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Subject: Re: Changed gentoo-add\_ip.sh to work with baselayout-vserver-1.11.14-r3  
Posted by [Jason Stubbs](#) on Mon, 13 Mar 2006 04:24:17 GMT

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```
put_param3 ${IFCFG} "routes_${VENET_DEV}" "-net ${FAKEGATEWAYNET}/24"
```

```
baselayout-1.11.14-r4/ifconfig: Works  
baselayout-1.11.14-r4/iproute2: "-net" parameter isn't handled  
baselayout-1.12.0_pre16/ifconfig: Works  
baselayout-1.12.0_pre16/iproute2: Works
```

```
put_param3 ${IFCFG} "routes_${VENET_DEV}" "-net ${FAKEGATEWAY} netmask  
255.255.255.255"
```

```
baselayout-1.11.14-r4/ifconfig: Works  
baselayout-1.11.14-r4/iproute2: "-net" and "netmask" parameters aren't handled  
baselayout-1.12.0_pre16/ifconfig: Works  
baselayout-1.12.0_pre16/iproute2: "netmask" parameter isn't handled
```

```
put_param3 ${IFCFG} "routes_${VENET_DEV}" "${FAKEGATEWAY}"
```

```
baselayout-1.11.14-r4/ifconfig: Works  
baselayout-1.11.14-r4/iproute2: Works  
baselayout-1.12.0_pre16/ifconfig: Works  
baselayout-1.12.0_pre16/iproute2: Defaults to "-net" if not specified (not a network)
```

```
put_param3 ${IFCFG} "routes_${VENET_DEV}" "${FAKEGATEWAY}/32"
```

```
baselayout-1.11.14-r4/ifconfig: Works  
baselayout-1.11.14-r4/iproute2: Works  
baselayout-1.12.0_pre16/ifconfig: Defaults to "-net" if not specified (ifconfig thinks /32 net is  
invalid)  
baselayout-1.12.0_pre16/iproute2: Works
```

```
put_param3 ${IFCFG} "routes_${VENET_DEV}" "${FAKEGATEWAYNET}/24"
```

```
baselayout-1.11.14-r4/ifconfig: Works  
baselayout-1.11.14-r4/iproute2: Works  
baselayout-1.12.0_pre16/ifconfig: Works  
baselayout-1.12.0_pre16/iproute2: Works
```

Hence, I'd leave it as it is now (other than the s/venet/\${VENET\_DEV} change) or go with:

```

--- gentoo-add_ip.sh.orig    2006-03-01 09:46:27.000000000 +0100
+++ gentoo-add_ip.sh       2006-03-11 18:47:52.805755280 +0100
@@ -37,7 +36,7 @@
    rc-update del net.eth0 &>/dev/null
    ln -sf /etc/init.d/net.lo /etc/init.d/net.${VENET_DEV}
    rc-update add net.lo boot &>/dev/null
-   rc-update add net.venet0 default &>/dev/null
+   rc-update add net.${VENET_DEV} default &>/dev/null
    if ! grep -qe "^config_eth" ${IFCFG} 2>/dev/null; then
        return 0
    fi
@@ -54,7 +53,7 @@
    fix_net
    put_param3 ${IFCFG} "config_${VENET_DEV}" ""
    # add fake route
-   put_param3 ${IFCFG} "routes_${VENET_DEV}" "-net ${FAKEGATEWAYNET}/24"
+   put_param3 ${IFCFG} "routes_${VENET_DEV}" "${FAKEGATEWAYNET}/24"
    add_param3 ${IFCFG} "routes_${VENET_DEV}" "default via ${FAKEGATEWAY}"
    # Set up /etc/hosts
    if [ ! -f ${HOSTFILE} ]; then

```

1.11.14 modules only handle the gw/via difference. The modules in 1.12 also handle -net and -host/scope translations. Hence, the current setting is descriptive and will be fully supported with future versions, whereas the above patch would make it less descriptive and would rely on 1.12's (likely to be forward-compatible) -net route assumption but is compatible with all versions.

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