

RHSA1 - Lab 5

11. Create a symbolic link of /etc/passwd in /boot.

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Salma >> sudo ln -s /etc/passwd /boot
[sudo] password for smabrouk:
Salma >> ls -l /etc/passwd /boot
-rw-r--r--. 1 root root 2617 Nov 23 15:05 /etc/passwd

/boot:
total 257408
-rw-r--r--. 1 root root      193903 Oct  4  2021 config-4.18.0-348.el8.x86_64
-rw-r--r--. 1 root root      198582 Sep 30 18:12 config-4.18.0-425.3.1.el8.x86_64
drwx----- 4 root root       4096 Jan  1  1970 efi
drwx----- 2 root root         21 Sep  9 19:52 grub2
-rw----- 1 root root    111943533 Nov 22 14:18 initramfs-0-rescue-758499161edd4eb9a138edc5353054c3.img
-rw----- 1 root root      55234719 Nov 23 13:22 initramfs-4.18.0-348.el8.x86_64.img
-rw----- 1 root root      56173365 Nov 23 13:22 initramfs-4.18.0-425.3.1.el8.x86_64.img
drwxr-xr-x. 3 root root         21 Nov 22 14:17 loader
lrwxrwxrwx. 1 root root         11 Dec  4 22:21 passwd -> /etc/passwd
lrwxrwxrwx. 1 root root         45 Nov 22 14:17 symvers-4.18.0-348.el8.x86_64.gz -> /lib/modules/4.18.0-348.el8.x86_64/symvers.g
z
lrwxrwxrwx. 1 root root         49 Nov 23 13:20 symvers-4.18.0-425.3.1.el8.x86_64.gz -> /lib/modules/4.18.0-425.3.1.el8.x86_64/s
ymvers.gz
-rw----- 1 root root      4258248 Oct  4  2021 System.map-4.18.0-348.el8.x86_64
-rw----- 1 root root      4405925 Sep 30 18:12 System.map-4.18.0-425.3.1.el8.x86_64
-rwxr-xr-x. 1 root root     10206576 Nov 22 14:18 vmlinuz-0-rescue-758499161edd4eb9a138edc5353054c3
-rwxr-xr-x. 1 root root     10206576 Oct  4  2021 vmlinuz-4.18.0-348.el8.x86_64
-rwxr-xr-x. 1 root root     10743152 Sep 30 18:12 vmlinuz-4.18.0-425.3.1.el8.x86_64
Salma >>
```

12. Create a hard link of /etc/passwd in /boot. Could you? Why?

```
Salma >> sudo ln /etc/passwd /boot
[sudo] password for smabrouk:
ln: failed to create hard link '/boot/passwd' => '/etc/passwd': Invalid cross-device link
Salma >>
```