Subject: IPTables Modules not loading on Boot, although /etc/sysconfig/iptables-config is correct
Posted by MikeDVB on Wed, 14 Nov 2012 10:44:24 GMT

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I've run into a bit of a strange issue, I'm not sure if it's a bug so I'm looking for some general information at this point.

Linux redacted.redacted.com 2.6.18-308.8.2.el5.028stab101.1 #1 SMP Sun Jun 24 20:25:35 MSD 2012 x86_64 x86_64 x86_64 GNU/Linux

vzctl-4.1-1
vzctl-core-4.1-1
vzctl-core-4.1-1
ovzkernel-devel-2.6.18-308.8.2.el5.028stab101.1
vzquota-3.1-1
ovzkernel-2.6.18-308.8.2.el5.028stab101.1

The IPTABLES_MODULES line from the /etc/sysconfig/iptables-config is:
IPTABLES_MODULES="ipt_REJECT ipt_tos ipt_TOS ipt_LOG ip_conntrack ipt_limit ipt_multiport iptable_filter iptable_mangle ipt_TCPMSS ipt_tcpmss ipt_ttl ipt_length ipt_state iptable_nat ip_nat_ftp ipt_owner ipt_REDIRECT"

When the node boots up, just about every VPS is unreachable from outside the node. If I modprobe all of those modules above, and then restart a VPS I am able to reach it as expected. The same modules are also listed in /etc/vz/vz.conf

My current fix for this is a bit of a kludge - I've disabled the vz service on boot, and then I modprobe those modules followed by service vz start in the /etc/rc.local

If I have a configuration file issue somewhere, ideally I'd just like to fix it and document the issue so others in the future can readily fix the issue. If this is an OpenVZ / Kernel bug - then I'll file the necessary report but don't want to 'jump the gun' on that.

If you need any information at all that isn't provided, let me know.