Server Connnection process.

You will need ssh Which is a program that allows you to remotely connect to other devices:

On windows-

Open PowerShell as Administrator

Search for Powershell on the search bar.

Right Click on the PowerShell icon and select open as administrator

Run the following command

Get-WindowsCapability -Online | Where-Object Name -like 'OpenSSH*'

This will indicate the required packages in the following format

Name : OpenSSH.Client~~~~0.0.1.0
State : NotPresent

Name : OpenSSH.Server~~~~0.0.1.0
State : NotPresent

In this in our case, Only OpenSSh.Client is required as the goal is to connect to another server and not to allow other computers to connect to our machine

To install OpenSSH.Client run the following command

Add-WindowsCapability -Online -Name OpenSSH.Client~~~~0.0.1.0

In the case where you need the OpenSSH.Server run the following command(Keep in mind this does have some security implications in the case that you leave the SSH service open)

Add-WindowsCapability -Online -Name OpenSSH.Server~~~~0.0.1.0

If the installation is successful the output should Be

Path   :
Online   : True
RestartNeeded : False

In the case you are setting up a server and not connecting in (assuming you installed openSSH.Server) you will then need to start the service using the following commands

Start-Service sshd

Linux: (deb)
>	Open a terminal
>	Run the following commands
>>		sudo apt install ssh-client
>	If installing it on a server machine
>>		Sudo apt install ssh-server

To connect to a an openSSH server:
>	Open a PowerShell terminal and run the following Command
>>		ssh domain\username@servername
>	Replace "domain" with the Ip address of the device, "username" with the username of the account you are trying to connect to on the device, and ServerName by the name of the device.

Connect on a linux machine
>	Open a terminal
>	Run ssh username@Servername
>>		Replace "username" with the username of the account you are trying to connect to on the device, and ServerName by the name of the device.

To get a device's IP address in PowerShell run " -AddressFamily IPV4"