

Grub2

RedHat/CentOS 7

????

- /etc/default/grub?????
- /etc/grub.d/40_custom?????

????????????????

```
grub2-mkconfig -o /boot/grub2/grub.cfg

#  EFI 
grub2-mkconfig -o /boot/efi/EFI/centos/grub.cfg
```

????????

???????? /etc/default/grub ??? GRUB_DEFAULT ????????? GRUB_DEFAULT ?????
saved???????? /boot/grub2/grubenv ?????????

```
# 
awk -F\ ' $1=="menuentry " {print $2}' /boot/grub2/grub.cfg
# 
grep "^menuentry" /boot/grub2/grub.cfg | cut -d '"' -f2

# 
grub2-editenv list

saved_entry=CentOS Linux (3.10.0-229.14.1.el7.x86_64) 7 (Core)

# 
grub2-set-default 2          # NOTE:  0
```

???? GRUB

????? single user mode ????? root ???

????

```
[root@rh4 ~]# /sbin/grub-md5-crypt
Password:
Retype password:
$1$Nk8AX$zsPr79zeiwd0zwF94DND60
```

?? /boot/grub/grub.conf

?? password ????????????????

```
default=0
timeout=5

# Password Protecting GRUB
password --md5 $1$Nk8AX$zsPr79zeiwd0zwF94DND60

splashimage=(hd0,0)/grub/splash.xpm.gz
hiddenmenu
```

Learning

- [How to Rescue, Repair and Reinstall GRUB Boot Loader in Ubuntu](#)