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Subject: how to make an exact copy of the VPS

Posted by [abhishek jain](#) on Sun, 14 May 2006 18:53:58 GMT

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Dear Friends,

I need to

- 1) Install openVZ will i get a Control panel for mine clients
- 2) make an exact copy of the VPS from old to new IPs. Tell me how to do so.
- 3) Also can anyone point me to articles relating with the difference between OpenVZ and Xen based VPS., I need to know which is best, in terms of which can be installed easily, control panel for the client and ease to use/operate and system resources etc.

Thanks,

Abhishek jain

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Subject: Re: how to make an exact copy of the VPS

Posted by [kir](#) on Sun, 14 May 2006 19:27:51 GMT

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abhishek jain wrote:

> Dear Friends,

> I need to

> 1) Install openVZ will i get a Control panel for mine clients

OpenVZ does not provide any web interfaces. Of course you can use, say, Webmin or something like this.

Or, if you want all the features of OpenVZ plus control panels plus much more -- you can buy Virtuozzo.

> 2) make an exact copy of the VPS from old to new IPs. Tell me how to  
> do so.

I am not sure what you mean by "from old to new IPs". Do you want to change the IP address(es) of the VPS? Do you want to clone a VPS, and give a different IP to the clone?

> 3) Also can anyone point me to articles relating with the difference  
> between OpenVZ and Xen based VPS.

In very short: <http://openvz.org/documentation/tech/virtualization>

In very short: the difference is Xen runs \*multiple\* kernels on top of the hypervisor, while OpenVZ enables multiple Virtual Environments (VEs, otherwise known as VPSs) on top of the \*single\* kernel. Single kernel

approach gives close-to-native performance and much better density (number of VEs per server), also there are other benefits like higher scalability (VE is as scalable as ordinary Linux) and the fact that you can change/"resize" a VE dynamically -- say, you can give it more or less RAM without any need to reboot.

From the other side, Xen makes possible to run \*different\* kernels, so it's the way to go if you want different OSs on your server.

> , I need to know which is best, in terms of which can be installed  
> easily, control panel for the client and ease to use/operate and system  
> resources etc.

As I am very subjective here you can't rely on my words for it. :)  
Some people say OpenVZ is easier to install and use (say here:  
[http://forum.openvz.org/index.php?t=rview&goto=3119#msg\\_3119](http://forum.openvz.org/index.php?t=rview&goto=3119#msg_3119)).

Sorry I do not know much about control panels.

>  
> Thanks,  
> Abhishek jain  
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Subject: Re: how to make an exact copy of the VPS  
Posted by [kir](#) on Sun, 14 May 2006 19:34:02 GMT  
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abhishek jain wrote:

> Dear Friends,  
> I need to  
> 1) Install openVZ will i get a Control panel for mine clients  
> 2) make an exact copy of the VPS from old to new IPs. Tell me how to  
> do so.

Oh I now read the subject and know what you want to do.

Say there is a VE with ID 100, and you want to make a clone of it; a new VE will have ID 200. Here is how:

```
# Stop source VE
vzctl stop 100
# Copy VE private area:
cd /vz/private/
```

```
mkdir 200
cp -a 100/* 200/
# Copy VE config file
cd /etc/sysconfig/vz-scripts/
cp 100.conf 200.conf
# Change VE 200 IP address: remove old ones than add some new ones
vzctl set 200 --ipdel all --ipadd x.x.x.x --save
# Start original VE and the clone
vzctl start 100
vzctl start 200
```

One can write a simple shell script for that if you want to do it regularly. As you can see, this is just a few copy and vzctl set operations.

> 3)Also can anyone point me to articles relating with the difference  
> between OpenVZ and Xen based VPS., I need to know which is best, in  
> terms of which can be installed easily,control panel for the client  
> and ease to use/operate and system resources etc.  
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> Thanks,  
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