NoMachine

NoMachine is an application that allows users to create remote desktop sessions to our general purpose Linux servers.

It is highly recommended that you watch our NoMachine YouTube video if this is your first time connecting.

**What is Remote Desktop?** Remote desktop refers to creating a GUI (Graphical User Interface) representation of a computer’s desktop on another computer. This method of connection is preferred for those users looking to interact with a desktop GUI rather than the command line interface.

**How to Obtain NoMachine** The NoMachine client can be downloaded from the NoMachine website. Select the download appropriate for the operating system for which you wish to install the client on.

**Installing the NoMachine Client**

1. Launch the NoMachine installer (nomachine_verison.exe). It will initiate the NoMachine Setup Wizard.
2. Accept the license agreement and select Next.

![License Agreement](image1.png)

3. Select the destination folder for the NoMachine client to be installed to. The default location is recommended. Select Next.

![Select Destination Location](image2.png)
4. Select Finish to complete the client installation.

Setting Up a Connection

1. The first time the NoMachine client is launched after installation it will prompt the user to enter in the connection information. Otherwise, to create a new connection select New from the menu bar.
2. The NoMachine client will go step by step through the connection creation process. The first step is to select a connection protocol. Select SSH from the drop down menu.

3. The next step is to enter in the hostname and port number. For the hostname enter in the name of the server you would like to connect to (use the following format: servername.secs.oakland.edu). Ensure that the port is 22.

Check the server tab on the SECS Technology web page for available General Purpose Linux servers.
4. The next step is to select the means by which to authenticate on the host. Select Use the system login.

5. For the authentication method, select password.
6. The next step is setting proxy settings. Select Don’t use a proxy.

7. The final step is to decide the name by which the connection will be saved as. The option to create a shortcut to the connection on your desktop is available during this step.

Connecting To A Server With NoMachine

⚠️ Note: You will need to Connect to the SECS VPN before connecting to the general purpose Linux servers from off campus.
1. Open the NoMachine client. Select the connection you would like to use.

2. When connecting to a general purpose Linux server for the first time, a verify host authenticity message will be shown. Select Yes.
3. Enter in your SECS credentials in the Username and Password fields. Then select OK.

4. Select Create a new virtual desktop. And then select Continue.

You will now have a remote desktop session with one of our general purpose Linux servers.