

---

Subject: Re: Regenerate /boot/grub2/grub.cfg  
Posted by javii on Mon, 13 May 2019 11:26:58 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

Hi, our servers seems they are not wise enough, grub is generating conf for kernel containers:

```
[root@xxx ~]# grub2-mkconfig -o /boot/grub2/grub.cfg
Generating grub configuration file ...
Found linux image: /boot/vmlinuz-3.10.0-957.10.1.vz7.85.17
Found initrd image: /boot/initramfs-3.10.0-957.10.1.vz7.85.17.img
Found linux image: /boot/vmlinuz-3.10.0-862.20.2.vz7.73.29
Found initrd image: /boot/initramfs-3.10.0-862.20.2.vz7.73.29.img
Found linux image: /boot/vmlinuz-3.10.0-862.11.6.vz7.64.7
Found initrd image: /boot/initramfs-3.10.0-862.11.6.vz7.64.7.img
Found linux image: /boot/vmlinuz-3.10.0-862.9.1.vz7.63.3
Found initrd image: /boot/initramfs-3.10.0-862.9.1.vz7.63.3.img
Found linux image: /boot/vmlinuz-3.10.0-693.21.1.vz7.48.2
Found initrd image: /boot/initramfs-3.10.0-693.21.1.vz7.48.2.img
Found linux image: /boot/vmlinuz-0-rescue-e6718a50eaca4895b2d1dbf45bc7c021
Found initrd image: /boot/initramfs-0-rescue-e6718a50eaca4895b2d1dbf45bc7c021.img
Found CentOS Linux release 7.6.1810 (Core) on /dev/ploop15360p1
Found CentOS Linux release 7.6.1810 (Core) on /dev/ploop16120p1
Found CentOS release 5.11 (Final) on /dev/ploop24192p1
Found Ubuntu 16.04.4 LTS (16.04) on /dev/ploop25453p1
Found CentOS release 5.11 (Final) on /dev/ploop27099p1
Found CentOS Linux release 7.6.1810 (Core) on /dev/ploop30745p1
Found CentOS release 6.10 (Final) on /dev/ploop30895p1
Found CentOS release 6.10 (Final) on /dev/ploop35412p1
Found CentOS Linux release 7.6.1810 (Core) on /dev/ploop35431p1
Found CentOS Linux release 7.6.1810 (Core) on /dev/ploop40339p1
Found CentOS Linux release 7.6.1810 (Core) on /dev/ploop50665p1
Found CentOS release 6.10 (Final) on /dev/ploop53483p1
Found CentOS release 5.11 (Final) on /dev/ploop54152p1
done
```

```
[root@xxx ~]# cat /boot/grub2/grub.cfg
#
# DO NOT EDIT THIS FILE
#
# It is automatically generated by grub2-mkconfig using templates
# from /etc/grub.d and settings from /etc/default/grub
#

### BEGIN /etc/grub.d/00_header ###
set pager=1
```

```

if [ -s $prefix/grubenv ]; then
  load_env
fi
if [ "${next_entry}" ]; then
  set default="${next_entry}"
  set next_entry=
  save_env next_entry
  set boot_once=true
else
  set default="${saved_entry}"
fi

if [ x"${feature_menuentry_id}" = xy ]; then
  menuentry_id_option="--id"
else
  menuentry_id_option=""
fi

export menuentry_id_option

if [ "${prev_saved_entry}" ]; then
  set saved_entry="${prev_saved_entry}"
  save_env saved_entry
  set prev_saved_entry=
  save_env prev_saved_entry
  set boot_once=true
fi

function savedefault {
  if [ -z "${boot_once}" ]; then
    saved_entry="${chosen}"
    save_env saved_entry
  fi
}

function load_video {
  if [ x$feature_all_video_module = xy ]; then
    insmod all_video
  else
    insmod efi_gop
    insmod efi_uga
    insmod ieee1275_fb
    insmod vbe
    insmod vga
    insmod video_bochs
    insmod video_cirrus
  fi
}

```

```

terminal_output console
if [ x${feature_timeout_style} = xy ]; then
    set timeout_style=menu
    set timeout=5
# Fallback normal timeout code in case the timeout_style feature is
# unavailable.
else
    set timeout=5
fi
### END /etc/grub.d/00_header ###

### BEGIN /etc/grub.d/00_tuned ###
set tuned_params=""
set tuned_initrd=""
### END /etc/grub.d/00_tuned ###

### BEGIN /etc/grub.d/01_users ###
if [ -f ${prefix}/user.cfg ]; then
    source ${prefix}/user.cfg
    if [ -n "${GRUB2_PASSWORD}" ]; then
        set superusers="root"
        export superusers
        password_pbkdf2 root ${GRUB2_PASSWORD}
    fi
fi
### END /etc/grub.d/01_users ###

### BEGIN /etc/grub.d/10_linux ###
menuentry 'Virtuozzo 7.0.10 (3.10.0-957.10.1.vz7.85.17)' --class openvz --class gnu-linux --class
gnu --class os --unrestricted $menuentry_id_option
'gnulinux-3.10.0-957.10.1.vz7.85.17-advanced-8099cb68-5795-444d-9ccf-460cc7bac2b8' {
    load_video
    set gfxpayload=keep
    insmod gzio
    insmod part_gpt
    insmod part_gpt
    insmod diskfilter
    insmod mdraid1x
    insmod ext2
    set root='mduuid/89c3f1a2c4ec6ef6ad62b90f715e3111'
    if [ x${feature_platform_search_hint} = xy ]; then
        search --no-floppy --fs-uuid --set=root --hint='mduuid/89c3f1a2c4ec6ef6ad62b90f715e3111'
1a220f99-00e6-42c5-b1dd-2a01225659dd
    else
        search --no-floppy --fs-uuid --set=root 1a220f99-00e6-42c5-b1dd-2a01225659dd
    fi
    linux16 /vmlinuz-3.10.0-957.10.1.vz7.85.17 root=/dev/mapper/openvz-root ro

```

```

crashkernel=auto rd.lvm.lv=openvz/root rd.md.uuid=01cba6c6:00c669cf:fad77f81:67a61f20
rd.md.uuid=89c3f1a2:c4ec6ef6:ad62b90f:715e3111
rd.md.uuid=15e18a8a:0ebcafe8:5db9e077:854a62a4 quiet
    initrd16 /initramfs-3.10.0-957.10.1.vz7.85.17.img
}
menuentry 'Virtuozzo 7.0.10 (3.10.0-862.20.2.vz7.73.29)' --class openvz --class gnu-linux --class
gnu --class os --unrestricted $menuentry_id_option
'gnulinux-3.10.0-862.20.2.vz7.73.29-advanced-8099cb68-5795-444d-9ccf-460cc7bac2b8' {
    load_video
    set gfxpayload=keep
    insmod gzio
    insmod part_gpt
    insmod part_gpt
    insmod diskfilter
    insmod mdraid1x
    insmod ext2
    set root='mduuid/89c3f1a2c4ec6ef6ad62b90f715e3111'
    if [ x$feature_platform_search_hint = xy ]; then
        search --no-floppy --fs-uuid --set=root --hint='mduuid/89c3f1a2c4ec6ef6ad62b90f715e3111'
1a220f99-00e6-42c5-b1dd-2a01225659dd
    else
        search --no-floppy --fs-uuid --set=root 1a220f99-00e6-42c5-b1dd-2a01225659dd
    fi
    linux16 /vmlinuz-3.10.0-862.20.2.vz7.73.29 root=/dev/mapper/openvz-root ro
crashkernel=auto rd.lvm.lv=openvz/root rd.md.uuid=01cba6c6:00c669cf:fad77f81:67a61f20
rd.md.uuid=89c3f1a2:c4ec6ef6:ad62b90f:715e3111
rd.md.uuid=15e18a8a:0ebcafe8:5db9e077:854a62a4 quiet
    initrd16 /initramfs-3.10.0-862.20.2.vz7.73.29.img
}
menuentry 'Virtuozzo 7.0.10 (3.10.0-862.11.6.vz7.64.7)' --class openvz --class gnu-linux --class
gnu --class os --unrestricted $menuentry_id_option
'gnulinux-3.10.0-862.11.6.vz7.64.7-advanced-8099cb68-5795-444d-9ccf-460cc7bac2b8' {
    load_video
    set gfxpayload=keep
    insmod gzio
    insmod part_gpt
    insmod part_gpt
    insmod diskfilter
    insmod mdraid1x
    insmod ext2
    set root='mduuid/89c3f1a2c4ec6ef6ad62b90f715e3111'
    if [ x$feature_platform_search_hint = xy ]; then
        search --no-floppy --fs-uuid --set=root --hint='mduuid/89c3f1a2c4ec6ef6ad62b90f715e3111'
1a220f99-00e6-42c5-b1dd-2a01225659dd
    else
        search --no-floppy --fs-uuid --set=root 1a220f99-00e6-42c5-b1dd-2a01225659dd
    fi
    linux16 /vmlinuz-3.10.0-862.11.6.vz7.64.7 root=/dev/mapper/openvz-root ro

```

```

crashkernel=auto rd.lvm.lv=openvz/root rd.md.uuid=01cba6c6:00c669cf:fad77f81:67a61f20
rd.md.uuid=89c3f1a2:c4ec6ef6:ad62b90f:715e3111
rd.md.uuid=15e18a8a:0ebcafe8:5db9e077:854a62a4 quiet
    initrd16 /initramfs-3.10.0-862.11.6.vz7.64.7.img
}
menuentry 'Virtuozzo 7.0.10 (3.10.0-862.9.1.vz7.63.3)' --class openvz --class gnu-linux --class
gnu --class os --unrestricted $menuentry_id_option
'gnulinux-3.10.0-862.9.1.vz7.63.3-advanced-8099cb68-5795-444d-9ccf-460cc7bac2b8' {
    load_video
    set gfxpayload=keep
    insmod gzio
    insmod part_gpt
    insmod part_gpt
    insmod diskfilter
    insmod mdraid1x
    insmod ext2
    set root='mduuid/89c3f1a2c4ec6ef6ad62b90f715e3111'
    if [ x$feature_platform_search_hint = xy ]; then
        search --no-floppy --fs-uuid --set=root --hint='mduuid/89c3f1a2c4ec6ef6ad62b90f715e3111'
1a220f99-00e6-42c5-b1dd-2a01225659dd
    else
        search --no-floppy --fs-uuid --set=root 1a220f99-00e6-42c5-b1dd-2a01225659dd
    fi
    linux16 /vmlinuz-3.10.0-862.9.1.vz7.63.3 root=/dev/mapper/openvz-root ro crashkernel=auto
rd.lvm.lv=openvz/root rd.md.uuid=01cba6c6:00c669cf:fad77f81:67a61f20
rd.md.uuid=89c3f1a2:c4ec6ef6:ad62b90f:715e3111
rd.md.uuid=15e18a8a:0ebcafe8:5db9e077:854a62a4 quiet
    initrd16 /initramfs-3.10.0-862.9.1.vz7.63.3.img
}
menuentry 'Virtuozzo 7.0.10 (3.10.0-693.21.1.vz7.48.2)' --class openvz --class gnu-linux --class
gnu --class os --unrestricted $menuentry_id_option
'gnulinux-3.10.0-693.21.1.vz7.48.2-advanced-8099cb68-5795-444d-9ccf-460cc7bac2b8' {
    load_video
    set gfxpayload=keep
    insmod gzio
    insmod part_gpt
    insmod part_gpt
    insmod diskfilter
    insmod mdraid1x
    insmod ext2
    set root='mduuid/89c3f1a2c4ec6ef6ad62b90f715e3111'
    if [ x$feature_platform_search_hint = xy ]; then
        search --no-floppy --fs-uuid --set=root --hint='mduuid/89c3f1a2c4ec6ef6ad62b90f715e3111'
1a220f99-00e6-42c5-b1dd-2a01225659dd
    else
        search --no-floppy --fs-uuid --set=root 1a220f99-00e6-42c5-b1dd-2a01225659dd
    fi
    linux16 /vmlinuz-3.10.0-693.21.1.vz7.48.2 root=/dev/mapper/openvz-root ro

```

```

crashkernel=auto rd.lvm.lv=openvz/root rd.md.uuid=01cba6c6:00c669cf:fad77f81:67a61f20
rd.md.uuid=89c3f1a2:c4ec6ef6:ad62b90f:715e3111
rd.md.uuid=15e18a8a:0ebcafe8:5db9e077:854a62a4 quiet
    initrd16 /initramfs-3.10.0-693.21.1.vz7.48.2.img
}
menuentry 'Virtuozzo 7.0.10 (0-rescue-e6718a50eaca4895b2d1dbf45bc7c021)' --class openvz
--class gnu-linux --class gnu --class os --unrestricted $menuentry_id_option
'gnulinux-0-rescue-e6718a50eaca4895b2d1dbf45bc7c021-advanced-8099cb68-5795-444d-9ccf-4
60cc7bac2b8' {
    load_video
    insmod gzio
    insmod part_gpt
    insmod part_gpt
    insmod diskfilter
    insmod mdraid1x
    insmod ext2
    set root='mduuid/89c3f1a2c4ec6ef6ad62b90f715e3111'
    if [ x$feature_platform_search_hint = xy ]; then
        search --no-floppy --fs-uuid --set=root --hint='mduuid/89c3f1a2c4ec6ef6ad62b90f715e3111'
1a220f99-00e6-42c5-b1dd-2a01225659dd
    else
        search --no-floppy --fs-uuid --set=root 1a220f99-00e6-42c5-b1dd-2a01225659dd
    fi
    linux16 /vmlinuz-0-rescue-e6718a50eaca4895b2d1dbf45bc7c021
root=/dev/mapper/openvz-root ro crashkernel=auto rd.lvm.lv=openvz/root
rd.md.uuid=01cba6c6:00c669cf:fad77f81:67a61f20
rd.md.uuid=89c3f1a2:c4ec6ef6:ad62b90f:715e3111
rd.md.uuid=15e18a8a:0ebcafe8:5db9e077:854a62a4 quiet
    initrd16 /initramfs-0-rescue-e6718a50eaca4895b2d1dbf45bc7c021.img
}

```

```

### END /etc/grub.d/10_linux ###

```

```

### BEGIN /etc/grub.d/20_linux_xen ###
### END /etc/grub.d/20_linux_xen ###

```

```

### BEGIN /etc/grub.d/20_ppc_terminfo ###
### END /etc/grub.d/20_ppc_terminfo ###

```

```

### BEGIN /etc/grub.d/30_os-prober ###
menuentry 'CentOS Linux release 7.6.1810 (Core) (on /dev/ploop15360p1)' --class gnu-linux
--class gnu --class os $menuentry_id_option
'osprober-gnulinux-simple-3c124667-8950-4f97-a601-86343043b9e1' {
    insmod ext2
    if [ x$feature_platform_search_hint = xy ]; then
        search --no-floppy --fs-uuid --set=root 3c124667-8950-4f97-a601-86343043b9e1
    else
        search --no-floppy --fs-uuid --set=root 3c124667-8950-4f97-a601-86343043b9e1
    fi
}

```

```

fi
linux /boot/vmlinuz-3.10.0-514.10.2.el7.x86_64 root=/dev/ploop15360p1
initrd /boot/initramfs-3.10.0-514.10.2.el7.x86_64.img
}
submenu 'Advanced options for CentOS Linux release 7.6.1810 (Core) (on /dev/ploop15360p1)'
$menuentry_id_option 'osprober-gnulinuz-advanced-3c124667-8950-4f97-a601-86343043b9e1' {
    menuentry 'CentOS Linux release 7.6.1810 (Core) (on /dev/ploop15360p1)' --class gnu-linux
--class gnu --class os $menuentry_id_option
'osprober-gnulinuz-/boot/vmlinuz-3.10.0-514.10.2.el7.x86_64--3c124667-8950-4f97-a601-863430
43b9e1' {
    insmod ext2
    if [ x$feature_platform_search_hint = xy ]; then
        search --no-floppy --fs-uuid --set=root 3c124667-8950-4f97-a601-86343043b9e1
    else
        search --no-floppy --fs-uuid --set=root 3c124667-8950-4f97-a601-86343043b9e1
    fi
    linux /boot/vmlinuz-3.10.0-514.10.2.el7.x86_64 root=/dev/ploop15360p1
    initrd /boot/initramfs-3.10.0-514.10.2.el7.x86_64.img
}
    menuentry 'CentOS Linux release 7.6.1810 (Core) (on /dev/ploop15360p1)' --class gnu-linux
--class gnu --class os $menuentry_id_option
'osprober-gnulinuz-/boot/vmlinuz-3.10.0-957.1.3.el7.x86_64--3c124667-8950-4f97-a601-8634304
3b9e1' {
    insmod ext2
    if [ x$feature_platform_search_hint = xy ]; then
        search --no-floppy --fs-uuid --set=root 3c124667-8950-4f97-a601-86343043b9e1
    else
        search --no-floppy --fs-uuid --set=root 3c124667-8950-4f97-a601-86343043b9e1
    fi
    linux /boot/vmlinuz-3.10.0-957.1.3.el7.x86_64 root=/dev/ploop15360p1
    initrd /boot/initramfs-3.10.0-957.1.3.el7.x86_64.img
}
}

```

.....

```
### END /etc/grub.d/30_os-prober ###
```

```
### BEGIN /etc/grub.d/40_custom ###
```

```
# This file provides an easy way to add custom menu entries.  Simply type the
# menu entries you want to add after this comment.  Be careful not to change
# the 'exec tail' line above.
```

```
### END /etc/grub.d/40_custom ###
```

```
### BEGIN /etc/grub.d/41_custom ###
```

```
if [ -f ${config_directory}/custom.cfg ]; then
    source ${config_directory}/custom.cfg
elif [ -z "${config_directory}" -a -f $prefix/custom.cfg ]; then
    source $prefix/custom.cfg;
```

```
fi
```

### END /etc/grub.d/41\_custom ###

Thank you. Regards.

---