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Subject: Re: Red Hat Linux 8 Template or Metadata?

Posted by [kir](#) on Thu, 23 Mar 2006 22:14:33 GMT

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That could be done.

You have two options -- moving your existing physical server into a VPS (a.k.a. P2V migration), or creating a template of RHL8, then creating a VPS, and finally installing your application into that VPS.

P2V is easier than you think. Basically, you need to rsync your whole server into a directory.

(1) Do stop all the sensible applications on your physical server before that (like a database), so data will be consistent. It is actually recommended to stop everything but ssh, in case you are not sure.

(2) Rsync the entire server into a directory on your OpenVZ box, like /vz/private/456/

(3) Modify a few files under /vz/private/456 so it will suit a virtual environment. First is /etc/fstab -- comment out all the mount entries which deals with real devices (such as /dev/hd\* and /dev/sd\*). Second is /etc/inittab -- comment out \*getty entries, as there are no consoles in a VPS. For RHL8 this should be sufficient, or probably there is something else I forget about...

(4) Create a VPS config, like this:

```
vzctl set 456 --applyconfig vps.basic
```

Then, assign an IP for the VPS (vzctl set 456 --ipadd x.x.x.x).

(5) Try to start your VPS:

```
vzctl start 456
```

(6) Enter a VPS and troubleshoot for the problems. Most probably, you need to increase some UBC parameters (if failcnt>0 for some entries in /proc/user\_beancounters). Search this forum for the detailed info of how to tune UBCs.

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