

Hello,

here is the error message if I'm having only -net 191.255.255.1 dev venet0 in /etc/conf.d/net on gentoo:

```
+ [[ -net 191.255.255.1/24 dev venet0 == *.* ]]
+ /sbin/route add -net 191.255.255.1/24 dev venet0
route: netmask doesn't match route address
Usage: route [-nNvee] [-FC] [<AF>]          List kernel routing tables
        route [-v] [-FC] {add|del|flush} ... Modify routing table for AF.
```

```
route {-h|--help} [<AF>]          Detailed usage syntax for specified AF.
route {-V|--version}             Display version/author and exit.
```

```
-v, --verbose           be verbose
-n, --numeric           don't resolve names
-e, --extend            display other/more information
-F, --fib               display Forwarding Information Base (default)
-C, --cache             display routing cache instead of FIB
```

<AF>=Use '-A <af>' or '--<af>'; default: inet

List of possible address families (which support routing):

```
inet (DARPA Internet) inet6 (IPv6) ax25 (AMPR AX.25)
netrom (AMPR NET/ROM) ipx (Novell IPX) ddp (Appletalk DDP)
x25 (CCITT X.25)
```

```
+ eend 4
+ local retval=4
+ shift
+ _eend 4 eerror "
+ local retval=4 efunc=eerror msg
+ shift 2
+ [[ 4 == 0 ]]
+ [[ -n " ]]
+ msg='[ !! ]'
+ [[ yes == yes ]]
```

[!!]' echo -e '

[!!]

```
+ return 4
+ LAST_E_CMD=eend
+ return 4
+ for x in "${routes[@]}"
+ x='default gw 191.255.255.1'
+ ebegin 'default gw 191.255.255.1'
+ local 'msg=default gw 191.255.255.1' dots spaces=
```

```

+ [[ no == yes ]]
+ [[ -n " " ]]
+ msg='default gw 191.255.255.1 ...'
+ einfo 'default gw 191.255.255.1 ...'
+ [[ no == yes ]]
+ [[ yes != yes ]]
+ echo -ne ' *      default gw 191.255.255.1 ...'
 *      default gw 191.255.255.1 ...+ LAST_E_CMD=einfo
+ return 0
+ [[ yes == yes ]]
+ echo

+ LAST_E_LEN=35
+ LAST_E_CMD=ebegin
+ return 0
+ [[ default gw 191.255.255.1 == *.* ]]
+ /sbin/route add default gw 191.255.255.1
SIOCADDRT: Network is unreachable
+ eend 7

```

It's working with

-net 191.255.255.1 netmask 255.255.255.255 dev venet0 as you can see here:

```

+ return 0
+ [[ -net 191.255.255.1 netmask 255.255.255.255 dev venet0 == *.* ]]
+ /sbin/route add -net 191.255.255.1 netmask 255.255.255.255 dev venet0
+ eend 0

```

HTH,
Steffen

PS: The way my patch is working, it's done for debian too.

debian-add_ip.sh:

```
up route add -net ${FAKEGATEWAY} netmask 255.255.255.255 dev ${VENET_DEV}
```
