

# Creating a Folder with Linux

1 hour Free

## Introduction

This lab will introduce you to the Qwiklabs online learning platform's hands-on lab experience. You'll interact with hands-on labs in lots of courses of the IT Support Professional Certificate program, so it's important that you follow these instructions carefully. We'll give you some background information about what Qwiklabs are, and how these labs will help train you as an IT Support Specialist. Finally, you'll interact with the lab materials themselves. Ready? Let's get started!

**Head's up:** You'll experience a delay as the labs initially load (particularly for Windows labs). So, please **wait a couple of minutes for the labs to load**. The grade is calculated when the lab is complete, so be sure to hit "**End Lab**" when you're done!

## What is Qwiklabs?

**Qwiklabs** is an online learning environment that will take you through a live, real-world tech scenario that you may encounter as an IT Support Specialist. Qwiklabs "spin up," or create, virtual machines. A *virtual machine* (VM) is exactly how it sounds: it creates a "virtual" (rather than actual) simulation of software. As you've learned throughout the **Technical Support Fundamentals course**, a Linux operating system (OS) is just a piece of software. This way, you don't have to purchase this software to complete the courses in the IT Support Professional Certificate. This also allows you to use Linux OS as if it was installed on your local machine, so you can practice and familiarize yourself with this technology.

In this Qwiklab, you'll spin up a virtual machine of the Linux OS. In other Qwiklabs throughout the IT Support Professional Certificate, you may spin up other *instances* (or other occurrences) of software; Qwiklabs isn't just limited to operating systems. You'll soon learn that, with Qwiklabs, you can interact with many other real-world scenarios that you may see as an IT Support Specialist.

## Learning tip:

Whenever possible, we encourage you to try these exercises on your local machines or home computers -- if that's an option for you! When you're learning something new for the first time, or you're trying to improve a skill that you already have, remember that "practice makes perfect." So, practice the skills you'll learn in the Qwiklabs as much as you can!

## What you'll do

There are two learning objectives for this lab:

- Familiarize yourself with the Qwiklabs environment.
- Access a Linux virtual machine and create a basic folder using the command line interface.

You'll have 60 minutes to complete this lab.

## Start the lab

You'll need to start the lab before you can access the materials. To do this, click the green “Start Lab” button at the top of the screen.



After you click the “Start Lab” button, you will see a shell, where you will be performing further steps in the lab. You should have a shell that looks like this:

```
student@864a6934570a:~$
```

## Creating a Folder

To create a sample folder, enter this command into the terminal:

```
mkdir my-super-cool-folder
```

This creates a directory called "my-super-cool-folder" in your current directory.

Click *Check my progress* to verify the objective.

Create a folder

## Congratulations!

That's it! You've successfully accessed the Linux virtual machine using a SSH connection, and created a folder in the instance. There will be much more interesting labs to come, but the steps of connecting to Linux VM instances will remain the same. So, feel free to use this lab as a refresher if you ever forget the process.

You can now close the RDP/SSH window. You can manually end the lab, or it will automatically end when the time runs out.

## End your lab

When you have completed your lab, click **End Lab**. Qwiklabs removes the resources you've used and cleans the account for you.

You will be given an opportunity to rate the lab experience. Select the applicable number of stars, type a comment, and then click **Submit**.

The number of stars indicates the following:

- 1 star = Very dissatisfied

- 2 stars = Dissatisfied
- 3 stars = Neutral
- 4 stars = Satisfied
- 5 stars = Very satisfied

You can close the dialog box if you don't want to provide feedback.

For feedback, suggestions, or corrections, please use the **Support** tab.

