

# or students using VirtualBox (Windows)



These instructions are for if you are using VirtualBox. If you are using the EVE environment, you can mark this activity as completed and move on. If you are using VMWare Fusion (MacOS), scroll down to the next section titled "For Students Using VMWare Fusion"

## Sharing Files Between All Your Machines

In this exercise, you will get comfortable sharing files and folders between your virtual machines.

Sometimes you will need to share files between virtual machines, or from your host machine to your virtual machines. There are a few ways to accomplish this so we will cover them.

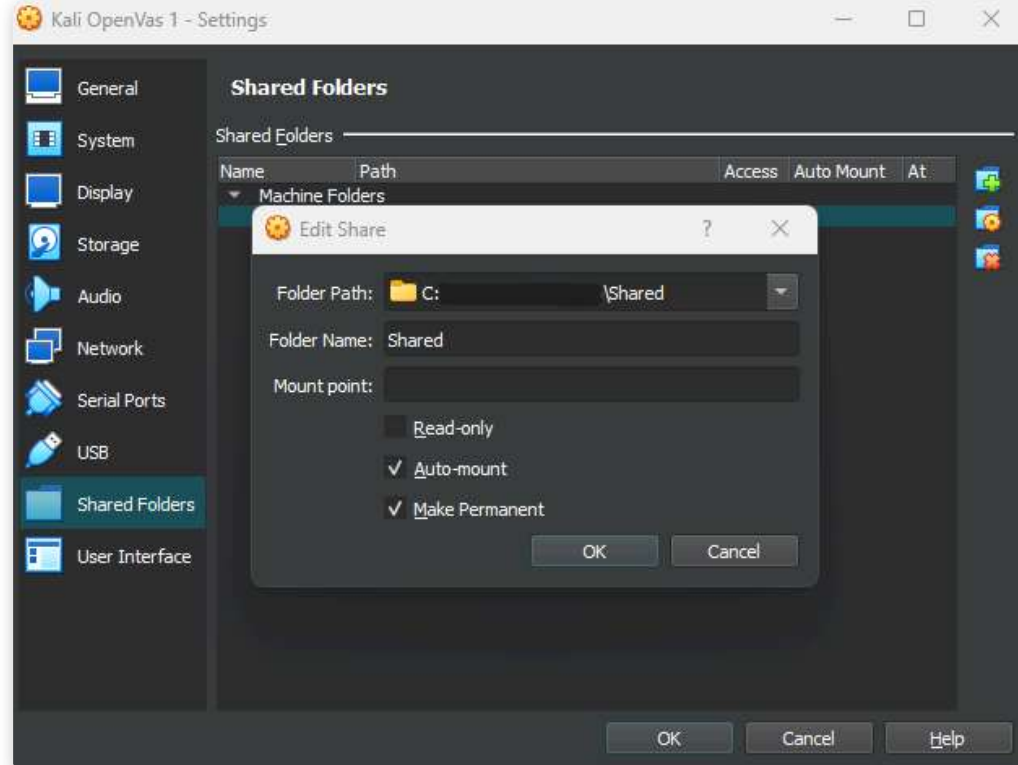
## Using Shared Folders

Shared folders are great for keeping files in one location that is shared between all devices. You can use this to keep your files neatly organized.

**Step 1:** On your host device, create a folder anywhere you'd like. A good place is on the Desktop. Name this folder "Shared".

**Step 2:** Right-click on the newly created folder and select properties at the bottom. Then, go to the 'Sharing' tab. In there, click 'Share...', then 'Share' again. If given a prompt asking if the network should be public or private, select private.

**Step 3:** In VirtualBox right-click on your Kali OpenVas machine, select settings and then go to the "Shared Folders" tab. Click on the blue folder icon with the green plus symbol in the upper right corner. This is to add a shared folder found on the host OS to the Virtual Machine. In here, a new window should have opened that asks for a few options. In the "Folder Path:" section, click on the dropdown arrow, click on other and navigate to where you created your shared folder in step 1. The 'Folder Name:' should automatically be filled in with the folder name and the 'Mount Point:' will be left blank. Make sure you have selected 'Auto-mount' and 'Make Permanent' (make permanent may not be present in your version of VirtualBox). You can hit 'OK' and the window should close. You will now see the folder in the 'Shared Folders' section. You can click 'OK' again to close the window.



**Step 4:** Turn on the virtual machine in which you just added the shared folder to. In your Kali virtual machine, open the 'File System' on the Desktop and you should see a folder on the left with a name similar to 'sf\_shared'.

**Step 5:** Go back to your host machine, open up the 'Shared' folder and create a new text document. You can name this whatever you like as it's just for testing purposes. Save the file and go back into your Kali virtual machine. Click on the 'sf\_shared' folder and you should now see the file you created from you host.

**Step 6:** Follow steps 1 to 3 for the other 2 virtual machines you have downloaded.

This is a good example of keeping an organized structure to share files and folder between all your devices. You can create sub-folders within the 'Shared' folder for organization if you'd like. In the next step you will look into a quicker solution for sharing files, but note that it is a solution that is not as organized.