
Subject: Squid on OpenVZ CentsOs container

Posted by [rsclmumbai](#) on Tue, 11 May 2010 11:59:43 GMT

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Hello,

A friend a has setup my first OpenVZ server on CentOS 5.4

One container is created using centos-5 template.

I then installed squid in the VM.

My ifconfig looks like this:

```
[root@vps-101-gw-LL ~]# ifconfig
```

```
lo      Link encap:Local Loopback
        inet addr:127.0.0.1  Mask:255.0.0.0
        inet6 addr: ::1/128 Scope:Host
        UP LOOPBACK RUNNING  MTU:16436  Metric:1
        RX packets:25 errors:0 dropped:0 overruns:0 frame:0
        TX packets:25 errors:0 dropped:0 overruns:0 carrier:0
        collisions:0 txqueuelen:0
        RX bytes:1364 (1.3 KiB)  TX bytes:1364 (1.3 KiB)
```

```
venet0  Link encap:UNSPEC  HWaddr 00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00
        inet addr:127.0.0.1  P-t-P:127.0.0.1  Bcast:0.0.0.0  Mask:255.255.255.255
        UP BROADCAST POINTOPOINT RUNNING NOARP  MTU:1500  Metric:1
        RX packets:226 errors:0 dropped:0 overruns:0 frame:0
        TX packets:229 errors:0 dropped:0 overruns:0 carrier:0
        collisions:0 txqueuelen:0
        RX bytes:20076 (19.6 KiB)  TX bytes:41658 (40.6 KiB)
```

```
venet0:0  Link encap:UNSPEC  HWaddr 00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00
        inet addr:192.168.1.23  P-t-P:192.168.1.23  Bcast:192.168.1.23  Mask:255.255.255.255
        UP BROADCAST POINTOPOINT RUNNING NOARP  MTU:1500  Metric:1
```

I have added the following 2 lines in my rc.local:

```
echo 1 > /proc/sys/net/ipv4/ip_forward
iptables -t nat -A PREROUTING -i venet0 -p tcp --dport 80 -j REDIRECT --to-port 8080
```

The problem is here:

When a client PC's browser tries to access any website, I get "PAGE CANNOT BE DISPLAYED" error. Requests do not reach squid.

If I setup proxy setting in the browser as 192.168.1.23:80 then the requests reach squid and the pages are served well.

I am unable to understand why should I have to define PROXY settings in browser. Standard browser requests are sent to port 80 anyways, which should reach squid.

Note: in browser's proxy setting, the PORT is set to 80. Not 3128.

Any pointers or ideas are appreciated.

Thx
Sans
