Remote Apps state as of 2024

Seriously, carefully read the documentation for this!
https://www.uottawa.ca/faculty-engineering/it-services/remote-apps
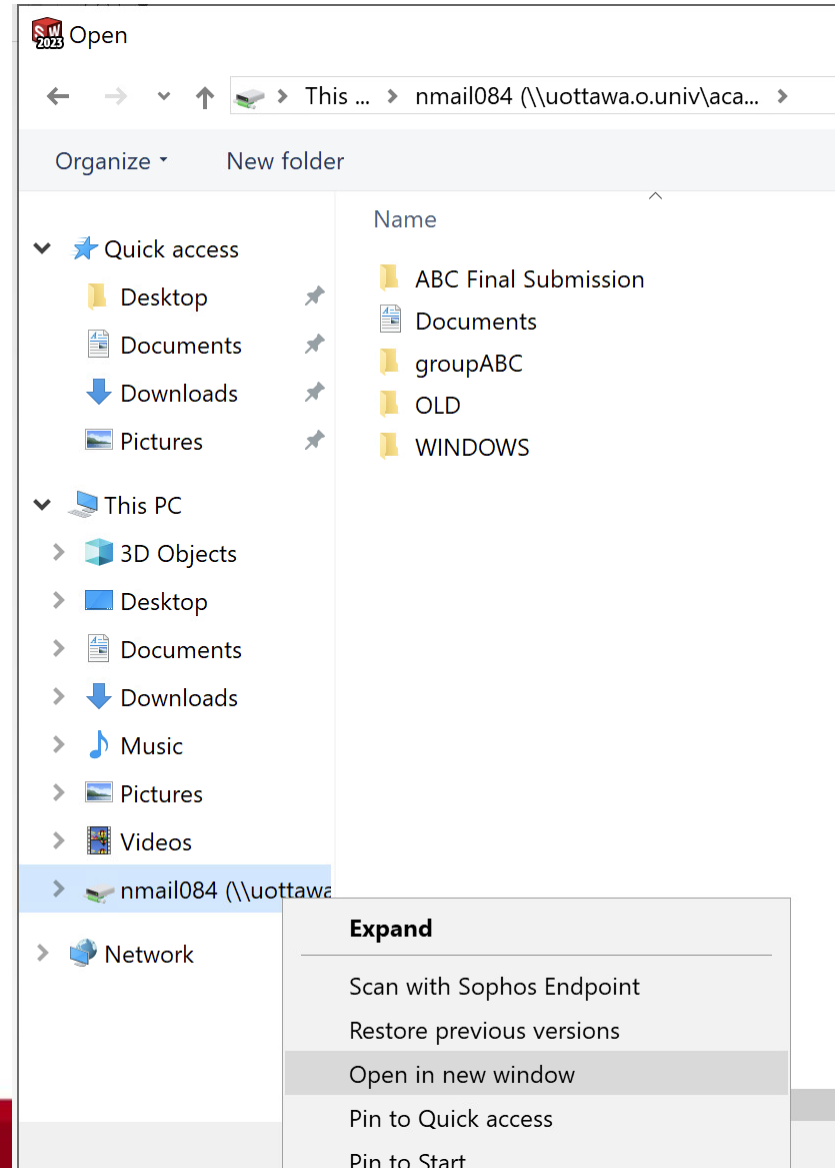
Most important points up front:

1. It is essential to set up a remote desktop client to enable the recommended file transfer between your local drive and remote drive.

2. Work with a good, stable internet connection.

3. Solidworks and Matlab is the most consistently functional when using files on your student network drive (H: or Z:) .

4. **Save OFTEN**. Historically, bad network connections and Solidworks being Solidworks have caused the most tears to be shed when students lose their work.

Remote Apps file system

To access the remote file explorer:

- Pick any "open file/folder" prompt in the software you have started,

- Right click your remote drive,

- Select "open in new window",

- A new windows file explorer window will open!

Use YOUR uOttawa network drive!!!

Do use

uOttawa network drive (Network locations)

- **You should use this drive** for saving your work, because it is the fastest and because it is available to you across campus on all lab computers.

- In Remote Apps, the location of your network drive should start with **\\uottawa.o.univ\acadhomes\...** This is your uOttawa network drive, to which the Remote App server has high-speed access.

- This appears as under Network locations as your Z: drive if you are a student, or or H: drive if you are an employee.

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Avoid using

Personal computer drives (Devices and drives)

These are drives on your personal computer. Although it is convenient to access files stored on your personal computer with Remote Apps, we recommend not using them directly with remote applications for performance reasons: When you use Remote Apps, the application displayed is running on a server within the University's network. Files on your computer will be accessed via network using the RDP protocol, which is not designed for fast file access. This considerably reduces the performance of your remote session. We recommend instead that you transfer your files to your uOttawa network drive (Z:), then open them from that location.

Remote App server folders (Folders)

You should never use these folders to store your files. Files saved in these folders will be destroyed at the end of your remote session.

To make the point clear

Saving files in the Network drive is better (Z: or H: drive. It's faster since it is on the same network as the remote apps tool itself. This will make a big difference in using Solidworks. Save your work here, as you go along.

Saving files on your local drive is worse (C: drive). Using this drive will affect performance especially with applications that frequently write to the file - like Solidworks, since all of the file information must traverse much slower networks to get to and from your local machine.

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File transfer between local and remote drive

As simple as copy and pasting files between windows...

But only if you have set up permissions for the remote client app, client and system dependent!

https://www.uottawa.ca/about-us/information-technology/remote/lab

Steps

On this page you will find how to connect to the portal from your personal devices and work efficiently with the University's licensed softwares and applications.

Before using uOlabsPlus: You will need to self-enrol your account for Multi-Factor Authentication (MFA).

Connect to uOlabsPlus   Working with files   Saving and file performance   **Share and transfer**

File transfer between local and remote drive