VCEA - Remote Connection

- By SSH or Terminal
  - SSH Servers: EECS - Available SSH servers
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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**

Ensure 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
   c. 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**

**Important**

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

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 **sig1.eecs.wsu.edu**, or use one of the other available EECS SSH hosts, and select **Continue**.
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.

11. Select **OK**.
12. Select **OK**.

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