
Subject: Samba Printer on USB within a container
Posted by [rewnz](#) on Wed, 16 Sep 2009 23:13:59 GMT
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Hi,
Newbie: I tried the HOW-TO on printing from within a container
http://wiki.openvz.org/USB_Printing_in_VE but when I restarted the container all the folders I
created under the /dev folder in my CT 103 disappeared.

I am running CentOS 5.3 as the host and the container, which is running a samba server for file
sharing and I want to add my printer to it for all my other PC's to use. I get the brother MFC-240c
showing up in the results from lsusb on the host but I can't get anything to stick in the container
after restart.

I presume that there is a hardware definition for the distribution that is rewriting the /dev folder
each time it is started. But the tutorial just indicated that you go into the container and manually
make the changes and the result would remain after restart.

How do I get the CT to retain the USB related details after restart?
Cheers,

Andrew

Subject: Re: Samba Printer on USB within a container
Posted by [rewnz](#) on Thu, 17 Sep 2009 03:24:28 GMT
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I got the /dev/usb/lp0 showing up in the CT using
vzctl set 103 --devnodes usb/lp0:rw --save

here is the result from lsusb:

```
[CODE][root@openvz 001]# lsusb
Bus 004 Device 001: ID 0000:0000
Bus 002 Device 001: ID 0000:0000
Bus 003 Device 001: ID 0000:0000
Bus 001 Device 009: ID 04f9:01ab Brother Industries, Ltd MFC-240C
Bus 001 Device 008: ID 05e3:0608 Genesys Logic, Inc. USB-2.0 4-Port HUB
Bus 001 Device 001: ID 0000:0000
/[/CODE]
```

and doing ls -l in /dev/bus/usb/001

```
[root@openvz 001]# ls -l
total 0
crw-r--r-- 1 root root 189, 0 Sep 16 14:35 001
crw-r--r-- 1 root root 189, 7 Sep 17 11:31 008
```

crw-r--r-- 1 root root 189, 8 Sep 17 11:31 009

so I tried

```
vzctl set 103 --device c:189:0:rw --device c:189:7:rw --device c:189:8:rw --save
```

but I couldn't see any change in the 103 container.

Subject: Re: Samba Printer on USB within a container
Posted by [Tenyo](#) on Thu, 17 Sep 2009 11:41:25 GMT

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Maybe you have udev enabled?

Try to disable it in the container.

I wrote the howto and without udev the procedure explained works without problems.

Hope this helps.

Bye.

Subject: Re: Samba Printer on USB within a container
Posted by [rewnz](#) on Fri, 18 Sep 2009 04:51:23 GMT

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Hey thanks for that, sorry I am a linux newbie.

I followed this how-to on disabling udev:

[http:// www.canfield.com/content/openvz-unable-open-pty-no-such-file -or-directory](http://www.canfield.com/content/openvz-unable-open-pty-no-such-file-or-directory) and restarted the container, looked from this link that it is a CentOS thing.

Now I have the bus folder showing up with the appropriate details.

lsusb is returning a result now but I still need to do some trouble shooting.

Seems that there is an issue with cups not detecting some usb printers (like mine Brother MFC-240c) in the device list even with the right driver installed. Not an OpenVZ thing as the host (CentOS) doesn't detect it in cups interface and even trying `cat > /dev/usb/lp0` does nothing (was suggested on a site I found as a way to check the usb printer was working.) Something for another forum.

cheers for the help, had me stumped.