

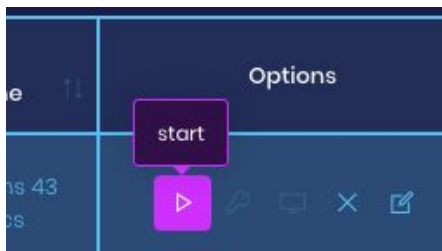
Directly connecting to your virtual workstation is the most efficient and versatile way to transfer your data because it avoids the extra step of moving data through a third party.

Each Eclipse Tech virtual workstation has an “SSH” (secure shell) service running. This allows for a secure connection to be established directly to the remote file system. This service can be used to “SCP” (secure copy) files and folders between your local machine and your virtual workstation.

Transferring data directly to the virtual workstation requires the use of a third party “SFTP” or “SCP” client application. One popular (and free) SFTP application is Filezilla which runs on Windows, MacOS, and Linux.

Steps for using Filezilla to transfer data:

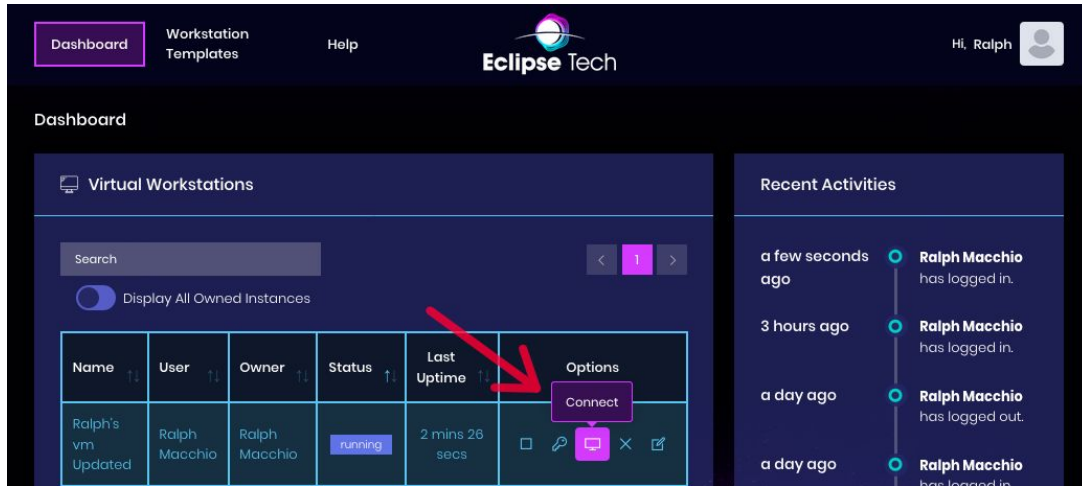
1. Download Filezilla (https://filezilla-project.org/download.php?show_all=1).
Be sure to select the correct version for your operating system. In this example we will be using Windows 10 (64 bit) and so at the time of this writing the version of Filezilla that was downloaded was **“FileZilla_3.47.1_win64-setup.exe.”**
2. Install Filezilla by double clicking **“FileZilla_3.47.1_win64-setup.exe”** and completing the installation process.
3. When FileZilla is installed, launch it.
4. Copy your virtual workstation **“Host Name”**:
 - a. Log into the Eclipse Tech portal: <https://portal.eclipsetech.co>
 - b. On the **“Dashboard”** page make sure your virtual workstation is running. If it is not then start it by clicking the **“Start”** icon in the **“Options”** section of your virtual workstation.



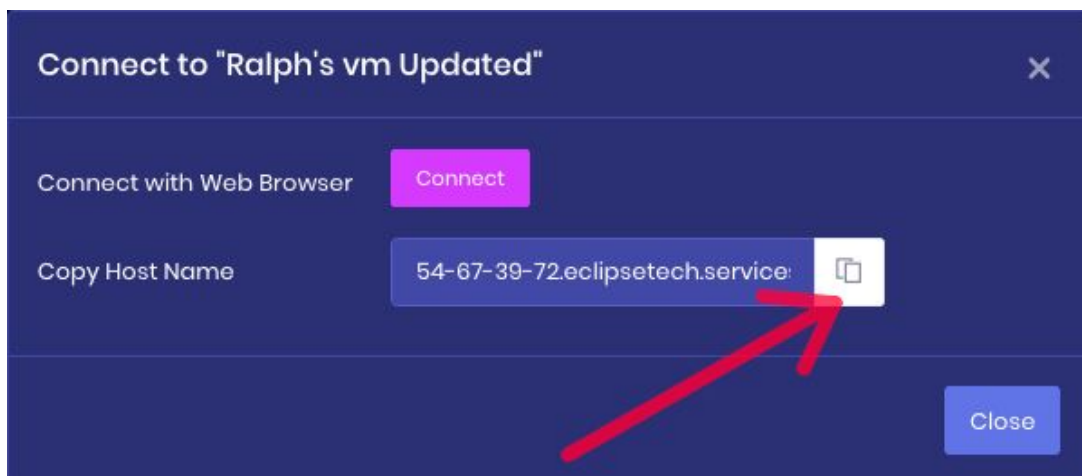
- c. In the **“Options”** section of your virtual workstation, click the **“Connect”** icon.

Data Transfer – Direct Connect

NOTE: You may have to wait for a minute or two before the “Connect” icon is enabled. This is due to the virtual workstation not yet being fully initialized.

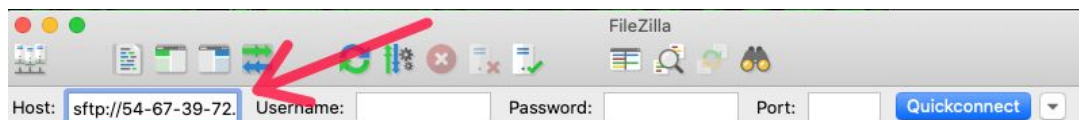


d. Copy the “**Host Name**” by clicking the copy icon in the Connect popup window:



NOTE: The “Host Name” of your virtual workstation will change each time the virtual workstation is stopped and started again.

5. Paste the copied “**Host Name**” into the “**Host**” section of the FileZilla app.



NOTE: You must add sftp:// to the beginning of the “Host” like this:
sftp://54-67-39-72.eclipsetech.services

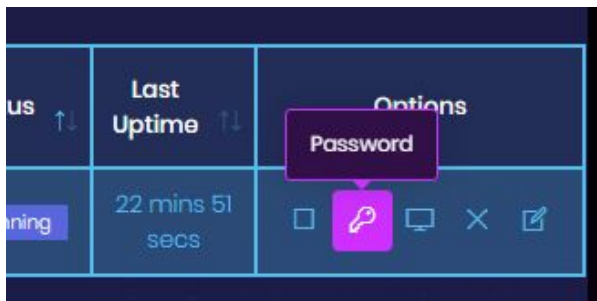
6. Type in the “**Username**” of The administrator.

The username is always “Administrator.”



7. Copy the virtual workstation password:

a. In the Eclipse Tech portal “**Dashboard**”, in the “**Options**” column of your virtual workstation, click the “**Password**” icon (the key icon) to retrieve the password.



b. This will display a popup containing your Administrator password. Click the “**Copy**” Icon to copy the password.

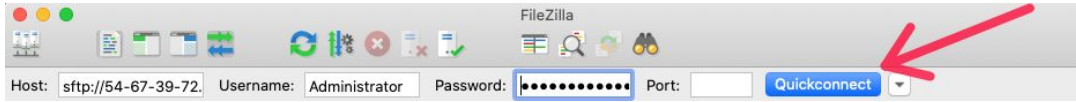


8. Paste the password into the “**Password**” section of FileZilla.

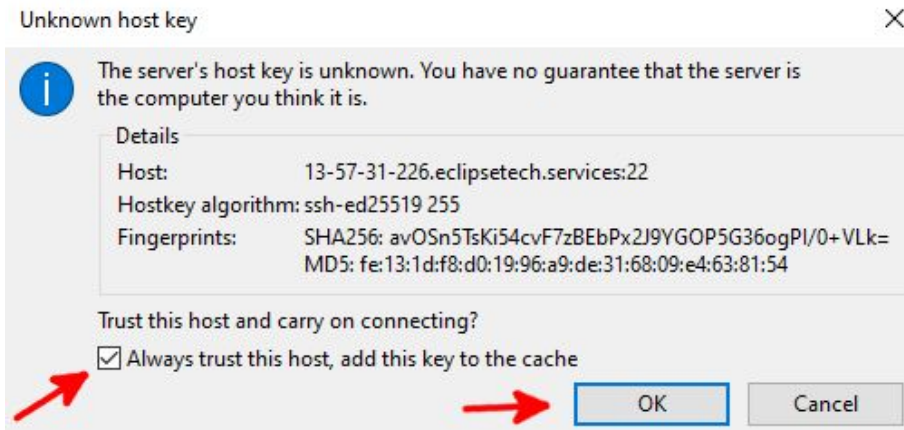


9. Connect to the virtual workstation by clicking the “Quickconnect” button.

NOTE: You may leave the “Port” field blank (the default port 22 will be used if left blank).

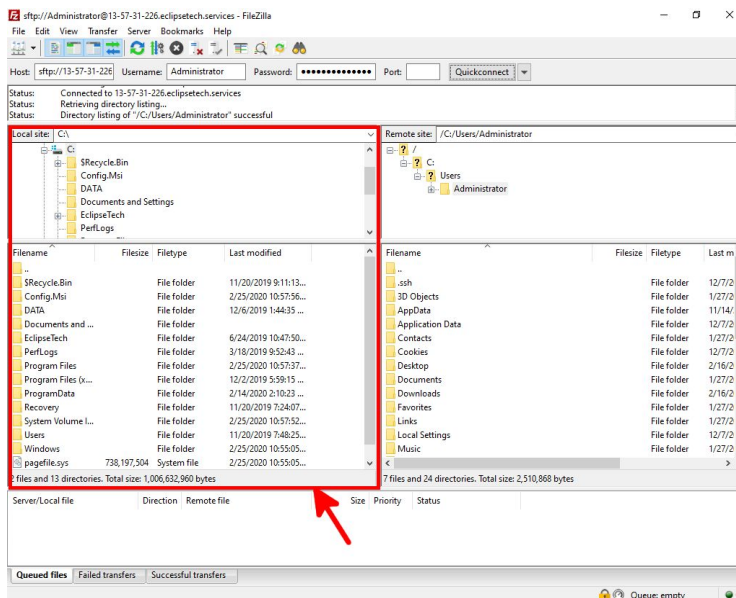


NOTE: Click “OK” if you are prompted to trust this host.

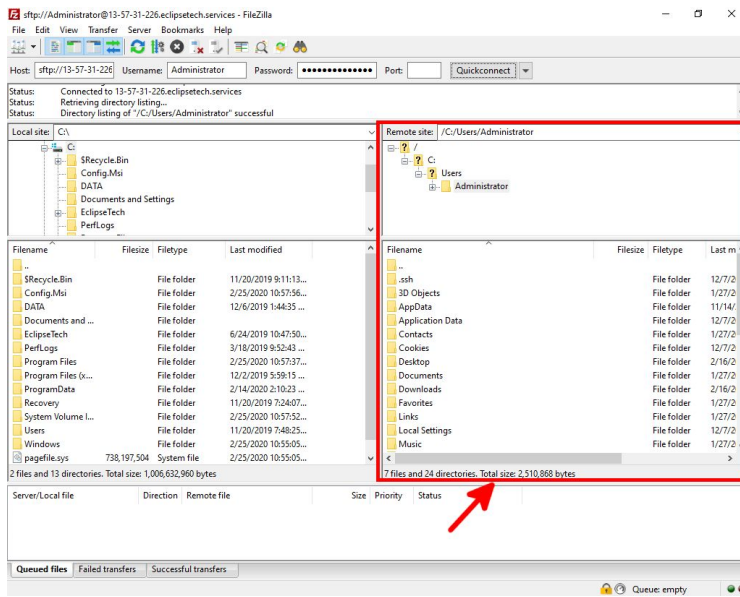


10. Navigating Filezilla.

a. Filezilla can be a little confusing at first. The window panes on the left side allow you to navigate and select files on your **LOCAL** computer.



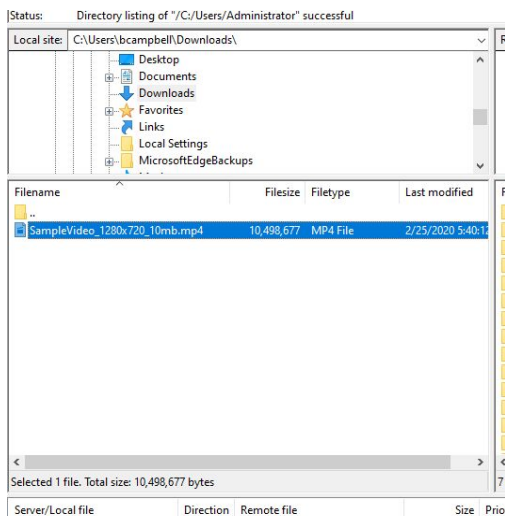
- b. The window panes on the right side allow you to navigate and select files on your remote virtual workstation.



11. Uploading data.

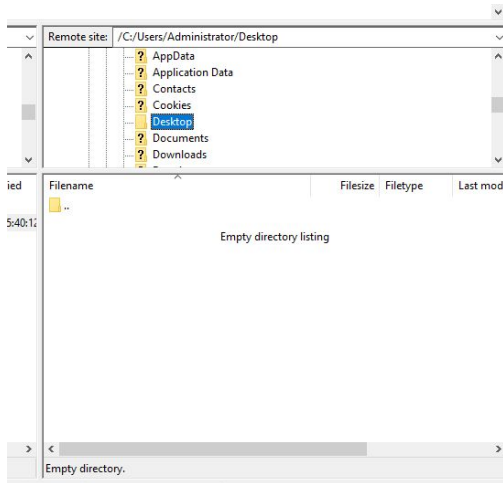
In this example we will upload a sample video clip from the local machine Downloads folder **C:\Users\bcampbell\Downloads\SampleVideo_1280x720_10mb.mp4** to the desktop of the remote virtual workstation **/C:/Users/Administrator/Desktop/**

- a. Using the left side windows to navigate to your local file (or files) and select the data that you want to upload.

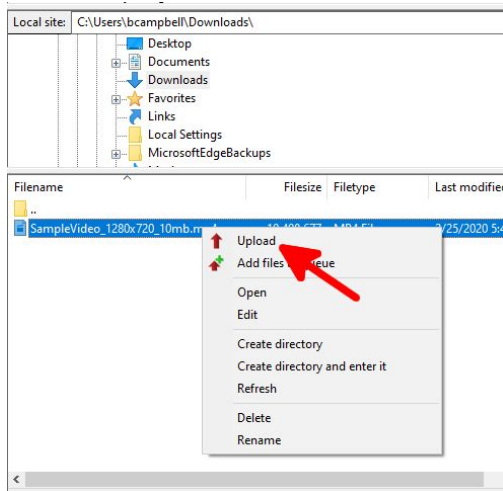


Data Transfer – Direct Connect

b. On the right side navigate to the destination you would like to transfer the data to:



c. When you are ready to begin transferring then go back to the left side and right click the selected file (or files or folders) and select **“Upload.”**



d. In the bottom window pane you will see your file transfer progress.

Server/Local file	Direction	Remote file	Size	Priority	Status
sftp://Administrator@13-57...					
<input type="checkbox"/> C:\Users\bcampbell\Down... 00:00:00 elapsed	-->> --:--:-- left	/C:/Users/Administrator/Desk... 77.7%	10,498,677 8,159,232 bytes (? B/s)	Normal	Transferring

12. Downloading data.

To download data the reverse process is used.

- a. On the left side navigate to the destination you would like to download the data to.
- b. On the right side navigate to and select the data to download.
- c. To begin the transfer right click the selected data and click **“Download.”**

