

Lab: Manage Files using Linux Commands (4)

Lab 1: Navigate Folders (1)

The screenshot shows a Windows 10 desktop environment. In the foreground, a Notepad window titled "Untitled - Notepad" is open, displaying the command `ls -la /var/log` and its output. The output lists various log files with their permissions, owners, groups, sizes, and dates. The terminal window in the background shows the same command being executed in a Linux environment. The web browser in the background displays a lab interface with a progress bar and instructions.

Assisted Lab: Manage Files using Linux Command-line
23 Minutes Remaining

Instructions Resources Help

The previous command's output displays all the files and directories located in `/var/log`. Directories are highlighted in blue.

11. To obtain a more detailed listing of the files contained in `/var/log`, type `ls -la /var/log` and press **ENTER**.

The previous command's output displays the permissions, owner, group, size, and date for the files and folders located in `/var/log`. The first column shows the permissions assigned to the user (owner), group, and others (everyone else.) The first character is `"-"` for a file and `"d"` for a directory. Permissions are listed as `rw`, `r`, `w`, `x`, or `"-"`. A `"-"` means the permission is not enabled.

12. What are the permissions set on the file `syslog`?

☐ `-rwxrwxrwx`
☒ `-rw-r-----`
☐ `drwx--x--x`
☐ `-rw-rw-rw-`

Score
Correct!

25% Tasks Complete

Previous Next: Manage files

Lab 2: Manage Files (1)

Located lines that contain the word `network`, regardless of case, by typing `grep -i network syslog` and pressing **ENTER**.

The screenshot shows a Windows 10 desktop environment. A terminal window titled 'tux@tuxbox: ~/Documents' is open, displaying system logs. The logs include the following entries:

```
on/1
Jun 28 21:37:09 tuxbox systemd[1]: NetworkManager-dispatcher.service: Succeeded.
Jun 28 21:38:41 tuxbox systemd[999]: Listening on GnuPG network certificate management daemon.
Jun 28 21:39:07 tuxbox pulseaudio[1005]: GetManagedObjects() failed: org.freedesktop.DBus.Error.NoReply: Did not receive a reply. Possible causes include: the remote application did not send a reply, the message bus security policy blocked the reply, the reply timeout expired, or the network connection was broken.
tux@tuxbox: ~$
```

A Notepad window titled '*Untitled - Notepad' is also open, showing the text '1:42 AM 6/29/2023 Zhaire T Robinson'.

On the right side of the screen, there is a sidebar for an 'Assisted Lab: Manage Files using Linux Command-line'. It includes a progress bar showing '12 Minutes Remaining' and '160%' completion. The sidebar contains instructions for using the `grep` command:

- 11. To locate all the lines containing the word `network` in the `syslog` file, type `grep network syslog` and press **ENTER**.
- 12. Now run the following search and compare the results: `grep Network syslog`. Using `grep` search is case-sensitive, by default.
- 13. To locate lines that contain the word `network`, regardless of case, type `grep -i network syslog` and press **ENTER**.

The sidebar also indicates '60% Tasks Complete' and has navigation links for 'Previous' and 'Next: Move/copy files'.

Lab 3: Move/Copy Files (1)

Using Linux command `cd Journal` to move from the `/home/tux/Documents` directory to the `/home/tux/Documents/Journal` directory

The screenshot shows a Windows 10 desktop environment. A terminal window titled 'tux@tuxbox: ~/Documents' is open, displaying system logs and a command prompt. The logs show a successful NetworkManager service start and a failed pulseaudio operation. The command prompt shows the user 'Zhaire T Robinson' at 'tux@tuxbox: ~/Documents'. A Notepad window titled 'Untitled - Notepad' is also open, showing the command 'cp: missing destination file operand' and the user's attempt to run 'ls'. The desktop background is blue, and the taskbar at the bottom shows various application icons. On the right side, there is a lab interface titled 'Assisted Lab: Manage Files using Linux Command-line' with a progress bar at 160% and a 'Score' button. The lab instructions are visible, showing a list of tasks with checkboxes and a 'Correct!' status.

Assisted Lab: Manage Files using Linux Command-line
24 Minutes Remaining
160%

Instructions Resources Help

✓ 5. Review the results of the previous command by typing `ls` and pressing **ENTER**

✓ 6. Which of the following commands would move from the `/home/tux/Documents` directory to the `/home/tux/Documents/Journal` directory?

- ☐ `cd grep journal`
- ☐ `mv Journal`
- ☒ `cd Journal`
- ☐ `cd ../Journal`

Score

✓ Correct!

74% Tasks Complete

< Previous Next: Remote copy >

Lab 4: Remote Copy (1)
Validated this task.

labclient.labondemand.com/LabClient/f6b0754f-63bf-4233-ab59-9b9bd3ce9713?rc=10

Assisted Lab: Manage Files using Linux Command-line
19 Minutes Remaining

Instructions Resources Help

5. Verify the files copied successfully by opening them.

As the syslog file does not have an extension, Windows prompts you to select an application. Choose **Notepad**.

6. Select the **Score** button to validate this task:

Score

88% Tasks Complete

Previous Next: Complete comprehensive...

```
on/1
Jun 28 21:37:09 tuxbox systemd[1]: NetworkManager-dispatcher.service: Succeeded.
Jun 28 21:38:41 tuxbox systemd[999]: Listening on GnuPG network certificate management daemon.
Jun 28 21:39:07 tuxbox pulseaudio[1005]: GetManagedObjects() failed: org.freedesktop.DBus.Error.NoReply: Did not receive
a reply. Possible causes include: the remote application did not send a reply, the message bus security policy blocked
the reply, the reply timeout expired, or the network connection was broken.
tux@tuxbox: ~$ cp winnie.txt ../Public
cp: missing destination file operand after 'winnie.txt ../Public'
Try 'cp --help' for more information.
tux@tuxbox: ~$ ls ../Public
-bash: ls ../Public: No such file or directory
tux@tuxbox: ~$ mv winnie.txt winnie-the-pooh.txt
tux@tuxbox: ~$ ls
alice.txt  syslog  winnie-the-pooh.txt
tux@tuxbox: ~$ exit
logout
Connection to 192.168.1.201 closed.
PS C:\Users\Morgan\Desktop> cd Desktop
PS C:\Users\Morgan\Desktop> scp tux@192.168.1.201:/home/tux/Documents .
tux@192.168.1.201's password:
scp: /home/tux/Documents: not a regular file
PS C:\Users\Morgan\Desktop> scp tux@192.168.1.201:/home/tux/Documents* .
tux@192.168.1.201's password:
scp: /home/tux/Documents: not a regular file
PS C:\Users\Morgan\Desktop> scp tux@192.168.1.201:/home/tux/Documents*
usage: scp [-3468Cpqrv] [-c cipher] [-F ssh_config] [-i identity_file]
          [-J destination] [-l limit] [-o ssh_option] [-P port]
          [-S program] source ... target
PS C:\Users\Morgan\Desktop>
```

*Untitled - Notepad
File Edit Format View Help
1:42 AM 6/29/2023 Zhaire T Robinson