VCEA - Remote Connection

- By SSH or Terminal
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This documentation is to be used for connecting remotely to VCEA systems using different operating systems and tools.

By SSH or Terminal

**SSH Servers: EECS - Available SSH servers**

**From Linux: EECS - Connect to EECS SSH servers using Linux**

**From Windows: EECS - Connect to EECS SSH servers using Windows**

By Graphical User Interface

**X2Go**

**Important**

X2Go will only connect with the SIG servers. You will need to use NoMachine to connect to the SSH servers.

Insure this client is what you want to use to reach your target server.

1. Download & install the appropriate **x2goclient** for your machine
   - Windows: x2Go 4.1.0.0 client for Windows
   - MacOS: x2Go 4.1.0.0 client for MacOS
   - Linux: sudo apt-get install x2goclient

2. After installing & opening the X2Go Client, create a **New Session**

3. Configure Session
   a. **Session name**: short meaningful name
   b. **Host**: the fully qualified domain name of connection target
   c. **Login**: your username
   d. **Session Type**:
      i. **XFCE**
      ii. **ICEWM**
1. Configure Connection
   a. Speed: ADSL
   b. Method: 256k-jpeg

   d. We’re still testing various other connection methods, but this has given the smoothest general connection. If you find one that’s smoother and provides a better user experience, please let us know, we would be happy to share it!

X2Go Troubleshooting

If you have issues re-connecting to a previous session and want to terminate it to start fresh, you can do so by connecting with a different Window Manager.

- Example:
  - If originally connected with XFCE, you can connect with ICEWM and when prompted, terminate your XFCE session.
  - Then fully logout/close your ICEWM temporary session.
  - Finally, you should be able to log back in to XFCE with a fresh clean interface.

Choppy/Slow connection with broken window shading

- Try disabling compositor
  - Settings
  - Window Manager Tweaks
  - Compositor
  - Un-check: “Enable display compositing”

NoMachine
1. Install and launch NoMachine. (The proper version is listed in the info box above)

2. Select **New** connection, select **SSH** as protocol, then **Continue**.

3. For host, type `ssh1.eecs.wsu.edu`, or use one of the other available EECS SSH hosts, and select **Continue**.

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**Important**

NoMachine will only connect with the SSH servers. You will need to use X2Go to connect to the SIG servers.

It's important to use the correct version of NoMachine to access EECS servers. You can find the proper version of NoMachine at [https://eecs.wsu.edu/~e/files.html#nx](https://eecs.wsu.edu/~e/files.html#nx)

**Pro Tip**

`ssh1.eecs.wsu.edu` can get quite busy at times. For a list of alternate EECS SSH servers that are currently available, see this KB article.
4. Select **Use the NoMachine login**, then **Continue**.

5. Leave the options at their default (blank), select **Continue**.
6. Leave options at default (Don't use a proxy), select Continue.

7. Leave options at default (if you want, you can change it), select Done.

8. Home screen should look similar to this. Select **Connect to ssh1.eecs.wsu.edu**, then **Connect**.
9. Enter Username & Password, select OK.

Connection to ssh1.eecs.wsu.edu

Please type your username and password to login.

Username

Password

Save this password in the connection file

Login using a guest account
10. Select **Create a new GNOME virtual desktop**, then continue.

Select

![Virtual Desktop Options](image)

11. Select **OK**.

![Virtual Desktop Options](image)
12. Select OK.

13. Select the desired way to display the menu panel, then select OK.