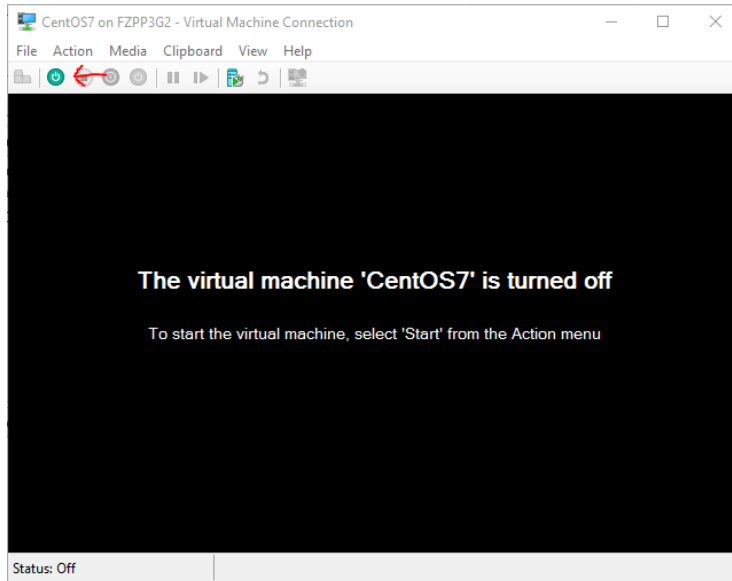


Author: Thomas S

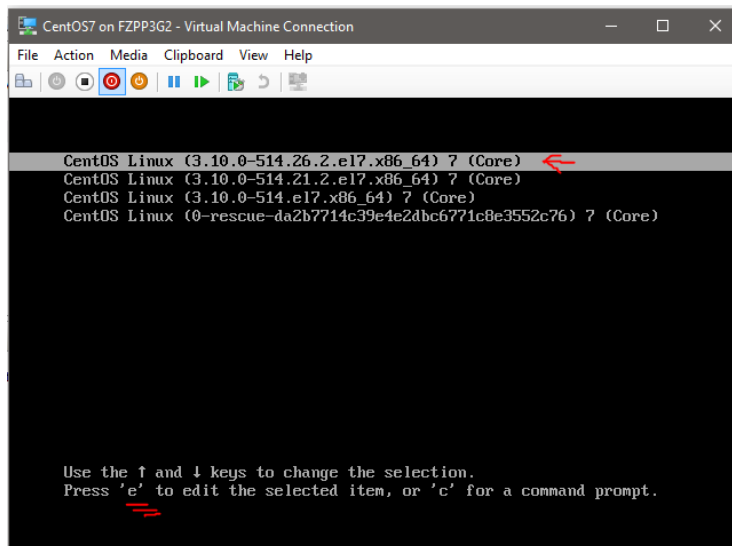
Date: 24 Oct 18

How to Log in Using the Emergency target on CentOS7/RHEL

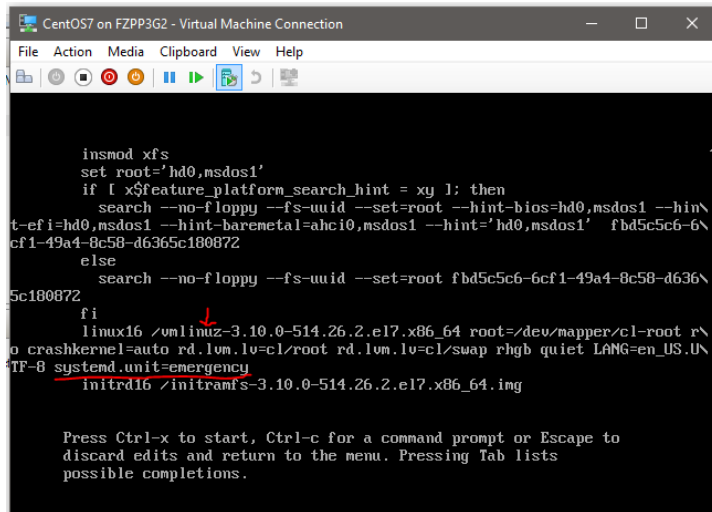
[1] Turn VM on HyperVisor (KVM, Hyper-V, VMWare, etc)



[2] Find the newest Kernel and click 'e' for edit.



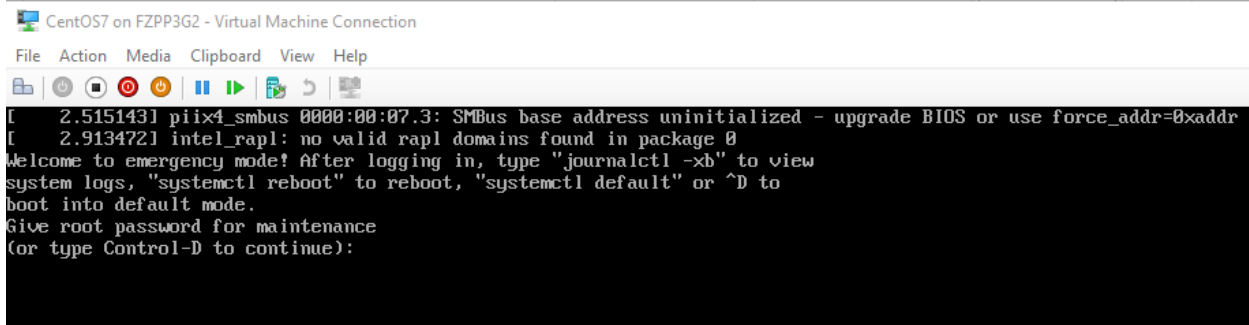
[3] Scroll down. Find the line that says **vmlinuz**. Press **End** on your keyboard to go to the end of the line, and type **systemd.unit=emergency** at the end of the line.



```
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 --hint-efi=hd0,msdos1 --hint-baremetal=ahci0,msdos1 --hint='hd0,msdos1' fbd5c5c6-6cf1-49a4-8c58-d6365c180872
else
  search --no-floppy --fs-uuid --set=root fbd5c5c6-6cf1-49a4-8c58-d6365c180872
fi
linux16 /vmlinuz-3.10.0-514.26.2.el7.x86_64 root=/dev/mapper/cl-root
o crashkernel=auto rd.lvm.lv=cl/root rd.lvm.lv=cl/swap rhgb quiet LANG=en_US.UTF-8 systemd.unit=emergency
initrd16 /initramfs-3.10.0-514.26.2.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.
```

[4] Enter your password to log in in emergency mode.



```
[ 2.515143] piix4_smbus 0000:00:07.3: SMBus base address uninitialized - upgrade BIOS or use force_addr=0xaddr
[ 2.913472] intel_rapl: no valid rapl domains found in package 0
Welcome to emergency mode! After logging in, type "journalctl -xb" to view
system logs, "systemctl reboot" to reboot, "systemctl default" or ^D to
boot into default mode.
Give root password for maintenance
(or type Control-D to continue):
```

[5] Type **Exit** to continue booting