Subject: Kernel used with slackware?
Posted by penguin_2007 on Sun, 07 Sep 2008 00:11:37 GMT
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Hi all,
Please teach kernel used with slackware12.0 which to be used.

link from following URL.
http://wiki.openvz.org/Download/kernel

Subject: Re: Kernel used with slackware?
Posted by curx on Sun, 07 Sep 2008 08:50:57 GMT
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Hi,

on http://www.slackware.com/announce/12.1.php shows:

[...]
Here are some of the advanced features of Slackware 12.1:

- Runs the 2.6.24.5 version of the Linux kernel from ftp.kernel.org.
  Also included is a kernel patched with Speakup to support speech
  synthesizers providing access to Linux for the visually impaired
  community. The 2.6.x kernel series has matured into a stable
  kernel, and provides reliable performance for your desktop or
  your production server.
[...]

So you can try the 2.6.24er (devel) OpenVZ patch and built a own OpenVZ Kernel (->
http://wiki.openvz.org/Download/kernel/2.6.24/2.6.24-ovz005. 1)

Subject: Re: Kernel used with slackware?
Posted by penguin_2007 on Mon, 08 Sep 2008 01:02:19 GMT
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Dir curx
Thank you for the reply.
The domination of version 12.1 has been understood well.
The patch taught to the kernel source code is restructured, and it
applies, and the system is restructured for openvz.

Subject: Re: Kernel used with slackware?
Posted by penguin_2007 on Sun, 14 Sep 2008 03:33:02 GMT
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Referring to given information
Though it installed as follows
Please teach the method of settlement where the problem occurs
variously.

VFS: Cannot open root device "803" or unknown-block(8,3)
Please append a correct "root=" boot option; here are the available partitions;
Kernel panic - non syncing: VFS: Unable to mount root fs on unknown-block(8,3)

lilo -v
Warning: LBA32 addressing assumed
Reading boot sector from /dev/sda
Using BITMAP secondary loader
Calling map_insert_data
Mapping bitmap file /boot/slack.bmp
Calling map_insert_file

Boot image: /boot/vmlinuz-huge-smp-2.6.24.5-smp
Added Linux *

Boot image: /boot/vmlinuz-2.6.24.8-union
Added Linux-union

Boot image: /boot/vmlinuz-2.6.24-ovz
Added Linux-ovz

Writing boot sector.
/boot/boot.0800 exists - no boot sector backup copy made.
One warning was issued.

tar vjxf linux-2.6.24.tar.bz2
cd linux-2.6.24
gzip -dc patch-ovz005.1-combined.gz | patch -p1
cp kernel-2.6.24-i686.config.ovz .config
make oldconfig
ln -sf linux-2.6.24 linux
cd /usr/src/linux
make
make bzImage
make modules
make modules_install
cp /usr/src/linux/arch/i386/boot/bzImage /boot/vmlinuz-2.6.24-ovz
cp /usr/src/linux/System.map /boot/System.map-2.6.24-ovz

ln -sf /boot/System.map-2.6.24-ovz /boot/System.map
cp /usr/src/linux/.config /boot/config-2.6.24-ovz
ln -sf /boot/config-2.6.24-ovz /boot/config
Edit of lilo
lilo -L
shutdown -r now

CPU : AMD Athlon(tm)64 Processor 35000+
Memory : DDR 1GHz
HDD : SATA 200G
OS : Slackware 12.1
.config : kernel-2.6.24-i686.config.ovz
patch : patch-ovz005.1-combined.gz
LILO : version 22.8

Subject: Re: Kernel used with slackware?
Posted by curx on Sun, 14 Sep 2008 09:36:40 GMT
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Have you built a initrd as well ?

Plz show your /etc/lilo.conf.

Subject: Re: Kernel used with slackware?
Posted by penguin_2007 on Sun, 14 Sep 2008 10:05:46 GMT
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Thank you for the reply ..curx.. again.
No, initrd is not Bilded.
It did not know even the thing that initrd had to be Bilded.....
Lilo.conf and the relation file are posted.
It asks suitably.

cat /etc/lilo.conf
LILO configuration file
generated by 'liloconfig'
#
# Start LILO global section
# Append any additional kernel parameters:
append=" vt.default_utf8=0"
boot = /dev/sda

```
# Boot BMP Image.
# Bitmap in BMP format: 640x480x8
  bitmap = /boot/slack.bmp
# Menu colors (foreground, background, shadow, highlighted
# foreground, highlighted background, highlighted shadow):
  bmp-colors = 255,0,255,0,255,0
# Location of the option table: location x, location y, number of
# columns, lines per column (max 15), "spill" (this is how many
# entries must be in the first column before the next begins to
# be used.  We don't specify it here, as there's just one column.
  bmp-table = 60,6,1,16
# Timer location x, timer location y, foreground color,
# background color, shadow color.
  bmp-timer = 65,27,0,255

# Standard menu.
# Or, you can comment out the bitmap menu above and
# use a boot message with the standard menu:
#message = /boot/boot_message.txt

# Wait until the timeout to boot (if commented out, boot the
# first entry immediately):
prompt
# Timeout before the first entry boots.
# This is given in tenths of a second, so 600 for every minute:
timeout = 1200
# Override dangerous defaults that rewrite the partition table:
change-rules
  reset
# VESA framebuffer console @ 1024x768x256
vga = 773
# Normal VGA console
# vga = normal
# VESA framebuffer console @ 1024x768x64k
# vga=791
# VESA framebuffer console @ 1024x768x32k
# vga=790
# VESA framebuffer console @ 1024x768x256
# vga=773
# VESA framebuffer console @ 800x600x64k
# vga=788
# VESA framebuffer console @ 800x600x32k
# vga=787
# VESA framebuffer console @ 800x600x256
# vga=771
# VESA framebuffer console @ 640x480x64k
# vga=785
```

```
# VESA framebuffer console @ 640x480x32k
# vga=784
# VESA framebuffer console @ 640x480x256
# vga=769
# End LILO global section
# Linux bootable partition config begins
image = /boot/vmlinuz-huge-smp-2.6.24.5-smp
  root = /dev/sda3
  label = Linux
  read-only
image = /boot/vmlinuz-2.6.24.8-union
  root = /dev/sda3
  label = Linux-union
  read-only
image = /boot/vmlinuz-2.6.24-ovz
  root = /dev/sda3
  label = Linux-ovz
  read-only
# Linux bootable partition config ends

# df
Filesystem           1K-blocks      Used Available Use% Mounted on
/dev/sda3             9614148   2898764   6227008  32% /
/dev/sda1              474440     32933    417010   8% /boot
tmpfs                  645268         0    645268   0% /dev/shm
/dev/sdb1              511696    281768    229928  56% /mnt/usb

# cat /etc/fstab
/dev/sda2 swap  swap        defaults         0   0
/dev/sda3 /    ext3         defaults         1   1
/dev/sda1 /boot  ext2       defaults         1   2
/dev/cdrom /mnt/cdrom auto        noauto,owner,ro,users  0   0
/dev/fd0 /mnt/floppy auto         noauto,owner,users     0   0
/dev/sdb1 /mnt/usb auto           noauto,owner,users     0   0
devpts  /dev/pts devpts       gid=5,mode=620   0   0
proc  /proc  proc         defaults         0   0
tmpfs  /dev/shm tmpfs        defaults         0   0
```

Subject: Re: Kernel used with slackware?
Posted by penguin_2007 on Sun, 14 Sep 2008 13:21:07 GMT
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Hi curx and All
It reactivates, and was it thought the situation to be an improvement, and did the problem occur here, is not sda3 still recognized, and is it good the examination of mkinitrd, and making like this, and when solving it very?

```
# cd /root
# mkinitrd -c -m scsi_mod:sg:sd_mod:libata:sata_nv -r /dev/sda3 -k 2.6.24 -o
/boot/initrd-2.6.24.img


image = /boot/vmlinuz-2.6.24-ovz
initrd=/boot/initrd-2.6.24.img
root = /dev/sda3
label = Linux-ovz
read-only
# Linux bootable partition config ends


mount : mounting /dev/sda3 on rootdev(or not mounted)
Trouble ahead
You can try to fix it. Type 'exit' when things are done.


/ bin/sh : can't access tty; job control turned off
/ $ exit
initrd-2.6.24.img : exiting
switch -root:bad newroot /mnt
kernel panic -not syncing : Attempted to kill init!
```