OpenVPN in LXC

This guide quickly describes how to connect a Linux container as VPN client with OpenVPN.

There are some settings on the host's side required, because OpenVPN requires a specific `tun` interface.

1. Edit the config of the container that should get VPN functionalities

```
nano /etc/pve/lxc/<container-id>.conf
```

2. Add this two lines to the config:

```
lxc.cgroup2.devices.allow: c 10:200 rwm
lxc.mount.entry: /dev/net dev/net none bind,create=dir
```

3. After saving change the owner of the device:

```
chown 100000:100000 /dev/net/tun
```

4. You can check the permissions with:

```
ls -l /dev/net/tun
```

   It should print:

```
crw-rw-rw- 1 100000 100000 10, 200 Dec 22 13:26 /dev/net/tun
```

5. Finished! You can now start the container and connect to the OpenVPN server

```
openvpn --config <config-file>.ovpn
```

Sourced from pve.proxmox.com - OpenVPN in LXC

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