Accessing YBRC Remote Enclaves (Mac OSX)

*If accessing off-campus, you must use the UM VPN to gain access
https://its.umich.edu/enterprise/wifi-networks/vpn/getting-started

*Mac OSX users will need to download the Microsoft Remote Desktop Client 10

*Access to the Precision Health Virtual Machines is automatically granted after logging into DataDirect.

- Open the Microsoft Remote Desktop Client Version 10. If you are unsure what version you have, click on the Microsoft Remote Desktop menu, then select “About”. If you are on any version earlier than 10, update using the iTunes link above

![Microsoft Remote Desktop Menu](image)

- In the Remote Desktop application window, click on the + icon then select “Add Workspace”

![Add Workspace Option](image)

- Enter the following URL. Once an association is found, click on the Add button
  https://gw.ph.ses.cloud.arc.umich.edu/
Enter your username as **UMROOT\uniqname** and the password as your **level-1/UM password** and click “Done”. 
Now, located in the “Workspaces” tab of the Microsoft Remote Desktop client, you should have a Precision Health computer icon. Double click on the icon to start the connection process.

Note: If two Precision Health icons are appearing, the most current one may display under Work Resources (ph.ses.cloud.arc.umich.edu). Please delete the connection to precision-health.med.maize.ybrc-ts.umich.edu, as it is no longer valid.
Enter your username as **UMROOT\uniqname** and the password as your **level-1/UM password** and click “Done”.

Once logged in successfully, read and agree to the terms on the U-M Responsible Use Banner.

Authenticate with Duo using your preferred method on the next step.

Now, you should now be logged into your Yottabyte virtual machine. You can access it using the Feeds tab on the Microsoft Remote Desktop client for easy access.