

Table of Contents

Prepare Server	1
LXC Config	1

Prepare Server

/etc/apt/sources.list

```
# jessie-backports
deb http://httpredir.debian.org/debian jessie-backports main contrib non-free
```

```
apt-cache search pve-header
apt-get install pve-headers-4.4.67-1-pve
```

```
apt-get install -t jessie-backports nvidia-driver
```

/etc/modules-load.d/modules.conf

```
nvidia
nvidia_uvm
```

```
update-initramfs -u
```

```
# /etc/udev/rules.d/70-nvidia.rules
# Create /nvidia0, /dev/nvidia1 ... and /nvidiactl when nvidia module is
loaded
KERNEL=="nvidia", RUN+="/bin/bash -c '/usr/bin/nvidia-smi -L && /bin/chmod
666 /dev/nvidia*'"
# Create the CUDA node when nvidia_uvm is loaded
KERNEL=="nvidia_uvm", RUN+="/bin/bash -c '/usr/bin/nvidia-modprobe -c0 -u &&
/bin/chmod 0666 /dev/nvidia-uvm*'"
```

LXC Config

```
# GPU Passthrough config
lxc.cgroup.devices.allow: c 195:* rwm
lxc.cgroup.devices.allow: c 243:* rwm
lxc.mount.entry: /dev/nvidia0 dev/nvidia0 none bind,optional,create=file
lxc.mount.entry: /dev/nvidiactl dev/nvidiactl none bind,optional,create=file
lxc.mount.entry: /dev/nvidia-uvm dev/nvidia-uvm none
bind,optional,create=file
lxc.mount.entry: /dev/nvidia-modeset dev/nvidia-modeset none
bind,optional,create=file
lxc.mount.entry: /dev/nvidia-uvm-tools dev/nvidia-uvm-tools none
bind,optional,create=file
```

From:
<https://wiki.janforman.com/> - **wiki.janforman.com**

Permanent link:
<https://wiki.janforman.com/proxmoxgpu>

Last update: **2017/06/16 20:58**

