2.8.11 Practice Questions

Candidate: Ethan Bonavida (suborange)
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Score: 100%   Passing Score: 80%

▼ Question 1:   ✔ Correct

Fred, a Linux administrator, needs to create the directory /var/oracle/database/9i. Only the directory /var currently exists. The current working directory is the root of the filesystem.

Which of the following commands will create the directory path?

    ○ **mkd /var/oracle/database/9i**

➡ ◉ **mkdir -p /var/oracle/database/9i**

    ○ **mkdir /var/oracle/database/9i**

    ○ **md -path /var/oracle/database/9i**

Explanation

The **mkdir -p /var/oracle/database/9i** command creates all the directories that do not exist in the directory path.

The **mkd** command returns an error unless a command alias has been created.

The **md** command is normally run from a windows command prompt and returns an error unless a command alias has been created.

The **mkdir /var/oracle/database/9i** command displays an error since the **/var/oracle/database** directory does not exist.

References

▷ **2.8.1 Directory Navigation**

🖳 **2.8.2 Navigate Directories**

▷ **2.8.3 Directory Management**

🖳 **2.8.4 Manage Directories**

⌗ **2.8.5 Directory Management Facts**

▷ **2.9.2 File Management**

🖳 **2.9.4 Manage Files**

⌗ **2.9.5 File Management Facts**

▷ **2.10.1 Links**

2.10.2 Create Links

2.10.3 Link Facts

2.12.2 Finding Linux Commands

2.12.3 Finding Files

2.12.4 File Search Facts

2.12.5 Content Search Utilities

2.12.6 Find File Content

2.12.7 Content Search Facts

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▼ **Question 2:**   ✔ Correct

Within the **/var** directory is a subdirectory named backup. Ken, a Linux administrator, needs to delete the directory backup and any files that it contains. He changes directory focus to /var.

Which of the following commands deletes the directory named backup and any file it contains?

    ◯ **rm backup/***

    ◯ **rm backup**

    ◯ **rm -r backup/***

➡ ◉ **rm -r backup**

Explanation

The **rm -r backup** command deletes the directories and all the files it contains.

The **rm backup/*** command only deletes the files in the **/var/backup** directory.

The **rm backup** command fails without the **-r** recursive switch.

The **rm -r backup/*** command only deletes the files in the **/var/backup** directory.

References

▷ **2.8.1 Directory Navigation**

🖳 **2.8.2 Navigate Directories**

▷ **2.8.3 Directory Management**

🖳 **2.8.4 Manage Directories**

▤ **2.8.5 Directory Management Facts**

▷ **2.9.2 File Management**

🖳 **2.9.4 Manage Files**

▤ **2.9.5 File Management Facts**

▷ **2.10.1 Links**

2.10.2 Create Links

2.10.3 Link Facts

2.12.2 Finding Linux Commands

2.12.3 Finding Files

2.12.4 File Search Facts

2.12.5 Content Search Utilities

2.12.6 Find File Content

2.12.7 Content Search Facts

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▼ **Question 3:**   ✓ Correct

Which of the following commands displays an expanded listing that includes the owner and size of all the files in the /etc directory?

   ○ **ld -ae /etc**

   ○ **ls -ae /etc**

   ○ **dir -al /etc**

➡ ◉ **ls -al /etc**

Explanation

ls -al /etc with the **-a** switch for all files and **-l** switch for the long (expanded) listing displays the desired listing.

ld is for the GNU linker.

dir is not a standard Linux command. **ls -ae** does not work because there is no **-e** switch.

References

▷ **2.8.1 Directory Navigation**

🖥 **2.8.2 Navigate Directories**

▷ **2.8.3 Directory Management**

🖥 **2.8.4 Manage Directories**

≔ **2.8.5 Directory Management Facts**

▷ **2.9.2 File Management**

🖥 **2.9.4 Manage Files**

≔ **2.9.5 File Management Facts**

▷ **2.10.1 Links**

🖥 **2.10.2 Create Links**

≔ **2.10.3 Link Facts**

🖥 **2.12.2 Finding Linux Commands**

2.12.3 Finding Files

2.12.4 File Search Facts

2.12.5 Content Search Utilities

2.12.6 Find File Content

2.12.7 Content Search Facts

q_dir_fil_f_lp5_03.question.fex

▼ **Question 4:**   ✔ Correct

You need to view the contents of the **/home/jerrys** directory. What would you enter at the command prompt to show all the contents, including hidden files and directories?

| ls -al /home/jerrys | ✔

Explanation

Use the **ls -a** command to view the contents of a directory, including the hidden content.

References

▷ **2.8.1 Directory Navigation**

🖥 **2.8.2 Navigate Directories**

▷ **2.8.3 Directory Management**

🖥 **2.8.4 Manage Directories**

:≡ **2.8.5 Directory Management Facts**

▷ **2.9.2 File Management**

🖥 **2.9.4 Manage Files**

:≡ **2.9.5 File Management Facts**

▷ **2.10.1 Links**

🖥 **2.10.2 Create Links**

:≡ **2.10.3 Link Facts**

🖥 **2.12.2 Finding Linux Commands**

🖥 **2.12.3 Finding Files**

:≡ **2.12.4 File Search Facts**

▷ **2.12.5 Content Search Utilities**

🖥 **2.12.6 Find File Content**

:≡ **2.12.7 Content Search Facts**

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▼ **Question 5:**   ✔ Correct

Which of the following commands copies the entire /temp directory with all of its files, sub-directories, and files in the sub-directories to the /home/gshant directory. (Select TWO. Each answer represents an independent solution.)

☐ **cp -s /temp /home/gshant**

☐ **cp -q /temp /home/gshant**

➡ ☑ **cp -R /temp /home/gshant**

☐ **cp /temp /home/gshant**

➡ ☑ **cp -r /temp /home/gshant**

Explanation

The **cp -r** and **cp -R** command copies directories and files recursively. It also leaves the source contents intact.

The **cp** command without the **-r** or **-R** option only copies the specified file or directory.

The **cp -s** command creates a symbolic link instead of copying the file or directory.

The **cp -q** command displays an error because there is no **-q** option.

References

▷ **2.8.1 Directory Navigation**

🖳 **2.8.2 Navigate Directories**

▷ **2.8.3 Directory Management**

🖳 **2.8.4 Manage Directories**

▤ **2.8.5 Directory Management Facts**

▷ **2.9.2 File Management**

🖳 **2.9.4 Manage Files**

▤ **2.9.5 File Management Facts**

▷ **2.10.1 Links**

⌨ **2.10.2 Create Links**

≔ **2.10.3 Link Facts**

⌨ **2.12.2 Finding Linux Commands**

⌨ **2.12.3 Finding Files**

≔ **2.12.4 File Search Facts**

▷ **2.12.5 Content Search Utilities**

⌨ **2.12.6 Find File Content**

≔ **2.12.7 Content Search Facts**

q_dir_fil_f_lp5_05.question.fex

▼ Question 6:   ✔ Correct

The /home/gshant/smp directory is empty and needs to be removed. The current working directory is /home/gshant.

What would you enter at the command prompt to remove the smp directory?

> rmdir smp   ✔

Explanation

Use the **rmdir** to delete an empty directory. Use **rm** to delete a directory which still has contents. In this case, **rmdir** or **rm** will delete the directory. Example: **rmdir smp**

References

▷ **2.8.1 Directory Navigation**

⌨ **2.8.2 Navigate Directories**

▷ **2.8.3 Directory Management**

⌨ **2.8.4 Manage Directories**

:≡ **2.8.5 Directory Management Facts**

▷ **2.9.2 File Management**

⌨ **2.9.4 Manage Files**

:≡ **2.9.5 File Management Facts**

▷ **2.10.1 Links**

⌨ **2.10.2 Create Links**

:≡ **2.10.3 Link Facts**

⌨ **2.12.2 Finding Linux Commands**

⌨ **2.12.3 Finding Files**

:≡ **2.12.4 File Search Facts**

▷ **2.12.5 Content Search Utilities**

⌨ 2.12.6 Find File Content

≔ 2.12.7 Content Search Facts

q_dir_fil_f_lp5_06.question.fex

▼ Question 7:   ✔ Correct

The /home/gshant/smp directory contains several files. The directory and files need to be removed. The current working directory is /home/gshant. What would you enter at the command prompt to remove the smp directory and all the files it contains?

rm -r smp   ✔

Explanation

Use **rm -r** to delete a directory that still has contents. The **-r** option deletes directories (and all files) in the directories. The **rmdir** command only deletes empty directories.

References

▷ **2.8.1 Directory Navigation**

🖳 **2.8.2 Navigate Directories**

▷ **2.8.3 Directory Management**

🖳 **2.8.4 Manage Directories**

☷ **2.8.5 Directory Management Facts**

▷ **2.9.2 File Management**

🖳 **2.9.4 Manage Files**

☷ **2.9.5 File Management Facts**

▷ **2.10.1 Links**

🖳 **2.10.2 Create Links**

☷ **2.10.3 Link Facts**

🖳 **2.12.2 Finding Linux Commands**

🖳 **2.12.3 Finding Files**

☷ **2.12.4 File Search Facts**

▷ **2.12.5 Content Search Utilities**

2.12.6 Find File Content

2.12.7 Content Search Facts

q_dir_fil_f_lp5_07.question.fex