and initscripts ...

>> No also the normal FC4 installation fails with accessing the Smart

>> Array as installation destination. The message is "no space on

>> device", but I allowed to take the hole disk (54GB). So if Fedora is

>> not running and I'm not able to install the OpenVZ Kernel.

> You can install CentOS4.2, SUSE9.3 or whatever distribution which

> supports your hardware. If OpenVZ kernel won't support this hardware

> we just need lspci information from you to find out the driver which

> will support it.

That is great. I'll prefer SuSE 9.3 because it works great for me and have all packages that I want.

Daniel

Subject: Re: HN System

Posted by [kir](#) on Sun, 05 Feb 2006 14:54:15 GMT

[View Forum Message](#) <> [Reply to Message](#)

Daniel Bauer wrote:

> I tried now to install the ovz enterprise kernel and it doesn't work
> because it needs higher versions of mkinitrd and initscripts ...

This is clearly the problem with different versions of those tools in SuSE than in RedHat. I'm not yet sure how we are going to handle it....looks like we have to create a separate spec/rpms for SuSE.
Kirill, do you have any ideas?

Subject: Re: HN System

Posted by [dev](#) on Sun, 05 Feb 2006 15:13:11 GMT

[View Forum Message](#) <> [Reply to Message](#)

>> I tried now to install the ovz enterprise kernel and it doesn't work
>> because it needs higher versions of mkinitrd and initscripts ...

>

> This is clearly the problem with different versions of those tools in
> SuSE than in RedHat. I'm not yet sure how we are going to handle
> it....looks like we have to create a separate spec/rpms for SuSE.
> Kirill, do you have any ideas?

Most likely you don't need initrd at all. This is why we compile most disk drivers into kernel. To work on different distributions.

Kirill

Subject: Re: HN System

Posted by [Daniel Bauer](#) on Mon, 06 Feb 2006 09:33:14 GMT

[View Forum Message](#) <> [Reply to Message](#)

From: "Paul Lee" <admin@weycrest.com>

> Daniel Bauer wrote:

>>> You can install CentOS4.2, SUSE9.3 or whatever distribution which
>>> supports your hardware. If OpenVZ kernel won't support this hardware
>>> we just need lspci information from you to find out the driver which
>>> will support it.

>>

>>

>> That is great. I'll prefer SuSE 9.3 because it works great for me and
>> have all packages that I want.

>>

>

> I use OpenVZ on Centos 4.2 on Compaq DL380's without problems. Bear in

> mind that although Suse 9.3 might have all packages you want, on the
> hardware node you are looking for a bare/minimal install so OS choice
> is less important (provided it installs of course!). Apart from
> networking, ssh, and vz etc nothing else should run on the hardware
> node. All services httpd, mysqld etc.. should run within the VPS's you
> create.

Hi Paul,

I don't want more as ssh on the HN, the separation of the diff. services
is the reason for me to work with VPS. But the main problem is now to
install an OS on the hardware node which access the whole CPU and RAM.
The less problems I've with SuSE.

Daniel

Subject: Re: HN System

Posted by [Daniel Bauer](#) on Mon, 06 Feb 2006 09:33:14 GMT

[View Forum Message](#) <> [Reply to Message](#)

From: "Kirill Korotaev" <dev@sw.ru>

>>> I tried now to install the ovz enterprise kernel and it doesn't work

>>> because it needs higher versions of mkinitrd and initscripts ...

>>

>> This is clearly the problem with different versions of those tools in

>> SuSE than in RedHat. I'm not yet sure how we are going to handle

>> it....looks like we have to create a separate spec/rpms for SuSE.

>> Kirill, do you have any ideas?

> Most likely you don't need initrd at all. This is why we compile most

> disk drivers into kernel. To work on different distributions.

Hi Kirill,

is it possible to copy only the boot information to the SuSE /boot?

System map

Kernel

initrd

Daniel

Subject: Re: Re: HN System

Posted by [Daniel Bauer](#) on Mon, 06 Feb 2006 09:33:15 GMT

[View Forum Message](#) <> [Reply to Message](#)

From: "RapidVPS" <rickb@rapidvps.com>
> FC is not the only host distribution. I use CentOS 4.
> What distro is your Compaq running? Describe the
> problem, including any errors or messages you receive
> so that we can help you.

Hi Rick,

it runs perfectly with a SuSE 9.3 or SuSE 10.0.

The problem is that the Fedora installation tells me that there is no space on device. But I allowed Fedora to use the hole disk. And DiskDruid shows me the full 54 GB.

Daniel

Subject: RE: Re: HN System
Posted by [Aistis Zenkevicius](#) on Tue, 07 Feb 2006 01:26:06 GMT
[View Forum Message](#) <> [Reply to Message](#)

|-----Original Message-----

|From: users-bounces@openvz.org [mailto:users-bounces@openvz.org] On
|Behalf Of Daniel Bauer
|Sent: Monday, February 06, 2006 10:33 AM
|To: users@openvz.org
|Subject: Re: [Users] Re: HN System

|From: "RapidVPS" <rickb@rapidvps.com>
|> FC is not the only host distribution. I use CentOS 4.
|> What distro is your Compaq running? Describe the
|> problem, including any errors or messages you receive
|> so that we can help you.

|Hi Rick,

|it runs perfectly with a SuSE 9.3 or SuSE 10.0.

Daniel, may I ask you if you tried to install OpenVZ kernel and utilities on your SuSe9.3? If you did - what problems did you come up?

|The problem is that the Fedora installation tells me that there is no
|space on device. But I allowed Fedora to use the hole disk. And
|DiskDruid shows me the full 54 GB.

And how is that related to openvz-users mailinglist?

Aistis

Subject: Re: Re: HN System
Posted by [Daniel Bauer](#) on Tue, 07 Feb 2006 05:22:42 GMT
[View Forum Message](#) <> [Reply to Message](#)

Hi Aistis,

From: "Aistis Zenkevicius" <noc@unix.lt>
> |Behalf Of Daniel Bauer
> |From: "RapidVPS" <rickb@rapidvps.com>
> |> FC is not the only host distribution. I use CentOS 4.
> |> What distro is your Compaq running? Describe the
> |> problem, including any errors or messages you receive
> |> so that we can help you.
> |
> |it runs perfectly with a SuSE 9.3 or SuSE 10.0.
>
> Daniel, may I ask you if you tried to install OpenVZ kernel and
> utilities on your SuSe9.3? If you did - what problems did you come up?

it was not possible to install the rpm, because of the dependencies for mkinitrd an initscripts. I try today to copy only the kernel into a SuSE System.

> |The problem is that the Fedora installation tells me that there is no
> |space on device. But I allowed Fedora to use the hole disk. And
> |DiskDruid shows me the full 54 GB.
>
> And how is that related to openvz-users mailinglist?

As I understand Kir first I've to install Fedora for working with OpenVZ, but I can't install Fedora because it have problems with my hardware node. So I'd like to find another way to work with OpenVZ. SuSE was the only distribution which worked with my hn completely well.

Daniel

Subject: Re: Re: HN System
Posted by [kir](#) on Tue, 07 Feb 2006 08:40:43 GMT
[View Forum Message](#) <> [Reply to Message](#)

Daniel Bauer wrote:

>> Daniel, may I ask you if you tried to install OpenVZ kernel and
>> utilities on your SuSe9.3? If you did - what problems did you come up?
>
> it was not possible to install the rpm, because of the
> dependencies for mkinitrd and initscripts. I try today to copy only the
> kernel into a SuSE System.

As said by dev@ before, you do not need mkinitrd so you can try
installing kernel with --nodeps option to rpm.

Subject: Re: Re: HN System
Posted by [Daniel Bauer](#) on Tue, 07 Feb 2006 12:00:42 GMT
[View Forum Message](#) <> [Reply to Message](#)

From: "Kir Kolyshkin" <kir@openvz.org>
> Daniel Bauer wrote:
>>> Daniel, may I ask you if you tried to install OpenVZ kernel and
>>> utilities on your SuSe9.3? If you did - what problems did you come
>>> up?
>>
>> it was not possible to install the rpm, because of the
>> dependencies for mkinitrd and initscripts. I try today to copy only
>> the kernel into a SuSE System.
>
> As said by dev@ before, you do not need mkinitrd so you can try
> installing kernel with --nodeps option to rpm.

Hi Kir,

thats exactly what I did. I've done several tests, but the machine
reboot everytime after detecting the mouse.

Daniel
