

[arch-general] tap device

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Hi,

I am setting up a network for a container.

I have a bridge br0 with a eth adapter "enp7s0" and a tap device "tap0"

```
/etc/netctl/bridge
Description="Bridge connection"
Interface=br0
Connection=bridge
BindsToInterfaces=(enp7s0 tap0)
IP=static
Address='192.168.1.87/24'
```

```
Gateway='192.168.1.254'
```

```
DNS='192.168.1.254'
```

```
/etc/netctl/ethernet
```

```
Description='ethernet connection'
```

```
Interface=enp7s0
```

```
Connection=ethernet
```

```
IP=no
```

```
IP6=no
```

```
/etc/netctl/tuntap
```

```
Description='tuntap connection'
```

```
Interface=tap0
```

```
Connection=tuntap
```

```
Mode='tap'
```

```
User='nobody'
```

```
Group='nobody'
```

```
*****
```

```
gabx at hortensia >> ~ % netctl list
```

```
* ethernet
```

```
* tuntap
```

```
* bridge
```

```
gabx at hortensia >> ~ % ip addr
```

```
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN
```

```
group default
```

```
link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
```

```

    inet 127.0.0.1/8 scope host lo
        valid_lft forever preferred_lft forever
    inet6 ::1/128 scope host
        valid_lft forever preferred_lft forever
2: enp7s0: <BROADCAST,MULTICAST,PROMISC,UP,LOWER_UP> mtu 1500 qdisc
pfifo_fast master br0 state UP group default qlen 1000
    link/ether 14:da:e9:b5:7a:88 brd ff:ff:ff:ff:ff:ff
3: tap0: <NO-CARRIER,BROADCAST,MULTICAST,PROMISC,UP> mtu 1500 qdisc
pfifo_fast master br0 state DOWN group default qlen 500
    link/ether 6a:1d:c3:4b:91:4d brd ff:ff:ff:ff:ff:ff
4: br0: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc noqueue state
UP group default
    link/ether 14:da:e9:b5:7a:88 brd ff:ff:ff:ff:ff:ff
    inet 192.168.1.87/24 brd 192.168.1.255 scope global br0
        valid_lft forever preferred_lft forever
    inet6 fe80::16da:e9ff:feb5:7a88/64 scope link
        valid_lft forever preferred_lft forever

```

[gabx at hortensia](#) >> ~ % lsmod | grep tun
58:tun 19783 1

I do not understand why the tap0 profile is listed as DOWN. (# ip link set dev tap0 up does nothing more)

I have a custom kernel. Do I need to add anything? Is there anything wrong on my netctl profiles ?

No dhcp enable.

TY for help

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