
Subject: Re: firewalls for vps.

Posted by [sanjooz_2002](#) on Thu, 07 Dec 2006 10:27:37 GMT

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Hi dim,

Well, I have solved the main problem .i.e the loading of modules. I just edited the IPTABLES line in the /etc/sysconfig/vz file. Now it looks something like this:

```
IPTABLES="ipt_REJECT ipt_tos ipt_limit ipt_multiport iptable_filter iptable_mangle ipt_TCPMSS  
ipt_tcpmss ipt_ttl ipt_length ip_conntrack ip_conntrack_ftp ip_conntrack_irc ipt_LOG ipt_conntrack  
ipt_helper ipt_state iptable_nat ip_nat_ftp ip_nat_irc ipt_TOS"
```

!!!! I know I have loaded all the modules and I am not sure if that is a good idea. But, anyways it has solved my problem partially. I have tried accessing a blocked port on my vps and as desired it was inaccessible. Now when I run the rc.firewall script I get the following output

```
#####
```

```
    setting global variables
```

```
    applying general security settings to /proc filesystem
```

```
/usr/src/quicktables-2.3/rc.firewall: line 16: /proc/sys/net/ipv4/tcp_syncookies: Operation not  
permitted
```

```
    applying icmp rules
```

```
    applying the open port(s) to the firewall rules
```

```
    applying default drop policies
```

```
### quicktables is loaded ###
```

Now, as you can see, the only problem is the /proc/sys/netip4/tcp_syncookies. After reading through few security related articles on the internet I realized that it is meant to thwart SYN attack. I looked at the permission rights for this file. it was 644. I tried changing it but to no avail (although I was logged in as root). I even tried to delete it , but it still says that "operation not permitted". Any ideas on how to deal with this problem??

Thanks!!

cheers;
