Subject: Clean "boot" directory from old updates
Posted by _ib_ on Thu, 17 Dec 2009 00:44:06 GMT
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Nice time,

how can I remove old kernel updates? Should I delete not usable kernel files from /boot ?

/dev/sda1 99M 95M 0 100% /boot
.. so I will clear it for new updates.

grub.conf was manual changed, here new config:

#vi /boot/grub/grub.conf

```
title CentOS (2.6.18-164.2.1.el5.028stab066.10)
        root (hd0,0)
        kernel /vmlinuz-2.6.18-164.2.1.el5.028stab066.10 ro root=LABEL=/ acpi=off noapic nodmraid
        initrd /initrd-2.6.18-164.2.1.el5.028stab066.10.img
title Memtest86+ (1.65)
        root (hd0,0)
        kernel /memtest86+-1.65 ro root=LABEL=/ acpi=off noapic nodmraid
title CentOS (2.6.18-92.el5)
        root (hd0,0)
        kernel /vmlinuz-2.6.18-92.el5 ro root=LABEL=/ acpi=off noapic nodmraid
        initrd /initrd-2.6.18-92.el5.img
```

```
# ls -1
config-2.6.18-128.2.1.el5.028stab064.4
config-2.6.18-128.2.1.el5.028stab064.7
config-2.6.18-128.2.1.el5.028stab064.8
config-2.6.18-164.2.1.el5.028stab066.10
config-2.6.18-164.2.1.el5.028stab066.7
config-2.6.18-92.el5
grub
initrd-2.6.18-128.2.1.el5.028stab064.4.img
initrd-2.6.18-128.2.1.el5.028stab064.7.img
initrd-2.6.18-128.2.1.el5.028stab064.8.img
initrd-2.6.18-164.2.1.el5.028stab066.10.img
initrd-2.6.18-164.2.1.el5.028stab066.7.img
initrd-2.6.18-92.el5.img
lost+found
memtest86+-1.65
message
symvers-2.6.18-128.2.1.el5.028stab064.4.gz
symvers-2.6.18-128.2.1.el5.028stab064.7.gz
symvers-2.6.18-128.2.1.el5.028stab064.8.gz
```

symvers-2.6.18-164.2.1.el5.028stab066.10.gz
symvers-2.6.18-164.2.1.el5.028stab066.7.gz
symvers-2.6.18-92.el5.gz
System.map-2.6.18-128.2.1.el5.028stab064.4
System.map-2.6.18-128.2.1.el5.028stab064.7
System.map-2.6.18-128.2.1.el5.028stab064.8
System.map-2.6.18-164.2.1.el5.028stab066.10
System.map-2.6.18-164.2.1.el5.028stab066.7
System.map-2.6.18-92.el5
vmlinux-2.6.18-128.2.1.el5.028stab064.4
vmlinux-2.6.18-128.2.1.el5.028stab064.7
vmlinux-2.6.18-128.2.1.el5.028stab064.8
vmlinux-2.6.18-164.2.1.el5.028stab066.10
vmlinux-2.6.18-164.2.1.el5.028stab066.7
vmlinuz-2.6.18-128.2.1.el5.028stab064.4
vmlinuz-2.6.18-128.2.1.el5.028stab064.7
vmlinuz-2.6.18-128.2.1.el5.028stab064.8
vmlinuz-2.6.18-164.2.1.el5.028stab066.10
vmlinuz-2.6.18-164.2.1.el5.028stab066.7
vmlinuz-2.6.18-92.el5

can I delete from /boot directory files like:
-2.6.18-128.2.1.el5.028stab0

and leave here only
-2.6.18-164.2.1.el5.028stab0
?

#uname -r
2.6.18-164.2.1.el5.028stab066.10

rpm -q kernel
kernel-2.6.18-92.el5
kernel-2.6.18-128.1.6.el5
kernel-2.6.18-128.1.10.el5

Subject: Re: Clean "boot" directory from old updates
Posted by kir on Thu, 17 Dec 2009 03:21:43 GMT
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Since you are on an RPM-based system, the correct way is to remove RPMS, not files. Check the output of rpm -qa ovzkernel* and then run rpm -e on some older kernels. Be careful!

Alternatively, you can find out which package a file belongs to, for example: rpm -qf /boot/vmlinux-2.6.18-128.2.1.el5.028stab064.4 and then again run rpm -e on such packages.

Also, in case it's CentOS 5 AFAIR yum should take care of removing the old kernels. There is probably a setting in /etc/yum.conf which tells how many older kernels to keep -- you can lower that value to say 2 or 3 in case it's higher.

Subject: Re: Clean "boot" directory from old updates
Posted by _ib_ on Thu, 17 Dec 2009 23:22:03 GMT
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thank You.