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Subject: Re: OpenVZ on CentOS 5 network issues  
Posted by [locutius](#) on Wed, 15 Aug 2007 03:21:14 GMT  
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i enabled source based routing in sysctl.conf with:-

```
net.ipv4.conf.default.accept_source_route = 1
net.ipv4.conf.all.accept_source_route = 1
```

then restarted the network on the HN:-

```
[root@xxx~]# service network restart
Shutting down interface eth0: [ OK ]
Shutting down interface venet0: [ OK ]
Shutting down loopback interface: [ OK ]
Disabling IPv4 packet forwarding: [ OK ]
Setting network parameters: [ OK ]
Bringing up loopback interface: [ OK ]
Bringing up interface eth0: [ OK ]
Bringing up interface venet0: [ OK ]
```

everything ok, but then in the VE:-

```
[root@vps101 /]# service network restart
Shutting down interface venet0: [ OK ]
Shutting down loopback interface: [ OK ]
Setting network parameters: net.ipv4.ip_forward = 0
net.ipv4.conf.default.rp_filter = 1
net.ipv4.conf.default.accept_source_route = 0
error: unknown error 1 setting key 'kernel.sysrq'
error: unknown error 1 setting key 'kernel.core_uses_pid'
[FAILED]
Bringing up loopback interface: [ OK ]
Bringing up interface venet0: [ OK ]
```

then from HN:-

```
Kernel IP routing table
Destination     Gateway         Genmask        Flags Metric Ref  Use Iface
85.17.*the VE IP* 0.0.0.0      255.255.255.255 UH    0      0      0 venet0
85.17.*the HN IP* 0.0.0.0      255.255.255.192 U     0      0      0 eth0
169.254.0.0     0.0.0.0       255.255.0.0     U     0      0      0 eth0
0.0.0.0          85.17.182.254 0.0.0.0       UG    0      0      0 eth0
```

and from ve:-

```
[root@vps101 /]# route -n
Kernel IP routing table
```

Destination	Gateway	Genmask	Flags	Metric	Ref	Use	Iface
192.0.2.0	0.0.0.0	255.255.255.0	U	0	0	0	venet0
169.254.0.0	0.0.0.0	255.255.0.0	U	0	0	0	venet0
0.0.0.0	192.0.2.1	0.0.0.0	UG	0	0	0	venet0

any ideas?

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