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Subject: IPv4 in IPv6 tunnel

Posted by [Torsten Mueller](#) on Sat, 07 Jul 2012 22:24:51 GMT

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Hello,

i have 2 hardware nodes, where CentOS 6.2 is running on both machines. Kernel: 2.6.32-042stab057.1

I installed on both machines openvz and created the containers.

Both HW nodes have a /64 IPv6 network.

On HW Node 1 there are only a limited number of IPv4 addresses, on HW node 2 there are some more usable IPv4 addresses.

As HW node 2 has a slower CPU, less HDD, ... i would like to use some of the (public) IPv4 addresses routed to HW node 2 on VPS of HW node 1.

I first thought about using openvpn, but it seems support for IPv6 as endpoints seems not to be working.

Then i thought about using

```
ip -6 tunnel add ip6tnl1 mode ip4ip6 remote 2b01:4b8:120:5345::220
```

```
local 2002:1408:17:1::1
```

but it failed with

```
ioctl: No such device
```

Am i on the wrong lane ?

Would you go another way ?

Probably someone already has setup something like this ?

Thanks Torsten

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