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Subject: Re: USB printer inside VE  
Posted by [Tenyo](#) on Thu, 27 Nov 2008 13:13:45 GMT  
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SOLVED!!!

Pretty easy I've to admit, tested with Gentoo (HN and VE):

1) in HN lsusb to identify numbers relative to the usb port and the attached printer

Bus 008 Device 005: ID 04b8:0005 Seiko Epson Corp. Stylus Printer  
Bus 008 Device 001: ID 1d6b:0001

2) in VE go to /dev/bus/usb, create a directory equal to the Bus number and create there with mknod 2 devices: 1 for the usb port and 1 for the printer with the same device number in HN

```
crw-rw-r-- 1 root usb 189, 896 Nov 26 08:58 001  
crw-rw-r-- 1 root usb 189, 900 Nov 27 12:29 005
```

3) now create in VE a device similar to the one in HN for the usbprinter and a link if needed:

```
crw-rw-rw- 1 root lp 180, 0 Nov 7 19:32 lp0
```

```
lrwxrwxrwx 1 root root 7 Nov 26 17:51 usb/lp0 -> usb/lp0
```

4) time to add devices permission on your VE configuration file:

```
DEVICES="c:180:0:rw c:189:896:rw c:189:900:rw"
```

5) start the VE end enter, with lsusb you should see both devices: the port and the printer

6) Cups should find the printer attached to the usb port

Good Luck

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