Statische Route auf anderes Interface konfigurieren

Zuerst muss die Console, bzw. gleich SSH nach dieser Anleitung aktiviert werden: [Unsupported Console und SSH aktivieren](#).

Jetzt kann man das Routing mittel „esxcfg-route" selbst einstellen:

```
~ # esxcfg-route -l
VMkernel Routes:
Network                 Netmask                 Gateway
10.10.10.0              255.255.255.0           Local Subnet
10.10.14.0              255.255.255.0           10.10.10.1
212.34.185.64           255.255.255.224         Local Subnet
default                 0.0.0.0                 212.34.185.65

# Route für das Netz 192.168.100.0 über 192.168.0.1 einrichten:
~ # esxcfg-route -a 192.168.100.0/24 192.168.0.1

# Hilfetext:
~ # esxcfg-route --help
esxcfg-route <options> [<network> <gateway>] | <default gateway>
   <network> can be specified in 3 ways:
     * As a single argument in <IP>/<Mask> format
     * Or as a <IP> <Netmask> pair.
     * Or as 'default'

  -a|--add                  Add route to the VMkernel,
                            requires <network> (described above)
                            and gateway IP address
  -d|--del                  Delete route from the VMkernel.
                            Requires <network> (described above)
  -l|--list                 List configured routes for the VMkernel
  -f|--family <V4> or <V6>  Address family to work on.
                            Defaults to V4.
  -r|--restore              Restore route setting to configured values
                            on system start. (INTERNAL USE ONLY)
  -h|--help                 Show this message.

If no options are specified then it will print the default IPv4 gateway.
The default IPv4 gateway can be set directly as : esxcfg-route <gateway>

Examples:

  To add a route to 192.168.100.0 network through 192.168.0.1
      esxcfg-route -a 192.168.100.0/24 192.168.0.1
      or
      esxcfg-route -a 192.168.100.0 255.255.255.0 192.168.0.1

  To set the VMkernel default gateway of 192.168.0.1
      esxcfg-route 192.168.0.1
      or
      esxcfg-route -a default 192.168.0.1

  To delete a 192.168.100.0 route from the VMkernel:
      esxcfg-route -d 192.168.100.0/24 192.168.0.1

  To add a route to  2001:10:20:253::/64 network through 2001:10:20:253::1
      esxcfg-route -f V6 -a 2001:10:20:253::/64 2001:10:20:253::1

  To set the VMkernel default gateway of 2001:10:20:253::1
      esxcfg-route -f V6 -a default 2001:10:20:253::1

  To delete a 2001:10:20:253:: route from the VMkernel:
      esxcfg-route -f V6 -d 2001:10:20:253::/64 2001:10:20:253::1
```

Ein Reboot steht zwar noch aus, aber die Routen sollten dann wiederhergestellt werden. Zumindest in der Konfigurationsdatei wurden sie eingetragen:

```
~ # grep routes /etc/vmware/esx.conf
/net/routes/kernel/gateway = "192.168.0.1"
/net/routes/kernel/routes/child[0000]/gateway = "192.168.0.1"
/net/routes/kernel/routes/child[0000]/network = "192.168.100.0/24"
```