National Institutes of Health
Office of Management

NIH Library Bioinformatics 2 Workspace Remote Access Directions

National Institutes of Health Library

Office of Research Services
National Institutes of Health
U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES

Logging In

For Windows

- Please make sure that your pc is connected to the **NIH VPN Client**
- Microsoft Edge and Firefox are best for connecting KVM
- Log into https://librarybio2.ors.nih.gov/#/signin

For Mac

- Please make sure that your pc is connected to the **NIH VPN Client**
- Safari is best for connecting KVM
- Log into https://librarybio2.ors.nih.gov/#/signin

Please do not Sign Out, Restart, or Shut off the Remote Workstation

We recommend that you do not save your data files on our workstations.
Save your data files back to your network directory or external storage to protect against loss or corruption.
The NIH Library will routinely purge customer files from the workstations

Initial Steps: Windows Users

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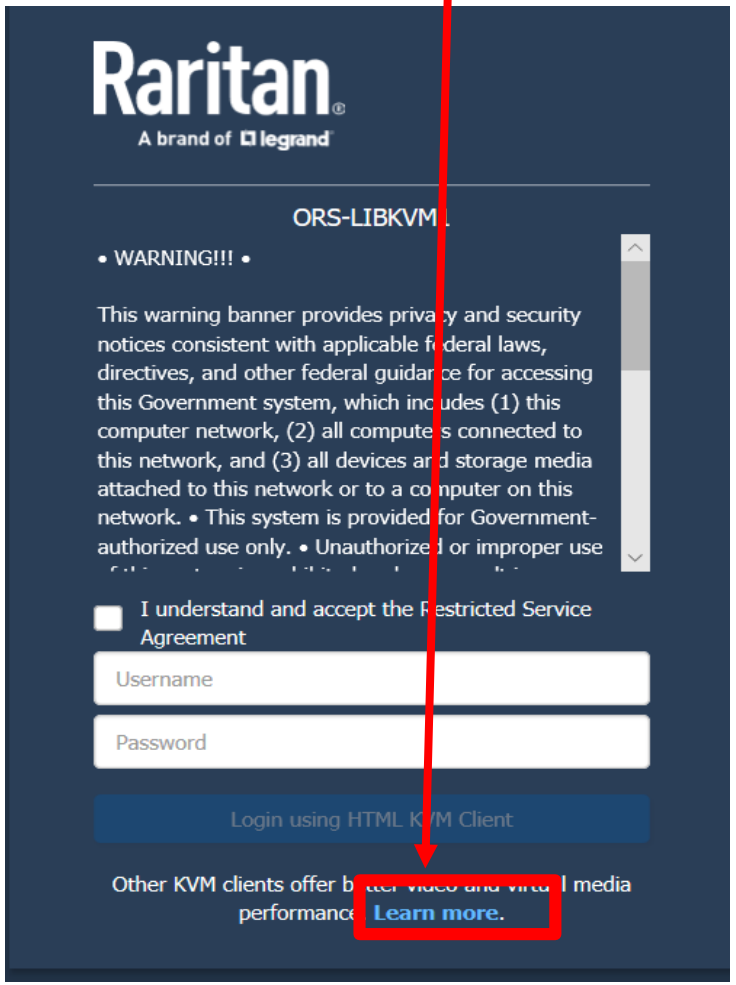
- First Click on **Learn More**



- Next On Client Options screen
- Select

  "Virtual KVM Client Standalone (VKCS)"

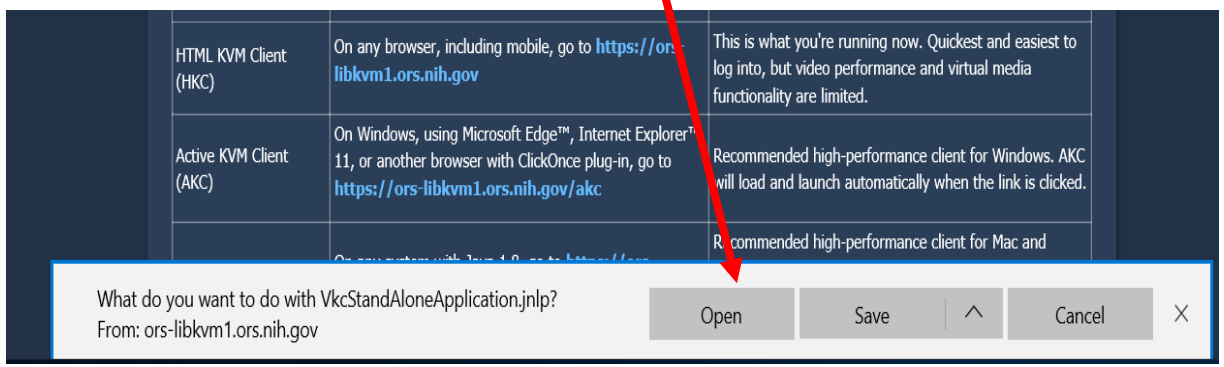
Client Options

Three different clients are available to launch KVM sessions or administer your device, each with its own benefits. Note that you must log into each client separately.

Client Name	How to Launch	Notes
HTML KVM Client (HKC)	On any browser, including mobile, go to **https://ors-libkvm1.ors.nih.gov**	This is what you're running now. Quickest and easiest to log into, but video performance and virtual media functionality are limited.
Active KVM Client (AKC)	On Windows, using Microsoft Edge™, Internet Explorer™ 11, or another browser with ClickOnce plug-in, go to **https://ors-libkvm1.ors.nih.gov/akc**	Recommended high-performance client for Windows. AKC will load and launch automatically when the link is clicked.
Virtual KVM Client Standalone (VKCS)	On any system with Java 1.8, go to **https://ors-libkvm1.ors.nih.gov/vkcs**	Recommended high-performance client for Mac and Linux. After clicking link, VKCS will download. If browser does not do it automatically, click the downloaded .jnlp file (or ctrl-click on Mac) to launch.

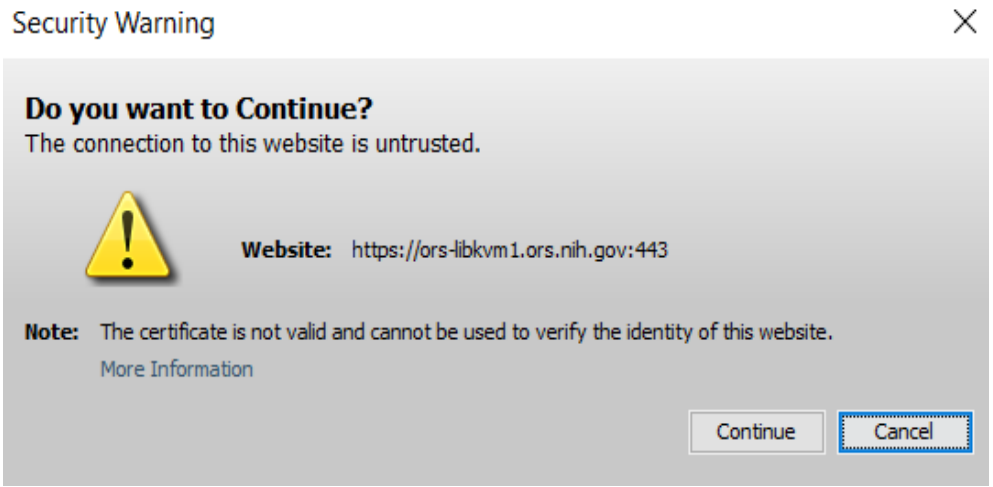
Initial Steps: Windows Users Continued

- **Next** Click on **Open**



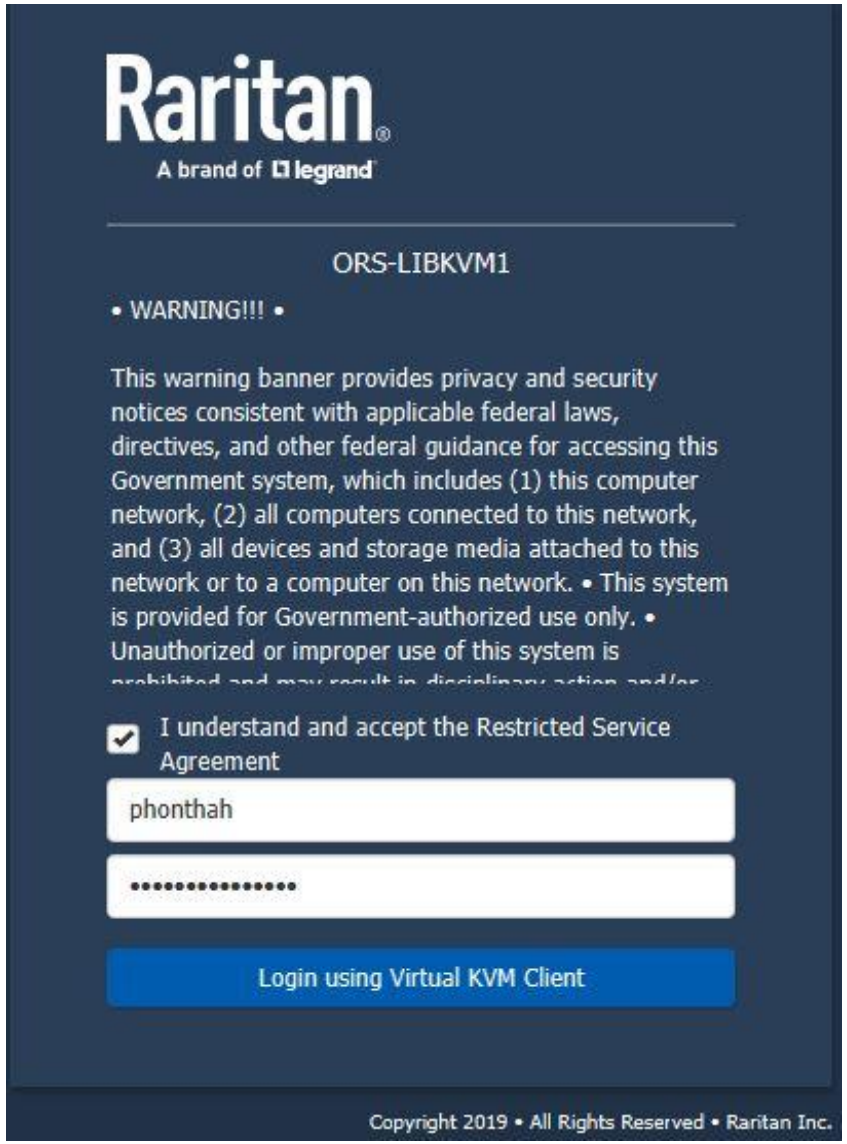
- **Then** on "Security Warning" click on **Continue**

  - It may take up to 10 sec. for the KVM log in screen to come up.



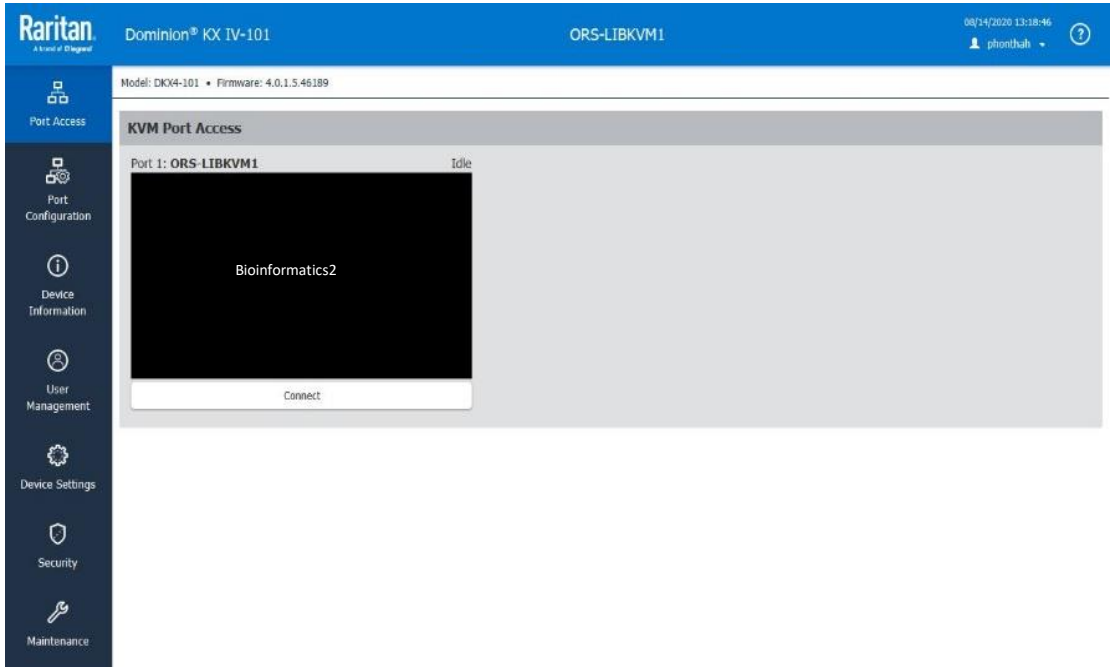
Windows and Mac Users

- **Login using NIH credentials**



After Successful Log In

- Click on **connect** to Bioinformatics 2



Best Display Settings

For the best display, use the following options:

- On “View” menu, select “**Scale Video**”
- On “Mouse” menu, select “**Absolute Mouse Mode**”

Using a USB Drive for Media

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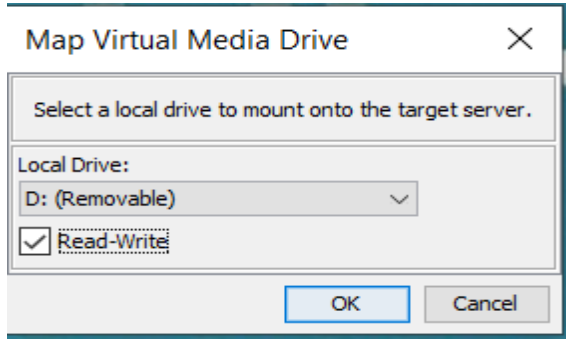
Windows

- Plug in USB device to your PC
- On "**Virtual Media**" menu, select "Connect Drive…)
- Check box "**Read-Write**", click **OK**, then click **Yes**
- Successfully Connected pop up then click **OK**



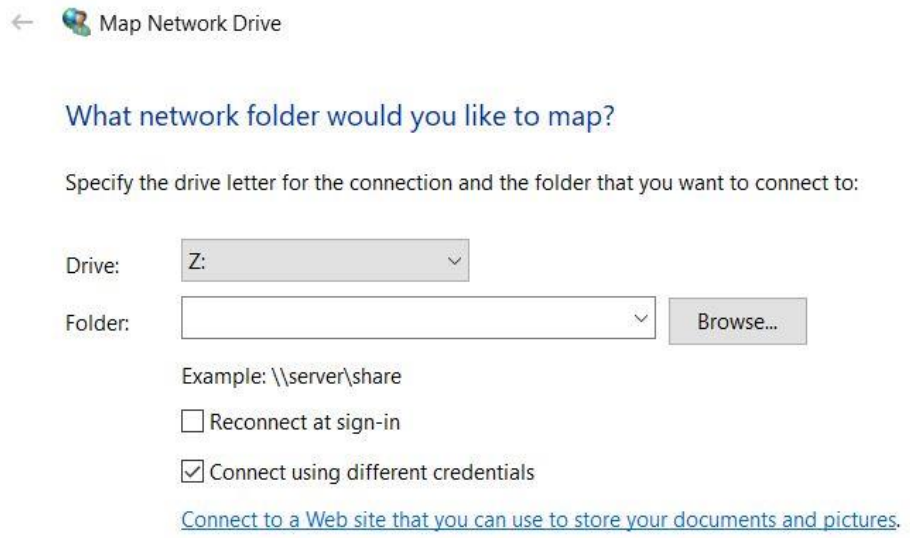
Mac

- Plug in USB device to your PC
- On "**Virtual Media**" menu, select "**Connect Files and Folders**"
- Map Virtual Media Files and Folders screen pops up
- Drag and drop the USB device from your Mac into the "**Drag and drop file and folder here**"
- Now your USB device is ready for usage

After you're done using the remote workstation, please remember to **disconnect** your USB device by clicking on "**Virtual Media**" menu and select "**Disconnect files and folders**"

Mapping to your Network Drive or Folder

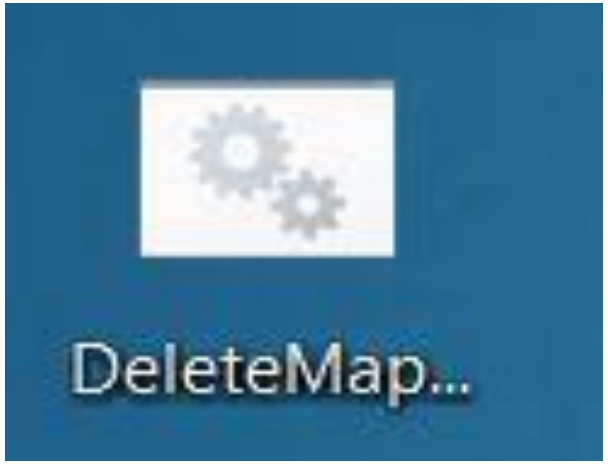
1. Right-click on “This PC” in File Explorer
2. Click “Map network drive…”
3. Popup Window



4. Use letter Z: for Drive:
5. Folder: \\server\share (you can get this from “This PC” on your NIH computer.)
6. Uncheck “Reconnect at sign-in
7. Check Connect using different credentials
8. Click “OK”
9. Enter your NIH credentials

Disconnecting from Remote Access

On the remote desktop “**NIH Library Bioinformatics 2**”,
double-click icon “**DeleteMap…**”



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