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/netipv4/tcp_syncookies. After reading through few security related artcicles 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;