
Subject: PCI Passthrough

Posted by [fwse](#) on Sun, 23 Aug 2009 16:05:31 GMT

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Hi!

The Wiki documentation sounds like it would/should be possible to get a plain PCI device passed into a VE. The device is not really a network device/network card, so it's not not just a network driver.

My - simple? - question is: how to do this (with vzctl)?

The device to be exported:

(lspci -s 01:09.0 -v -v):

```
*****
*****
myHN:~# lspci -s 01:09.0 -v -v -k
01:09.0 Multimedia controller: Philips Semiconductors TriMedia TM1300 (rev 82)
  Subsystem: AVM GmbH Fritz!Card DSL
  Control: I/O- Mem+ BusMaster+ SpecCycle- MemWINV+ VGASnoop- ParErr- Stepping-
SERR+ FastB2B- DisINTx-
  Status: Cap- 66MHz- UDF- FastB2B- ParErr- DEVSEL=medium >TAbort- <TAbort- <MAbort-
>SERR- <PERR- INTx-
  Latency: 64 (750ns min, 250ns max), Cache Line Size: 64 bytes
  Interrupt: pin A routed to IRQ 11
  Region 0: Memory at fd800000 (32-bit, non-prefetchable) [size=8M]
  Region 1: Memory at fd600000 (32-bit, non-prefetchable) [size=2M]
```

myHN:~#

```
*****
*****
```

Related to this (primary) question: How to access the device from inside the VE/VPS? Loading modules?

Thanks for any hints!

P.S. All the above is running on amd64/4core machines
