

WHY IS VALIDATING YOUR SKILLS IMPORTANT?

The Linux Essentials Professional Development Certificate is a trusted credential that can be a first step toward LPI's professional LPIC certification track and a great way to build your career by showing decision-makers that you have the skills and abilities to do the job whether that's in big data, cloud, network, mobile or open source technologies that rely on Linux.

NDG LINUX ESSENTIALS COURSE FEATURES

- Develop a basic knowledge of the Linux command line
- Access expert content online
- Build your skills by practicing on real Linux virtual machines
- Prepare for the Linux Professional Institute (LPI) Linux Essentials Professional Development Certificate
- Get immediate feedback on your knowledge through built-in quizzes and tests

NDG Linux Essentials - Chapter 6 - Working with Files and Directories

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6.5 Moving Files

To move a file, use the `mv` command. The syntax for the `mv` command is much like the `cp` command:

```
mv [source] [destination]
```

In the following example, the `hosts` file that was generated earlier is moved from the current directory to the `Videos` directory:

```
sysadmin@localhost:~$ ls
Desktop  Downloads  Pictures  Templates  example.txt  hosts.copy
Documents Music      Public   Videos
sysadmin@localhost:~$ mv hosts Videos
sysadmin@localhost:~$ ls
Desktop  Downloads  Pictures  Templates  example.txt
Documents Music      Public   Videos
sysadmin@localhost:~$ ls Videos
hosts
sysadmin@localhost:~$
```

When a file is moved, the file is removed from the original location and placed in a new location. This can be somewhat tricky in Linux because users need specific permissions to remove files from a directory. If you don't have the right permissions, you will receive a "Permission denied" error message:

```
sysadmin@localhost:~$ mv /etc/hosts .
mv: cannot move '/etc/hosts' to './hosts': Permission denied
sysadmin@localhost:~$
```

A detailed discussion of permissions is provided in a later chapter.

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>_ Ubuntu PC

```
sysadmin@localhost:~$ ls -l
total 32
drwxr-xr-x 2 sysadmin sysadmin 4096 Mar 14 2016 Desktop
drwxr-xr-x 2 sysadmin sysadmin 4096 Mar 14 2016 Documents
drwxr-xr-x 2 sysadmin sysadmin 4096 Mar 14 2016 Downloads
drwxr-xr-x 2 sysadmin sysadmin 4096 Mar 14 2016 Music
drwxr-xr-x 2 sysadmin sysadmin 4096 Mar 14 2016 Pictures
drwxr-xr-x 2 sysadmin sysadmin 4096 Mar 14 2016 Public
drwxr-xr-x 2 sysadmin sysadmin 4096 Mar 14 2016 Templates
drwxr-xr-x 2 sysadmin sysadmin 4096 Mar 14 2016 Videos
sysadmin@localhost:~$
```

Toggle onscreen keyboard