



## Filesystem Layout, Partitions, Paths, and Links

Quiz, 5 questions

5/5 points (100%)



### Congratulations! You passed!

Next Item



1 / 1  
point

1.

Which of the following pseudo-directories are empty when the system is not running (Select all answers that apply)?



**/sys**



**Correct**

**/sys** contains only pseudofiles created in memory after system start.



**/dev**



**Correct**

**/dev** contains only pseudofiles created in memory after system start.



**/boot**



**Un-selected is correct**



**/etc**



**Un-selected is correct**



**/proc**



**Correct**

**/proc** contains only pseudofiles created in memory after system start.



1 / 1  
point

2.

Which of the following statements describes the best practice?



The current directory should be prepended to the path



The current directory should be appended to the path



The current directory should not be placed in the path



**Correct**



1 / 1  
point

3.



If **file** does not exist, which command will produce an error?

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☒ In file file2



Correct

You cannot have a "dangling" hardlink



1 / 1  
point

4.

Which command will list the partition information on the first hard disk and then exit?

☐ fdisk /dev/sda

☒ fdisk -l /dev/sda



Correct

This will give a report and return to the command line.

☐ fdisk -l hd1



1 / 1  
point

5.

Which directory trees usually have frequently changing data, and would not be desirable on a partition that is more static? Select all answers that apply.

☒ /var



Correct

/var is designed for variable, volatile data.

☐ /bin



Un-selected is correct

☐ /tmp



Correct

/tmp is designed for temporary data.

☐ /usr



Un-selected is correct

☐ /home



Correct

/home stores user accounts and data which will change every time the user is on the system.



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