

# Connecting to a Mosaic Anywhere Server

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Last Updated: 2/24/14

The web interface to select a Mosaic Anywhere server now includes the following features:

- Users are now shown systems ranked by performance, clock speed of the processor or the amount of RAM. This allows users to pick the most powerful machine available.
- Systems that are occupied are shown in a single group at the end of the list.
- If you lose your connection or close out of the remote session, a new method has been implemented to assist in reconnecting you to your machine.
- A new way of handling multiple users who try to connect to the same machine.
- A list of available software is shown with the web page.
- A quick connect button has been added to connect you to any available machine.


If you need more help than what is provided in this document, please contact the Mosaic Helpdesk in Smith 249 between 8am and 7pm, Monday through Friday by walk up, telephone at (704) 687-5080, or by [opening a ticket](#).




## Connecting to a Machine



In order to connect to Mosaic Anywhere, please go to




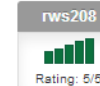
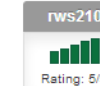



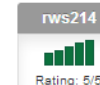
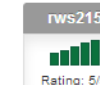
<http://engrmosaic.uncc.edu/mosaic-windows-7-release/connect-me-win-7> in your web browser. You will then be presented with the Mosaic Anywhere Windows 7 WebApp.

Select Windows 7 Mosaic Anywhere server from the list of available systems 

(See available software)

Quick Connect 

 52 Total, 50 Available, 2 Occupied Sort By: Performance Index 


 Rating: 5/5	 Rating: 5/5	 Rating: 5/5	 Rating: 5/5	 Rating: 5/5
 Rating: 5/5	 Rating: 5/5	 Rating: 5/5	 Rating: 5/5	 Rating: 5/5

The easiest way to connect to a machine is to click the “Quick Connect” button.






If you would like to connect to MosaicAnywhere XP, you must navigate to











<http://engrmosaic.uncc.edu/mosaic-anywhere/connect-me-xp> in your web browser. You will then be presented with the Mosaic Anywhere XP WebApp.

Select Windows XP Mosaic Anywhere server from the list of available systems 

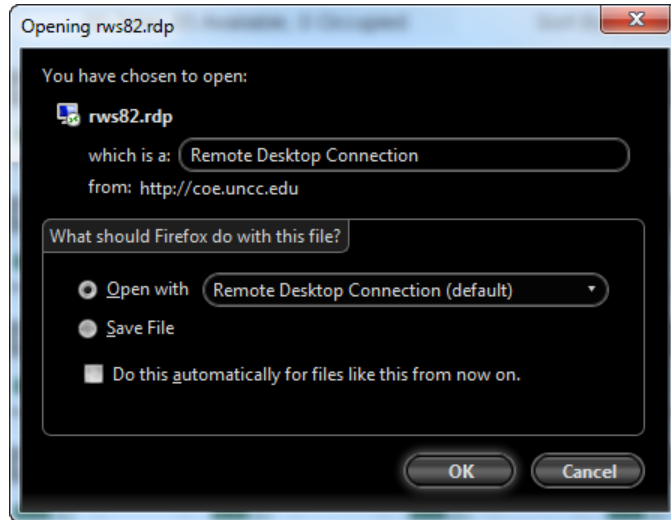
(See available software)

Quick Connect 

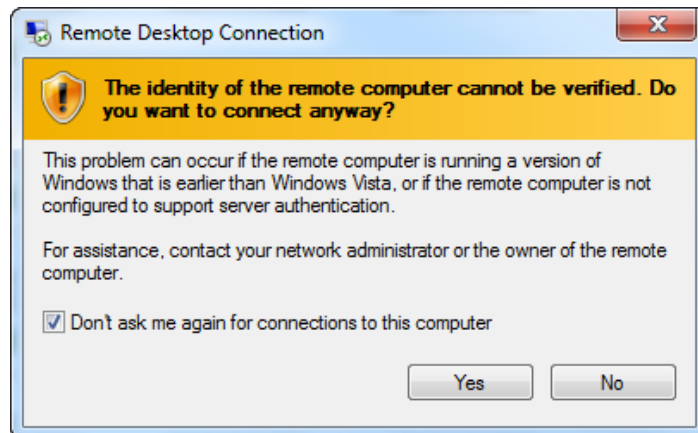
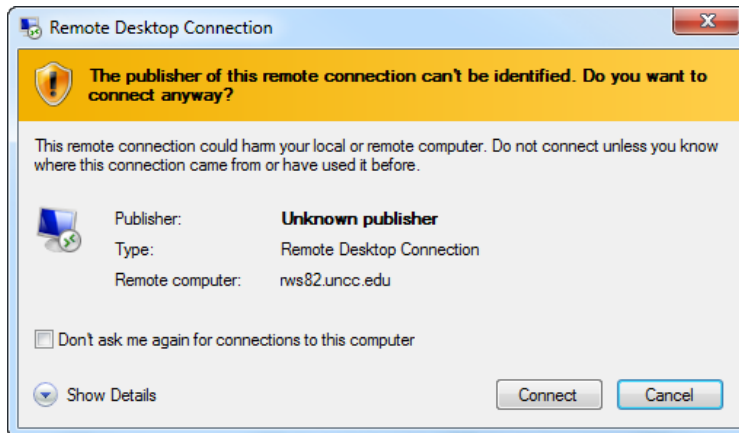
 85 Total, 77 Available, 8 Occupied Sort By: Performance Index 

 Rating: 3/5	 Rating: 3/5	 Rating: 3/5	 Rating: 3/5	 Rating: 3/5
 Rating: 3/5	 Rating: 3/5	 Rating: 3/5	 Rating: 3/5	 Rating: 3/5

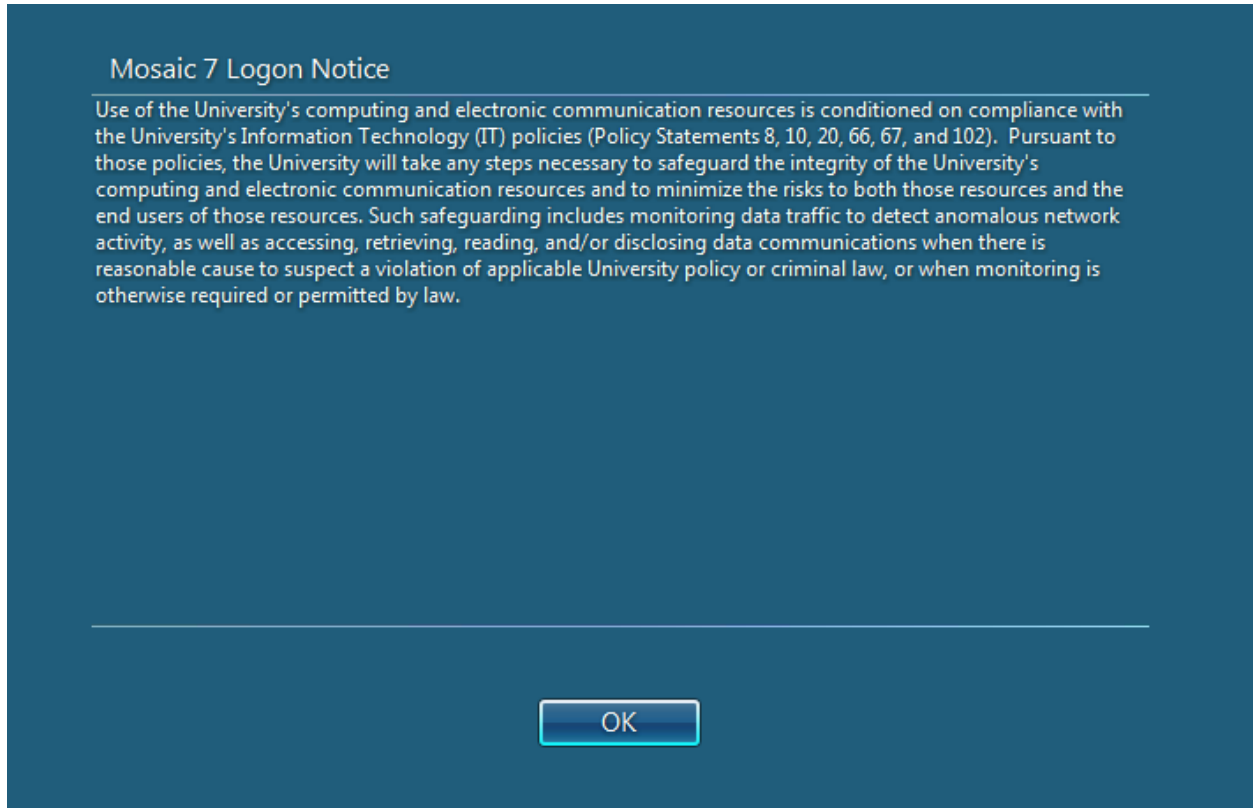
Depending on your browser, you will be asked to download a file. Download it and run the file. The example below is shown from Firefox.



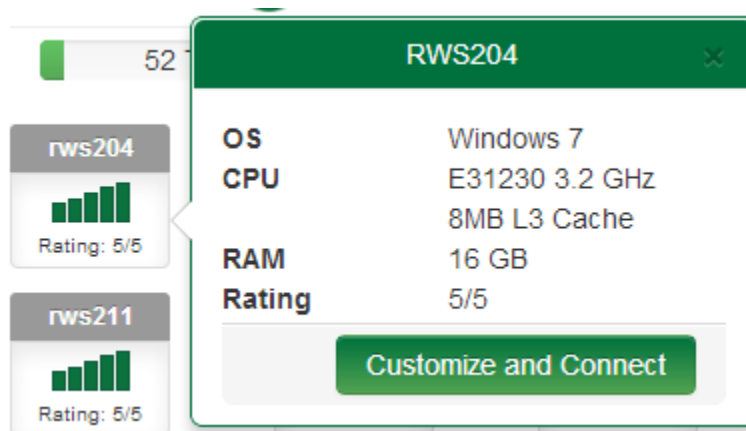
When you run the file, you may be asked if you are sure you wish to connect to the remote machine. Just click the “Connect” and “Yes” buttons.



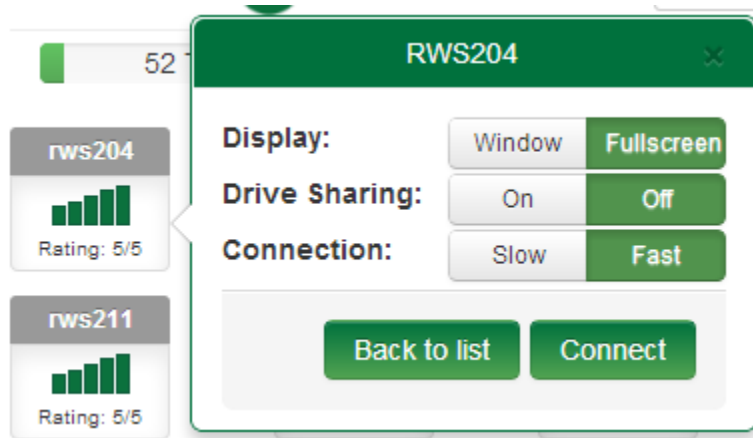
You can now login to Mosaic Anywhere.



If there is a specific machine you wish to connect to, you can simply click the icon for the RWS machine you wish to connect to. Then click the “Customize and Connect” button.



Now you can set whether you want Mosaic Anywhere to be in a Windowed mode or full screen, whether you wish to share your drives, and what kind of connection you have. Once you have selected your options, click the “Connect” button.



You will now be connected to Mosaic Anywhere.

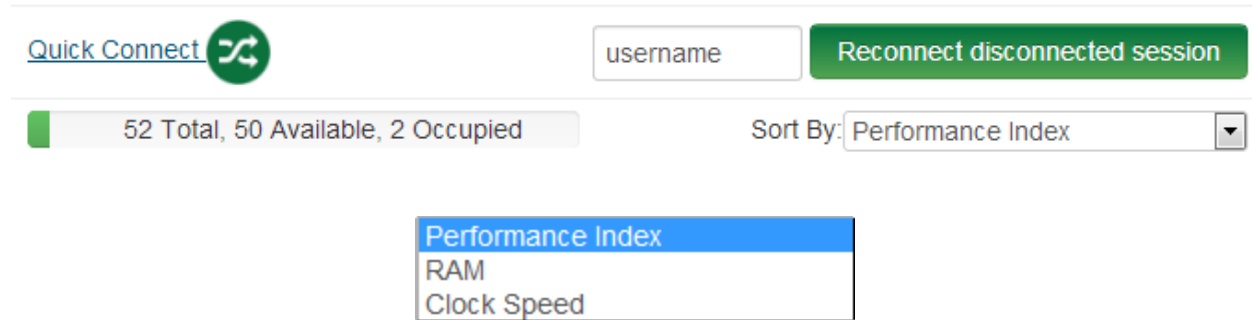
**Mosaic 7 Logon Notice**

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OK

## Sorting the Mosaic Anywhere Pool

If you have a specific requirement for the machine you are connecting to, you can sort the Mosaic Anywhere Pool by the Performance index of each machine, the amount of RAM available, and by the clock speed of the processor. Simply select the item to sort by in the drop down menu and the machines will be reordered.



In order to calculate the performance index of a machine, the amount of RAM, clock speed of the processor, and the amount of cache the processor has is taken into consideration with the following formula:

$$\text{Rating} = \left( \frac{\text{Amount of RAM in MB}}{16384} \right) * 0.5 + \left( \frac{\text{Clock Speed in GHz}}{3.6} \right) * 0.4 + \left( \frac{\text{Number of Processors} * \text{Number of Threads}}{4} \right) * 0.1$$

The Rating value is then multiplied by 5 and rounding occurs to a whole number. As an example, a server with 8 GB of RAM and a processor with 8 MB of cache and a frequency of 3.6 GHz, would receive a Rating of 0.75 but a ranking of 3.75 (multiplying 0.75 by 5) and then a score of 4 (3.75 rounded up).

## Reconnecting to Your Machine

If you become disconnected from your machine or close out of the Mosaic Anywhere session without logging out, you can now reconnect easily. Simple type your user names in the box beside the “Reconnect disconnected session” button and the click the “Reconnect disconnected session” button.



Now customize your connection settings and the click the “Reconnect to rws##” button”.

Quick Reconnect ✕

**Display:**

**Drive Sharing:**

**Connection:**