Subject: CENTOS 5.2 PAE SMP sysctl
Posted by valmon on Tue, 14 Apr 2009 07:58:52 GMT
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http://www.howtoforge.com/installing-and-using-openvz-on-cen tos5.2

RAM 8Gb

Linux host-46-129 2.6.18-92.1.18.el5.028stab060.8PAE #1 SMP Mon Feb 9 22:32:30 MSK 2009

nuz-2.6.18-92.1.18.el5.028stab060.8PAE# grub.conf generated by anaconda
#
Note that you do not have to rerun grub after making changes to this file
NOTICE: You have a /boot partition. This means that
all kernel and initrd paths are relative to /boot/, eg.
root (hd0,0)
kernel /vmlinuz-version ro root=/dev/VolGroup00/LogVol00
initrd /initrd-version.img
 #boot=/dev/mapper/ddf1_4c534920202020208086292500000000003714e fbe00000a28
default=0
timeout=5
splashimage=(hd0,0)/grub/splash.xpm.gz
hiddenmenu
title CentOS (2.6.18-92.1.18.el5.028stab060.8PAE)
        root (hd0,0)
        kernel /vmlinuz-2.6.18-92.1.18.el5.028stab060.8PAE ro root=/dev/VolGroup00/LogVol00
        initrd /initrd-2.6.18-92.1.18.el5.028stab060.8PAE.img
title CentOS (2.6.18-128.1.6.el5PAE)
        root (hd0,0)
        kernel /vmlinuz-2.6.18-128.1.6.el5PAE ro root=/dev/VolGroup00/LogVol00
        initrd /initrd-2.6.18-128.1.6.el5PAE.img
title CentOS (2.6.18-128.el5PAE)
        root (hd0,0)
        kernel /vmlinuz-2.6.18-128.el5PAE ro root=/dev/VolGroup00/LogVol00

initrd /initrd-2.6.18-128.el5PAE.img

****
* This system has more than 8 Gigabyte of memory. *
* It is recommended to install enterprise kernel version *
****

sysctl.conf

```
net.ipv4.ip_forward = 1
net.ipv4.conf.default.proxy_arp = 0
net.ipv4.conf.all.rp_filter = 1
kernel.sysrq = 1
net.ipv4.conf.default.send_redirects = 1
net.ipv4.conf.all.send_redirects = 0
net.ipv4.icmp_echo_ignore_broadcasts=1
net.ipv4.conf.default.forwarding=1


# Kernel sysctl configuration file for Red Hat Linux
#
# For binary values, 0 is disabled, 1 is enabled.  See sysctl(8) and
# sysctl.conf(5) for more details.

# Controls IP packet forwarding
net.ipv4.ip_forward = 0

# Controls source route verification
net.ipv4.conf.default.rp_filter = 1

# Do not accept source routing
net.ipv4.conf.default.accept_source_route = 0

# Controls the System Request debugging functionality of the kernel
kernel.sysrq = 0

# Controls whether core dumps will append the PID to the core filename
# Useful for debugging multi-threaded applications
kernel.core_uses_pid = 1

# Controls the use of TCP syncookies
net.ipv4.tcp_syncookies = 1

# Controls the maximum size of a message, in bytes
```

kernel.msgmnb = 65536

# Controls the default maxmimum size of a mesage queue
kernel.msgmax = 65536

# Controls the maximum shared segment size, in bytes
kernel.shmmax = 4294967295

# Controls the maximum number of shared memory segments, in pages
kernel.shmall = 268435456