
Subject: USB printer inside VE

Posted by [kierse](#) on Mon, 11 Feb 2008 03:52:50 GMT

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Hi everyone,

I'd like to setup a print server (using CUPS) inside of a VE to access a USB printer that's connected to the HN. I've added the printer's device node (`/dev/usb/lp0`) to the VE with the following command:

```
vzctl set 777 --devnodes usb/lp0:rw
```

and verified that it does appear in the VE's config file

```
DEVNODES="usb/lp0:rw "
```

When setting up the printer from within the CUPS web interface, the printer is correctly identified and listed in the list of supported/available devices. Unfortunately, after completing the setup, I am unable to print to the device. I don't see any errors on screen nor in any of the CUPS log files. What I do see is the following alert:

```
"Printer not connected; will retry in 30 seconds..."
```

The device node appears in the VE as `/dev/usb/lp0` (same as the HN) and I seem to have both read and write permission as I can `cat` and `echo` the device without error. I've checked that the usb printing module (`usb/lp`) is compiled and loaded before attempting to use the printer.

I've come across a wiki posting (http://wiki.openvz.org/Printing_in_VE_with_Debian_stable) and a forum posting (http://forum.openvz.org/index.php?t=msg&th=1350&#msg_7649) indicating that printing from within a VE is supported. Is there something I need to know or do in order to get USB printing working? Is running a CUPS server supported?

Thank,
Kierse
