



# ABC IT Education

We'll take you from Zero to Hero in a snap

## Linux Systems Administration

( focuses on Centos/RHEL Linux 7, Ubuntu Linux and DevOps )

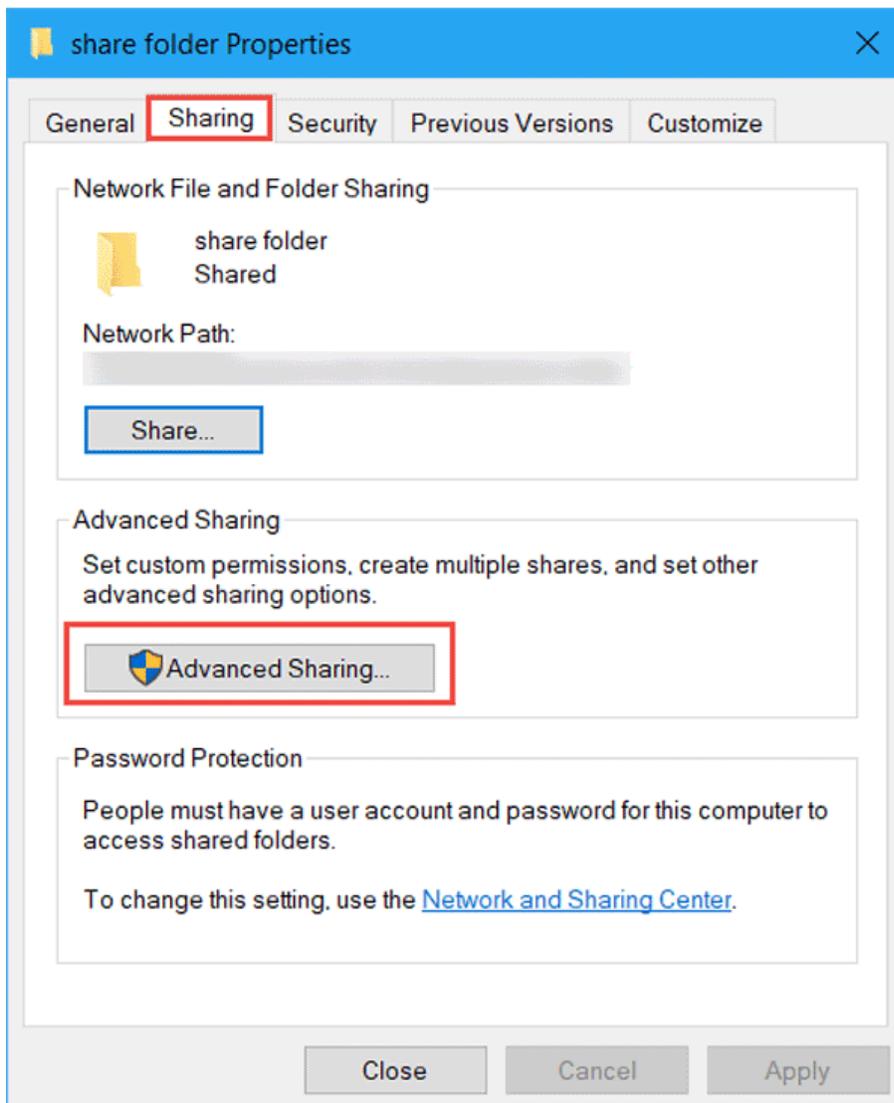
### Transferring files from PC to Virtual Box

Create a shared folder to transfer files between Windows and VirtualBox

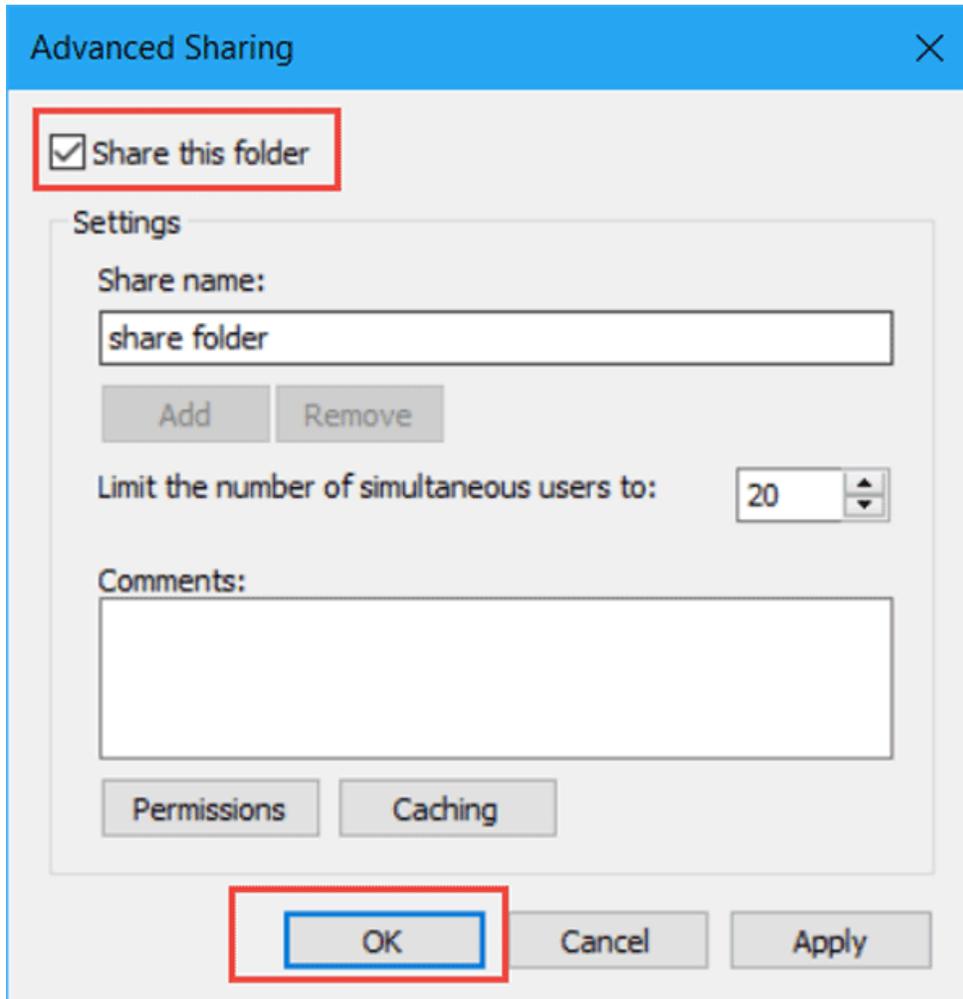
**Step 1:** Locate to the folder you want to share.

**Step 2:** Right-click on it and select **Properties**.

**Step 3:** Under **Sharing** tab, click on **Advanced Sharing**.



**Step 4:** Check the box of **Share this folder** and tap on **OK**. You can also click on **Permissions** to change permissions for users.



**Step 5:** Click on Permissions, and make sure the “Group or user names:” Everyone has “Read” permissions

**Step 6:** Open VirtualBox, select the Virtual Machine you want to transfer the files to, and go to Settings.

**Step 7:** In the left column, select Shared Folders, then Click on the Green + (Plus sign).

**Step 8:** In the window that opens, Go to the “Folder Path:” field and select ‘Other’.

**Step 9:** In the file search dialog that opens up, find the folder that was shared above, then click on “Select Folder”, then check the Auto-Mount box and finally select OK.

**Step 10:** Click on OK again to close the “Settings” dialog.

**Step 11:** Start the Virtual Machine. When Virtual Machine has booted completely, you will see the shared folder on the desktop with a name that begins with sf\_, so if the folder you shared on Windows was LinuxTraining, then on Linux the shared folder will be named sf\_LinuxTraining, but you will not be able to access it until you are granted the correct rights.

**Step 12:** To fix the permissions, Open the terminal and su as root **\$ su root**. Enter the root password when prompted.

**Step 13:** After successful logging in, cd to /media **# cd /media**. If you do **ls -l**, you will see the same **sf\_** folder you saw on the desktop, and that the folder's group is **vboxsf**

**Step 14:** Type the following command **# usermod -a -G vboxsf <user name>**. If your user name is 'adminuser' then the command will be **# usermod -a -G vboxsg adminuser**.

**Step 15:** Exit from the root shell, to take you back to your own shell. Now you should have access to the **sf\_** folder.

At this point, any file you put in the Shared folder in Windows will be available in Linux anytime you log into Linux.

**DONE!!**



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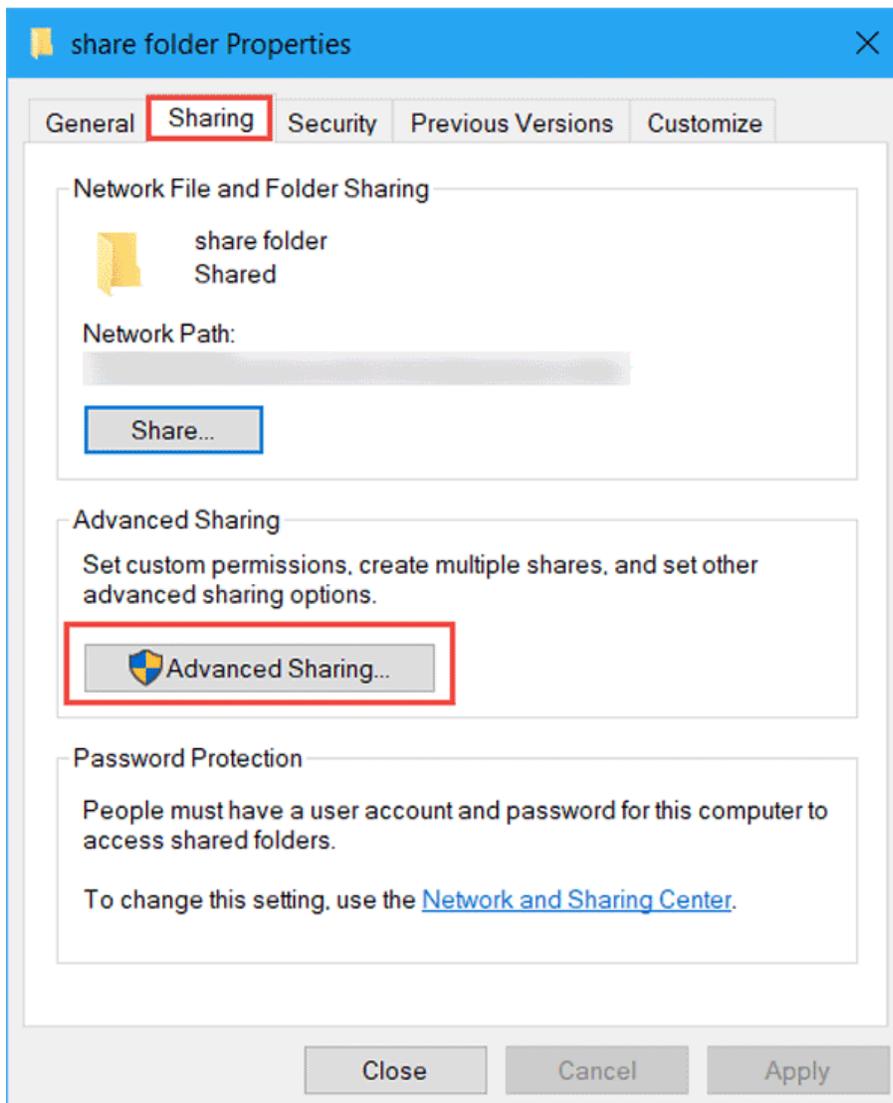
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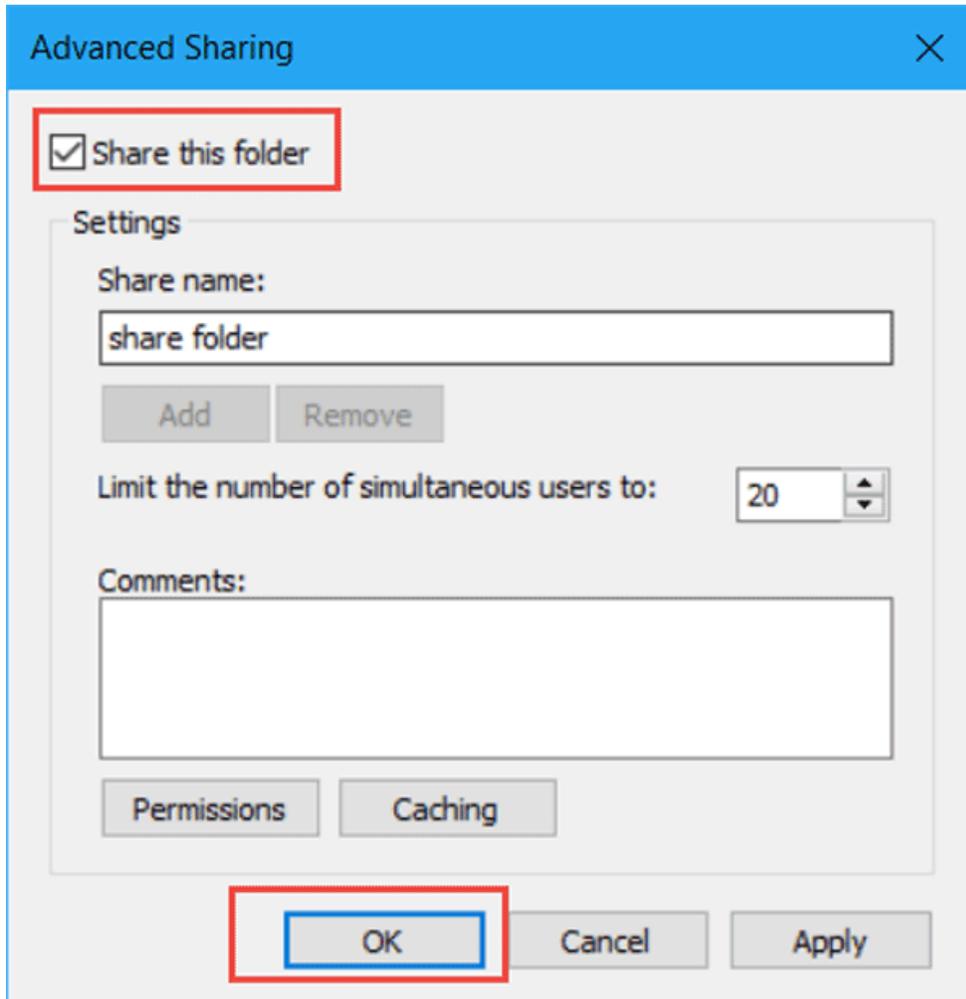
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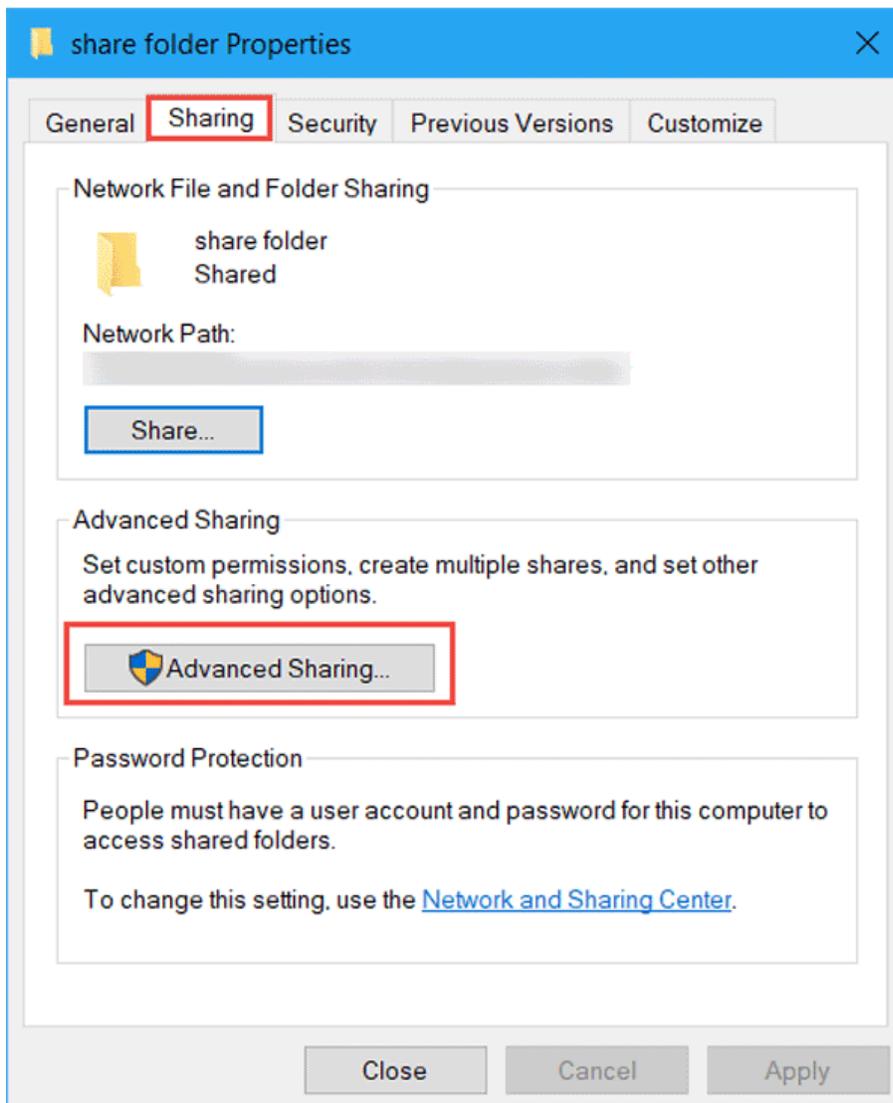
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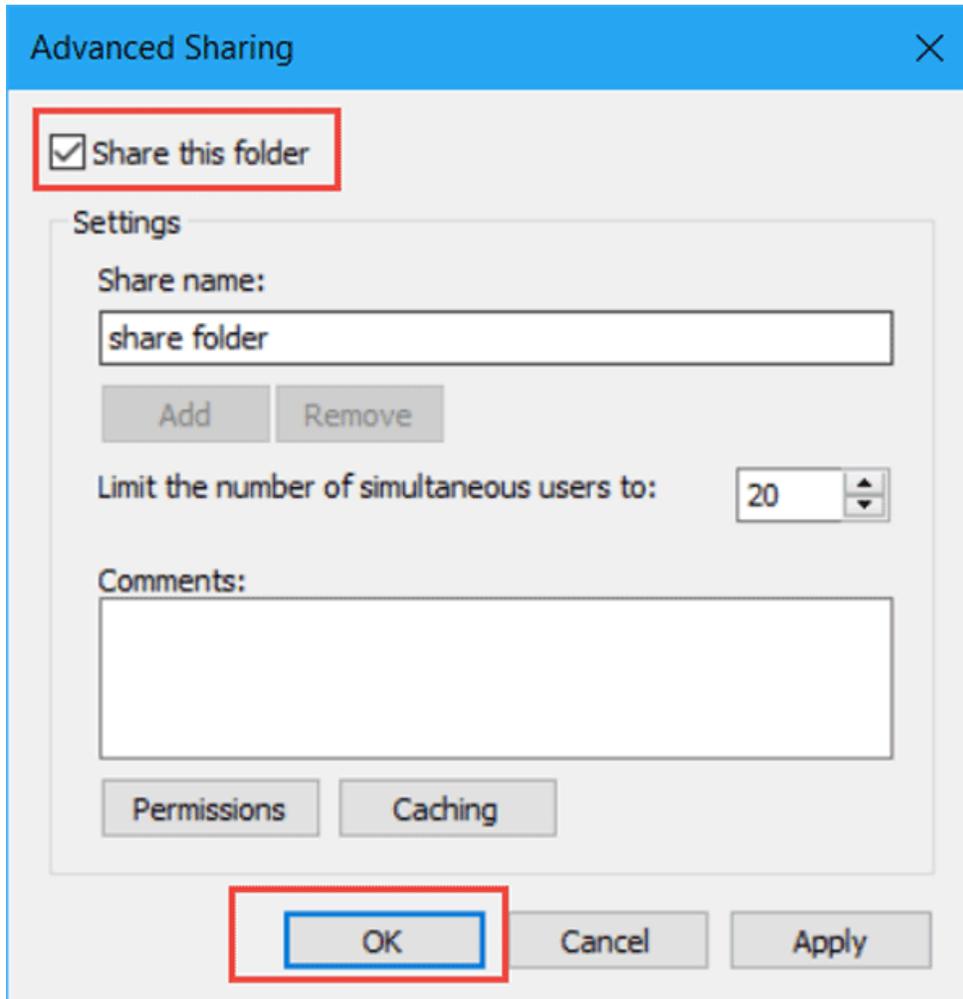
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