Remote Access Setup (2x - machine specs: 56 threads, 128GB RAM, 2TB RAID-0 SSD array)

You will be able to stream a full windows desktop session from any internet connection
(**the vpn needs to be connected if you are off campus**).
If you are having difficulty running please stop by the service desk in 235 Sibley Hall. All AAP students should have access automatically.

Software on the servers:
Rhino w/VRAY/maxwel/Grasshopper
Google Sketchup pro 2016 w/vray
Arc GIS 10.4.1
Implan (and many 2007-2010 data sets)
Stata IC
Global Mapper
Adobe CC
(and a few others)

Connecting from Off Campus?
1) Install the Cornell VPN: https://cuvpn.cuvpn.cornell.edu

2) Every time you want to use splashtop you will need to run this installed CISCO Anyconnect app (and connect).

How to Install
Windows User:
1) Remote desktop is already installed as part of Windows (best performance in Windows 8 and 10).
- Download the pre-configured shortcut here: http://share.aap.cornell.edu/webpickup/Render_Windows.zip - Unzip and double click.
  Both render server shortcuts are in the zip file.
- Fill in your username and password with your netid@cornell.edu and your password (if it doesn't ask for a user click 'use another account').
- Your local computer drives should now be connected to the server and be visible in the 'Computer' icon on the server.
- We recommend copying large files to the server first and not remotely opening them (see below under 'optional').

Mac User:
1) Open the 'App Store' and search for 'Microsoft Remote Desktop' (Reddish/Orange Icon). Install it.
        Or click this link: https://itunes.apple.com/us/app/microsoft-remote-desktop/id715768417?mt=12#
- Download the config file here: http://share.aap.cornell.edu/webpickup/Render_Mac.zip

- Open the app and go to File - Import and choose the unzipped config file (Rendering_Mac.rdp). It should appear in your list, click to connect.
- When asked, fill in your username and password with your netid@cornell.edu and your password.
  Both render server shortcuts are in the zip file.
2) **Storage:** You can store files on your Desktop, Documents, or any other folder
in your user folder.

Optional (if the auto mapping config doesn't work in windows, or on a mac)
3) HOW TO TRANSFER FILES FROM YOUR COMPUTER
TO THE SERVER
*NOTE: You must first follow the steps above and successfully login so that your folder can be created automatically.

Macintosh (make sure you are in the Finder, click anywhere on your desktop):
1. Click 'go' and 'connect to server' in your top menu.
2. type: smb://render1.aap.cornell.edu/Users/ or smb://render2.aap.cornell.edu/Users/
3. login with cornell netid and password.

Windows:
1. Open up the computer icon and choose 'map network drive' from the file menu.
2. type: \\render1.aap.cornell.edu\Users\ \\render2.aap.cornell.edu\Users\
3. check 'use different credentials' and 'reconnect at startup'
4. login with cornell netid and password.

POLICIES
Do not store personal information on this server (including grades or identifiable information).

This should only be used for AAP related schoolwork.

Never allow another user to use your account (no sharing).

Be respectful of the shared server, don't render huge files just because you can, use good judgment and be efficient.

Do not store more than a few GB's on this server. There is a limit enforced and you will automatically receive a warning when you near it.

Idle users that have disconnected will be logged out automatically after 24 hours.
If you have a large render please check on it every 23 hours.

When done with your work for the day:
Double click the file on the desktop called 'double click to logoff when done.bat"

Please do not utilize both render clusters at the same time (fair usage)

Very important:
Idle users that have disconnected will be logged out automatically after 24 hours. If you have a large render please check on it every 23 hours.

When done with your work for the day:
Double click the file on the desktop called 'LOGOFF.bat when done.

If you want to grab your work from Render1 or Render 2 while you are on Render 2 or Render 1, you can connect to the other servers drive from within the other by following the OPTIONAL instructions to the left.