
Subject: Re: Changed gentoo-add_ip.sh to work with baselayout-vserver-1.11.14-r3
Posted by [steffen.zieger](#) on Thu, 02 Mar 2006 16:30:56 GMT

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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}
```