

Are you experiencing a boot failure with CentOS like this:

```
systemd[1]: Failed to load SELinux policy. Freezing.  
_
```

If so, the following instructions **may** fix the problem... or not...

Start your VM.

When you get the boot menu...

```
CentOS Linux (3.10.0-862.11.6.el7.x86_64) 7 (Core)
CentOS Linux (3.10.0-862.el7.x86_64) 7 (Core)
CentOS Linux (0-rescue-875bc69cc9e64acd8c563fb253bc2e29) 7 (Core)

Use the ↑ and ↓ keys to change the selection.
Press 'e' to edit the selected item, or 'c' for a command prompt.
```

Press 'e' to enter edit mode...

You'll see a display of the grub boot instructions:

```
setparams 'CentOS Linux (3.10.0-862.11.6.el7.x86_64) 7 (Core)'  
  
    load_video  
    set gfxpayload=keep  
    insmod gzio  
    insmod part_msdos  
    insmod xfs  
    set root='hd0,msdos1'  
    if [ x${feature_platform_search_hint} = xy ]; then  
        search --no-floppy --fs-uuid --set=root --hint-bios=hd0,msdos1 --hin\nt-efi=hd0,msdos1 --hint-baremetal=ahci0,msdos1 --hint='hd0,msdos1' d120cc92-c\762-42b7-90a0-6fae405b5a99  
    else  
        search --no-floppy --fs-uuid --set=root d120cc92-c762-42b7-90a0-6fae\405b5a99  
    fi  
  
    Press Ctrl-x to start, Ctrl-c for a command prompt or Escape to  
    discard edits and return to the menu. Pressing Tab lists  
    possible completions.
```

Use the arrow keys to move down...

... until you see a line beginning with `linux16`:

```
insmod xfs
set root='hd0,msdos1'
if [ x${feature_platform_search_hint} = xy ]; then
    search --no-floppy --fs-uuid --set=root --hint-bios=hd0,msdos1 --hin\
t-efi=hd0,msdos1 --hint-baremetal=ahci0,msdos1 --hint='hd0,msdos1' d120cc92-c\
762-42b7-90a0-6fae405b5a99
else
    search --no-floppy --fs-uuid --set=root d120cc92-c762-42b7-90a0-6fae\
405b5a99
fi
linux16 /vmlinuz-3.10.0-862.11.6.el7.x86_64 root=/dev/mapper/centos-ro\
ot ro crashkernel=auto rd.lvm.lv=centos/root rd.lvm.lv=centos/swap rhgb quiet \
LANG=en_US.UTF-8
initrd16 /initramfs-3.10.0-862.11.6.el7.x86_64.img
```

Press `Ctrl-x` to start, `Ctrl-c` for a command prompt or `Escape` to discard edits and return to the menu. Pressing `Tab` lists possible completions.

Move the cursor to a good spot in the parameter list for the command ...

... and enter `selinux=0`:

```
insmod xfs
set root='hd0,msdos1'
if [ x${feature_platform_search_hint} = xy ]; then
    search --no-floppy --fs-uuid --set=root --hint-bios=hd0,msdos1 --hin\
t-efi=hd0,msdos1 --hint-baremetal=ahci0,msdos1 --hint='hd0,msdos1' d120cc92-c\
762-42b7-90a0-6fae405b5a99
else
    search --no-floppy --fs-uuid --set=root d120cc92-c762-42b7-90a0-6fae\
405b5a99
fi
linux16 /vmlinuz-3.10.0-862.11.6.el7.x86_64 root=/dev/mapper/centos-ro\
ot ro crashkernel=auto selinux=0 rd.lvm.lv=centos/root rd.lvm.lv=centos/swap r\
hgb quiet LANG=en_US.UTF-8
initrd16 /initramfs-3.10.0-862.11.6.el7.x86_64.img

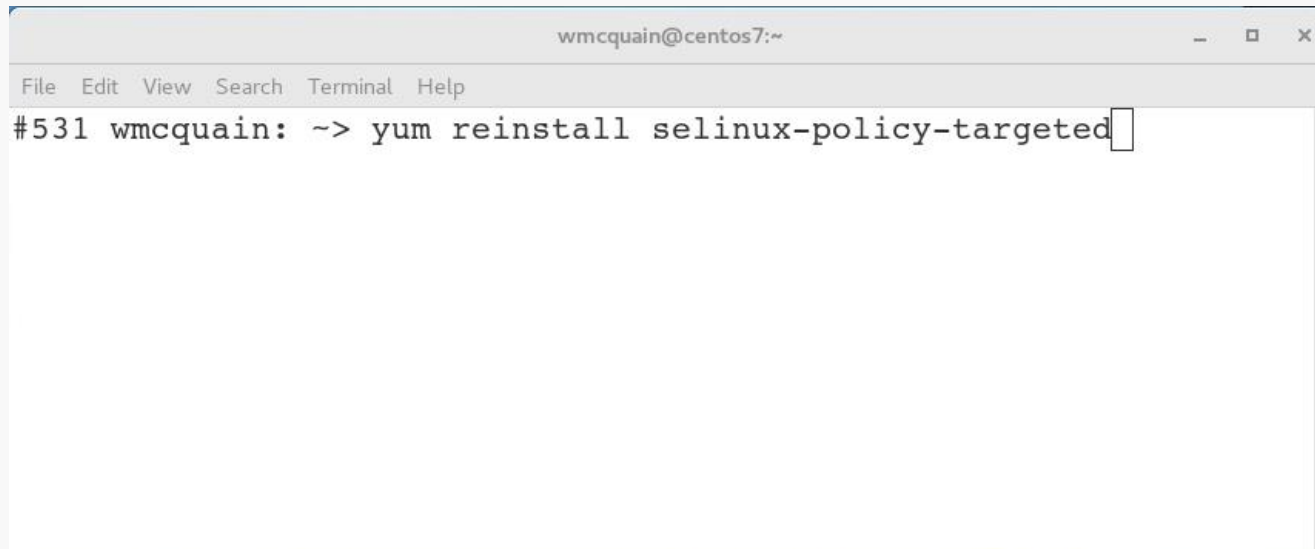
Press Ctrl-x to start, Ctrl-c for a command prompt or Escape to
discard edits and return to the menu. Pressing Tab lists
possible completions.
```

If you mess this up, hit ESC to abandon your changes, shut your VM down, and go back to the beginning.

Otherwise, press `Ctrl-X` and let CentOS boot.

If the boot fails again, double-check your work; otherwise, this is probably not going to work out for you.

Back in CentOS, open a terminal window and reinstall selinux:



```
wmcquain@centos7:~  
File Edit View Search Terminal Help  
#531 wmcquain: ~-> yum reinstall selinux-policy-targeted
```

Reboot your CentOS VM and see how it goes...

This may take some time due to selinux operations that must be performed.

The suggestions contained here were derived from:

[asafshoval.wordpress.com/2014/11/18/overcome-fail-to-load-selinux-policy-freezing-error-message-while-booting-linux/](https://asafshoval.wordpress.com/2014/11/18/overcome-fail-to-load-selinux-policy-freezing-error-message-while-booting-linux/)

[www.centos.org/forums/viewtopic.php?f=47&t=50336&sid=7c65bb36efe5cef6e57440cba1c563cf&start=10](http://www.centos.org/forums/viewtopic.php?f=47&t=50336&sid=7c65bb36efe5cef6e57440cba1c563cf&start=10)



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[www.centos.org/forums/viewtopic.php?f=47&t=50336&sid=7c65bb36efe5cef6e57440cba1c563cf&start=10](http://www.centos.org/forums/viewtopic.php?f=47&t=50336&sid=7c65bb36efe5cef6e57440cba1c563cf&start=10)