

# Virtual Desktop

The **Virtual Desktop** allows you 24-hour, secure access to UNM computer applications from your own, personal laptop or Chromebook. You do not need to install the apps on your personal device, and you do not need to purchase specialized hardware. Although you can access the virtual desktop anywhere you have internet connectivity, it is recommended that you **use a high-speed internet connection and a PC for best performance.**

The **Virtual Desktop** enables you to run common and specialized software used in geography, such as Adobe Creative Cloud, ArcGIS, ENVI, Microsoft Office, PTC Creo, and SPSS, with very minimal setup.

The Department of Geography & Environmental Studies offers two Virtual Desktop systems: the **LoboVirtualDesktop (or Windows Virtual Desktop, WVD)** ([See instructions on slides 2-14](#)) and the department's own **Virtual Desktop Infrastructure (VDI)** ([See instructions on slides 15-25](#)).

**LoboVirtualDesktop  
(or Windows Virtual Desktop, WVD))  
Connection Tutorial**

# LoboVirtualDesktop (or Windows Virtual Desktop, WVD)) Connection Tutorial

Desktop Client from your machine! (This is the suggested approach if your device supports; More Features supported under this )

Navigate to  
<https://lobovirtualdesktop.unm.edu>  
from your browser of choice



Click  
"Request  
Access"

## Get Started

LoboVirtualDesktop is available to students, faculty, and staff at UNM [Request access](#) and get started.



## LoboDesktop Access Request

Use this form to request access to LoboDesktop. Your affiliation is used to present you with the most relevant Desktops and Apps based on your role.

Full Desktops are geared toward Students and Faculty at this time. A Full Desktop is like a second computer that you connect to from your own - applications are pre-installed and you launch them from the Start menu (ArcGIS, Adobe, Matlab, Office, PTC Creo, SPSS, etc.).

Apps are geared toward Staff at this time. Apps are not a Full Desktop experience - when you launch an App, it appears on your own device as if it is running locally but it is actually running on a remote computer.

You can submit this form more than once to request additional access (if needed).

Once submitted, access is typically granted within minutes (you will be notified via your UNM Lobomail email address) unless your request requires approval (denoted with a \*).

For additional information and instructions, see <https://goto.unm.edu/lobovirtualdesktop-help> and <https://goto.unm.edu/lobovirtualdesktop-videos>.



Hi \_\_\_\_\_, when you submit this form, the owner will be able to see your name and email address.

\* Required

Fill out and submit your request form. You will receive an email informing that you have access to the Microsoft Remote Desktop.

Navigate to  
<https://lobovirtualdesktop.unm.edu>  
from your browser of choice



Click  
“get  
started”

## Get Started

LoboVirtualDesktop is available to students, faculty, and staff at UNM. [Request access and get started.](#)

Download and install the program by clicking the corresponding link based on your operation system in the red box.

## Get Started

### Who Can Use LoboVirtualDesktop?

LoboVirtualDesktop is available to the following users at UNM:

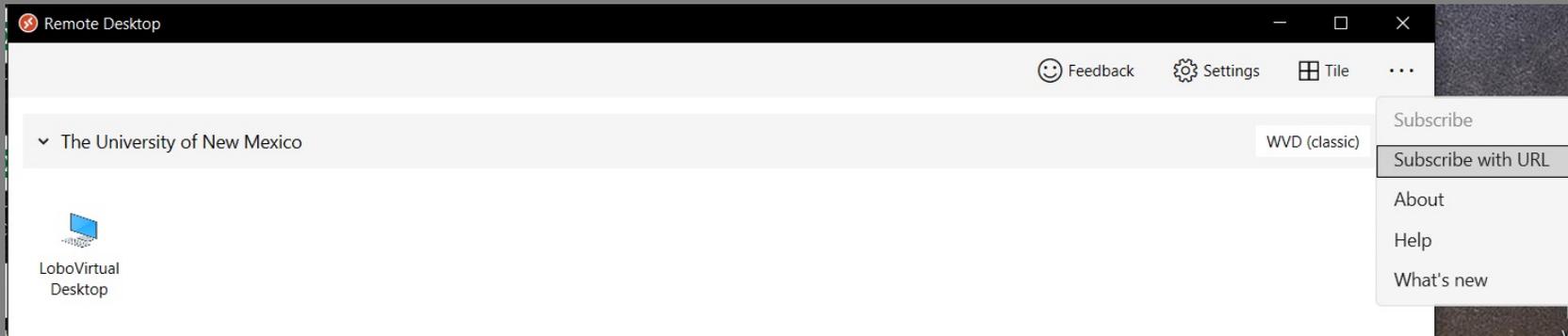
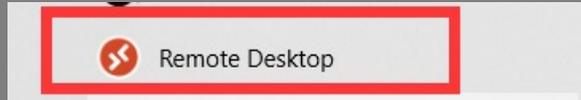
- Current Students
- Active Faculty and Staff

### System Requirements

LoboVirtualDesktop is accessible on the following types of devices:

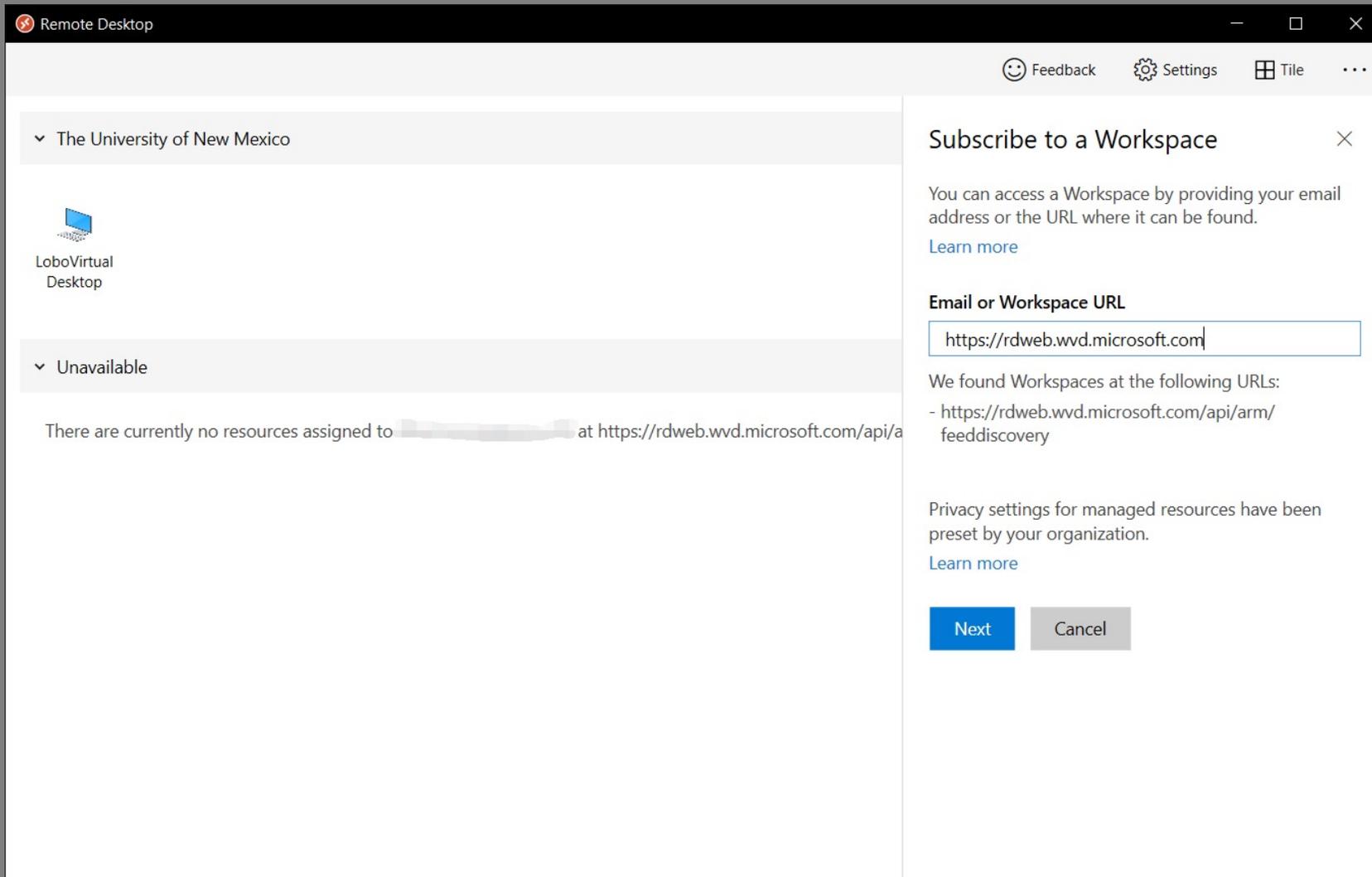
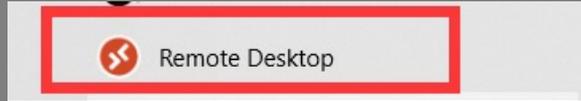
- Desktop, laptop or tablet running **Windows 7 or Windows 10** (32-bit or 64-bit)
- Desktop or laptop computer running **macOS** (macOS 10.12 or later, 64-bit processor)
- Mobile device (tablet or phone) running **Android** (4.0 and up)
- Mobile device (tablet or phone) running **iOS** (13.0 or later - compatible with iPhone, iPad, and iPod touch)

In your start Menu on your computer, Open “Remote Desktop Client”



Click “Subscribe with URL”, enter <https://rdweb.wvd.microsoft.com>.

In your start Menu on your computer, Open “Remote Desktop Client”



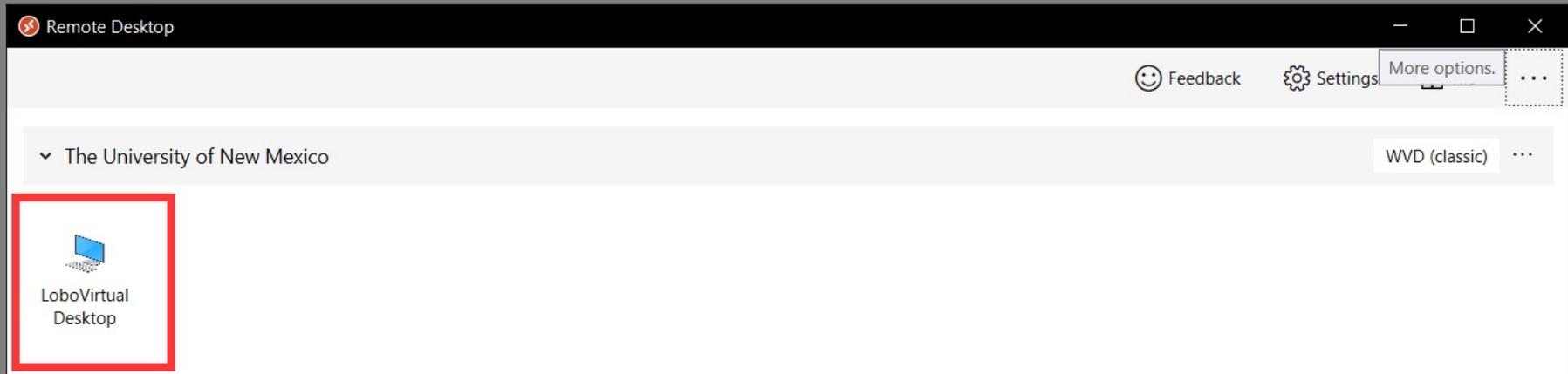
Enter  
<https://rdweb.wvd.microsoft.com>

This is only for the first-time set up. After it is set up, you don't need to do it again in the future.

Use your UNM email to log in.

The image shows a Windows Remote Desktop window titled "Remote Desktop" with a close button (X) in the top-left corner. The window displays a Microsoft account selection dialog box. The dialog has a white background and a dark border. At the top left of the dialog is the Microsoft logo. Below it, the text "Pick an account" is displayed. There are two account options listed: the first is a greyed-out account with a profile picture icon and the text "Connected to Windows"; the second is "Use another account" with a plus sign icon. At the bottom of the dialog, there are links for "Terms of use" and "Privacy & cookies" followed by a three-dot menu icon. The background of the Remote Desktop window shows a blurred view of a web browser with a search bar and navigation buttons.

The LoboVirtual Desktop will show up. Double click it.



Note: if you are accessing **ENVI** and **TerrSet**, they will appear here and you can directly click the software rather than the LoboVirtual Desktop.

Data transfer options:  
Connect to OneDrive  
Click Connect to USB device

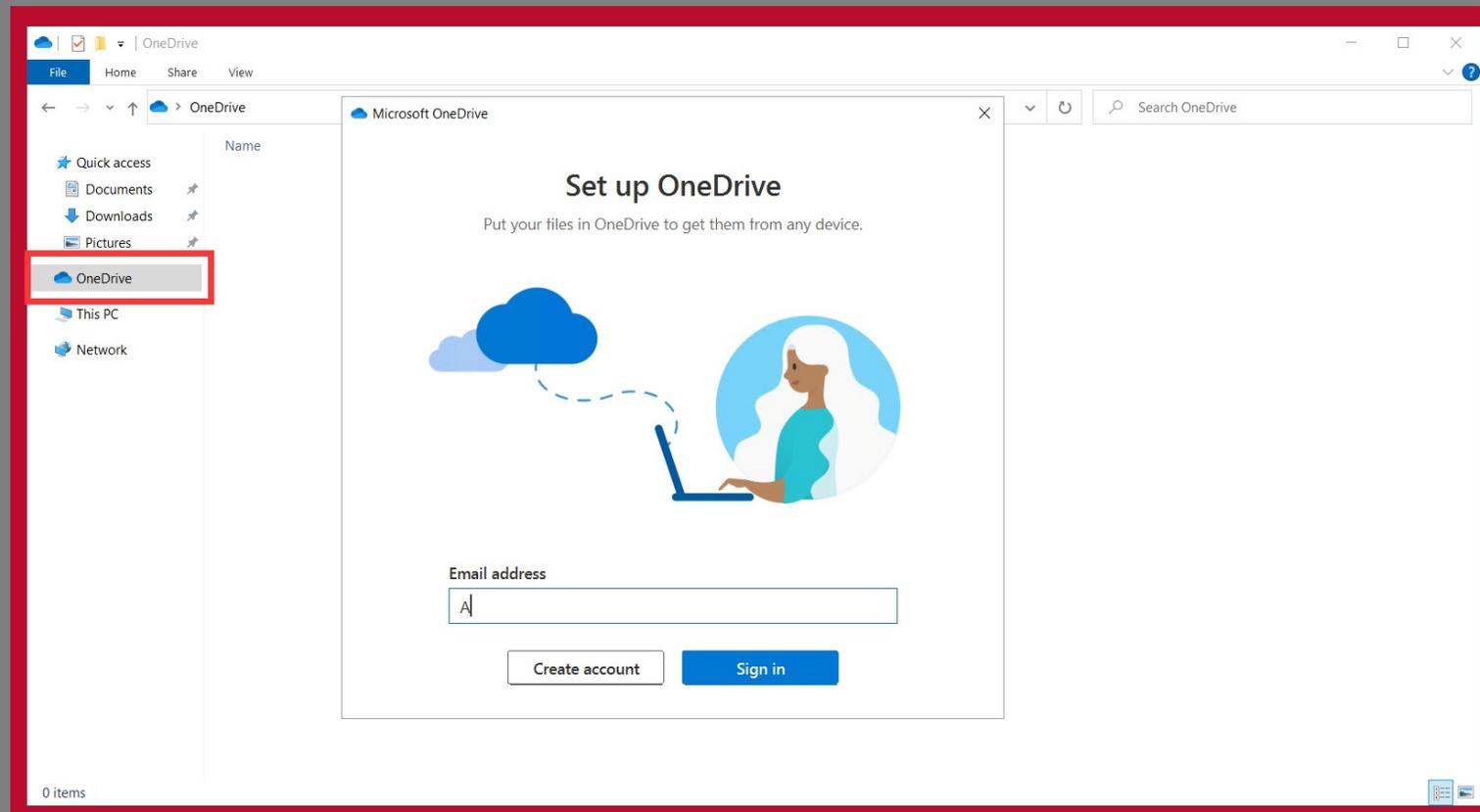
**WARNING: SAVE ALL DATA TO YOUR USB DRIVE OR CLOUD STORAGE BEFORE LOGGING OFF Windows virtual desktop (WVD)!!! ALL DATA ON VM IS DESTROYED!!!**

## Data Transfer

With the desktop client, there are a few ways to get your data on the virtual machine.

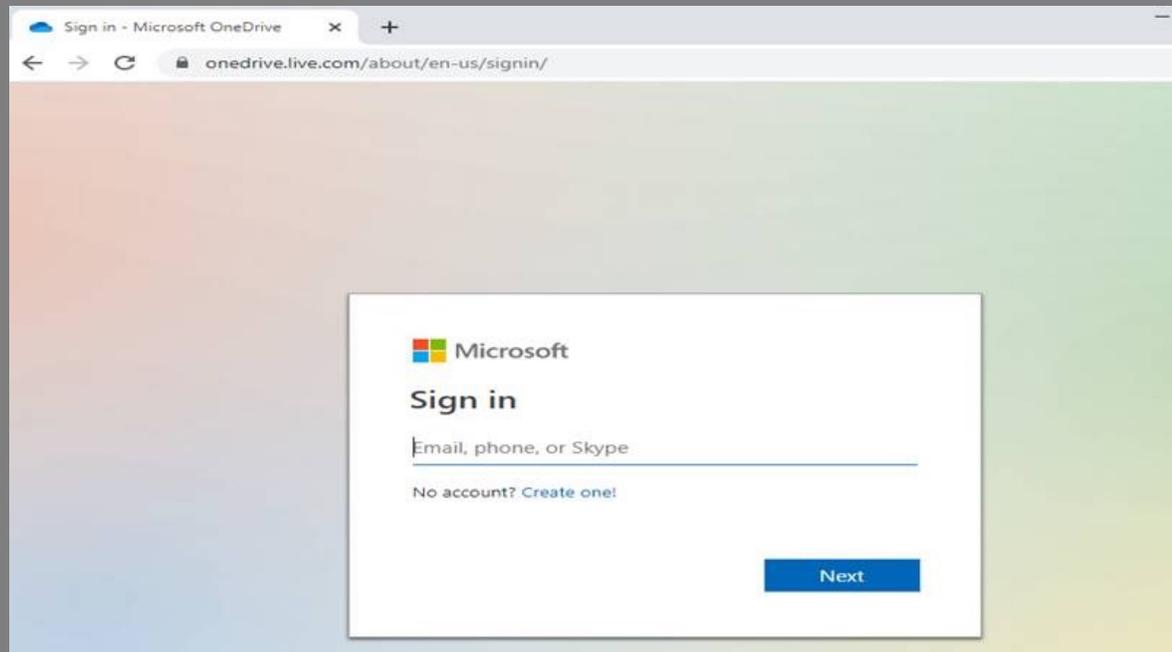
# Data Transfer Option 1: OneDrive

One way to access OneDrive is to go to the file management system on the left and click “OneDrive” and wait until the “Microsoft OneDrive” window shows up. Sign in with your UNM email address. Now you can use your OneDrive within this folder.



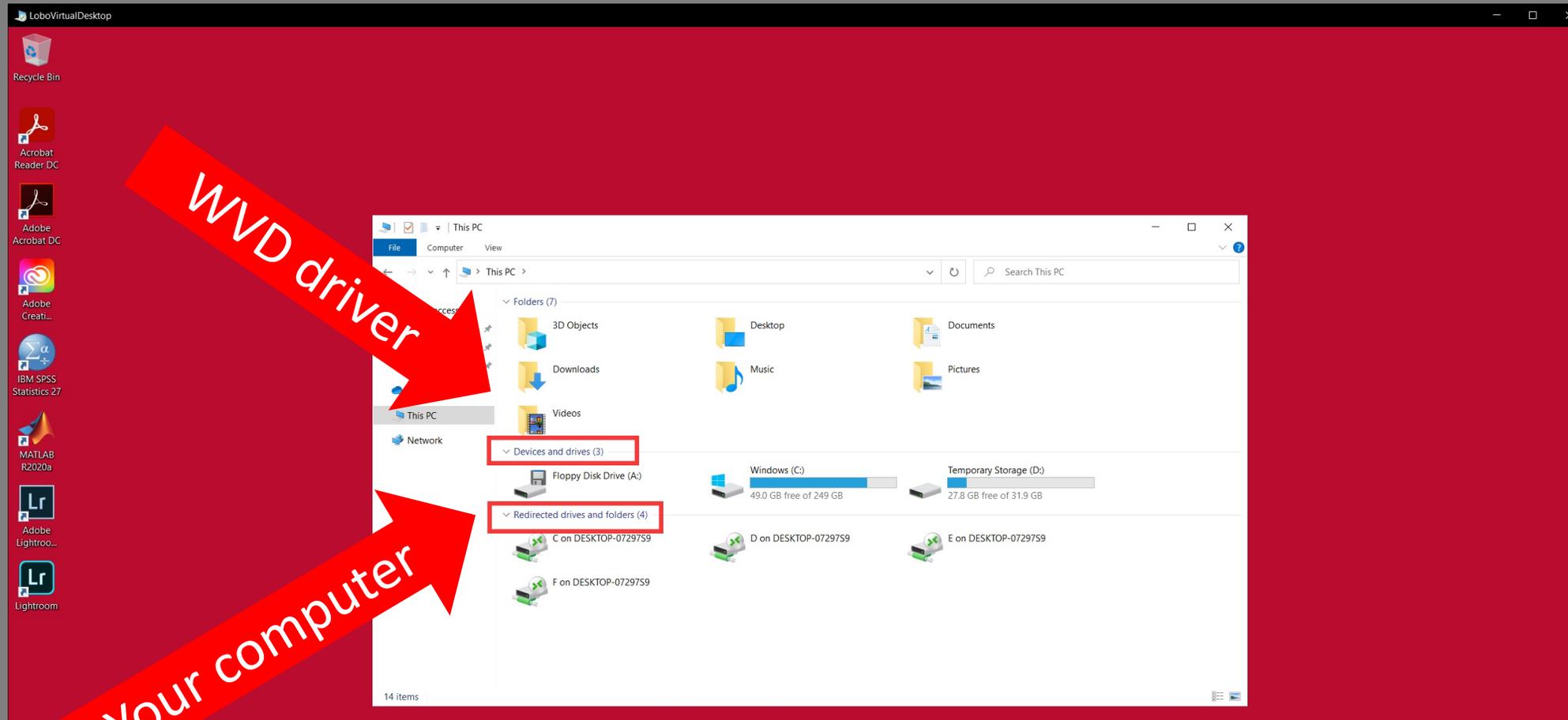
# Data Transfer Option 1: OneDrive

Another way to access OneDrive is to Navigate to “https://onedrive.live.com/about/en-us/signin/” from your VM browser. After signing in, you should be able to see your data files previously saved. You can copy and paste or download data from OneDrive to your VM desktop and start working from VM. You will need to copy/upload your folder back to OneDrive.



# Data Transfer Option 2: USB Drive

Press “Win+E” to open the file explorer. Double click This PC. You’ll see your devices and drives as below.



“Devices and drivers” are your WVD drivers.

“Redirected drives and folders” are your local computers’ drivers (including your USB drivers).

**WARNING: Copy and Paste your data from USB Drive (or OneDrive) to the Windows virtual Drive and work on WVD. SAVE ALL DATA TO YOUR USB DRIVE (or OneDrive) BEFORE LOGGING OFF WVD!!! ALL DATA ON WVD WILL BE DESTROYED AFTER LOGGING OFF!!!**

# **Virtual Desktop Infrastructure (VDI) Connection Tutorial**

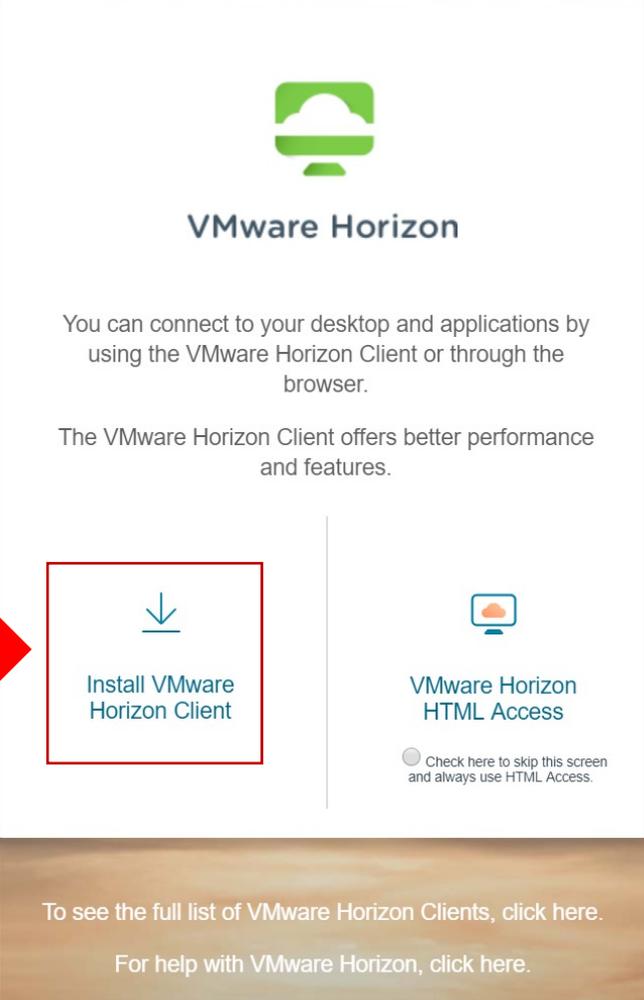
# Virtual Desktop Infrastructure (VDI) Connection tutorial

Desktop Client from your machine! (This is the suggested approach if your device supports; More Features supported under this )

Navigate to [one.unm.edu](http://one.unm.edu)  
from your browser of choice

Click install VMware Horizon Client

Note: if your device doesn't allow you to install the client, please use **VMware Horizon HTML Access** (see instructions after page 8)



  
**VMware Horizon**

You can connect to your desktop and applications by using the VMware Horizon Client or through the browser.

The VMware Horizon Client offers better performance and features.

[↓](#)  
Install VMware Horizon Client

  
VMware Horizon HTML Access

Check here to skip this screen and always use HTML Access.

To see the full list of VMware Horizon Clients, [click here](#).

For help with VMware Horizon, [click here](#).

# Download VMware Horizon Clients

Select Version:

VMware Horizon Clients for Windows, Mac, iOS, Linux, Chrome and Android allow you to connect to your VMware Horizon virtual desktop from your device of choice giving you on-the-go access from any location.

[Click here](#) for a list of certified thin clients, zero clients, and other partner solutions for VMware Horizon.

[Read More](#)

Product Resou

[View My Down](#)

[Product Info](#)

[Documentation](#)

[Horizon Mobile](#)

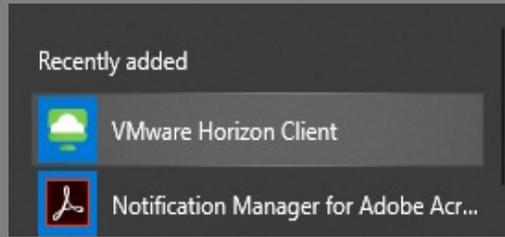
[Horizon Comm](#)

[Product Downloads](#) [Drivers & Tools](#) [Open Source](#) [Custom ISOs](#) [OEM Addons](#)

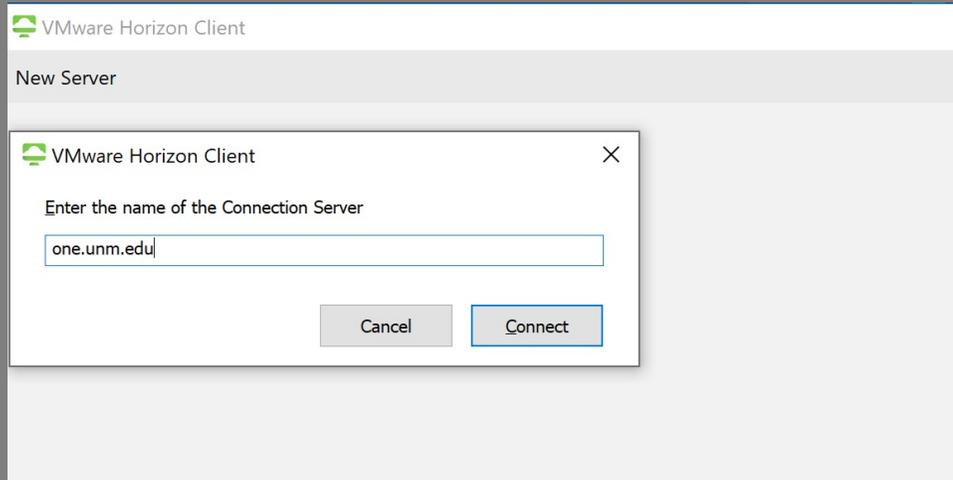
Product	Release Date	
▼ <a href="#">VMware Horizon Client for Windows</a>		
VMware Horizon Client for Windows	2020-06-09	<a href="#">GO TO DOWNLOADS</a>
▼ <a href="#">VMware Horizon Client for Windows 10 UWP</a>		
VMware Horizon Client for Windows 10 UWP from the Microsoft store	2019-09-17	<a href="#">GO TO DOWNLOADS</a>
▼ <a href="#">VMware Horizon Client for Mac</a>		
VMware Horizon Client for macOS	2020-07-09	<a href="#">GO TO DOWNLOADS</a>
▼ <a href="#">VMware Horizon Client for Linux</a>		
VMware Horizon Client for 32-bit Linux	2020-04-09	<a href="#">GO TO DOWNLOADS</a>
VMware Horizon Client for 64-bit Linux	2020-04-09	<a href="#">GO TO DOWNLOADS</a>
VMware Horizon Client for Linux tarball version	2020-04-09	<a href="#">GO TO DOWNLOADS</a>

p/vmware/downloads/info/slug/desktop\_end\_user\_computing/vmware\_horizon\_clients/5\_0

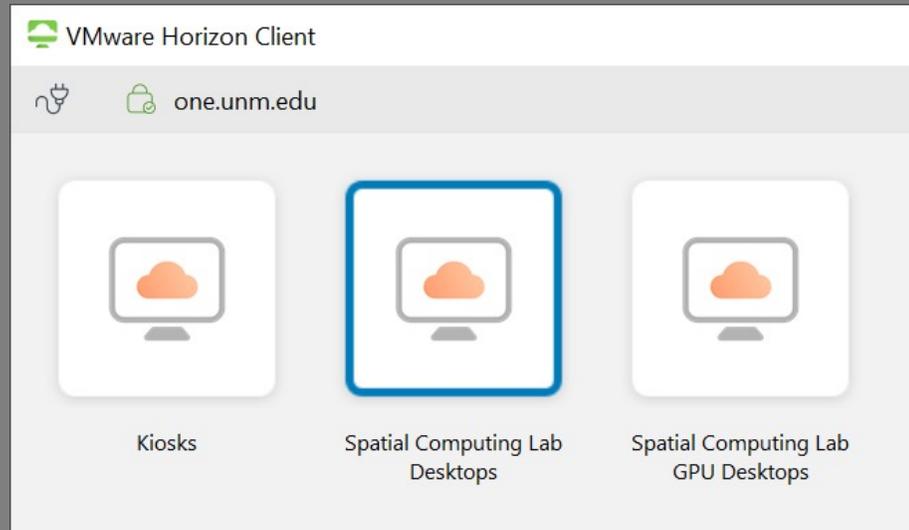
Download the version of choice (e.g. For Windows, for Mac) Install on your computer



In your Start Menu, open the newly installed VMware Horizon Client



Click “New Server”, enter one.unm.edu  
Enter NetID and Password



Click “Spatial Computing Lab Desktop”  
Your **Virtual Machine (VM)** will start

Data transfer options:  
Click Connect to USB device  
Map Network Drive  
Connect to OneDrive

**WARNING: SAVE ALL DATA TO YOUR USB DRIVE OR CLOUD STORAGE BEFORE LOGGING OFF Virtual Machine (VM)!!! ALL DATA ON VM IS DESTROYED!!!**

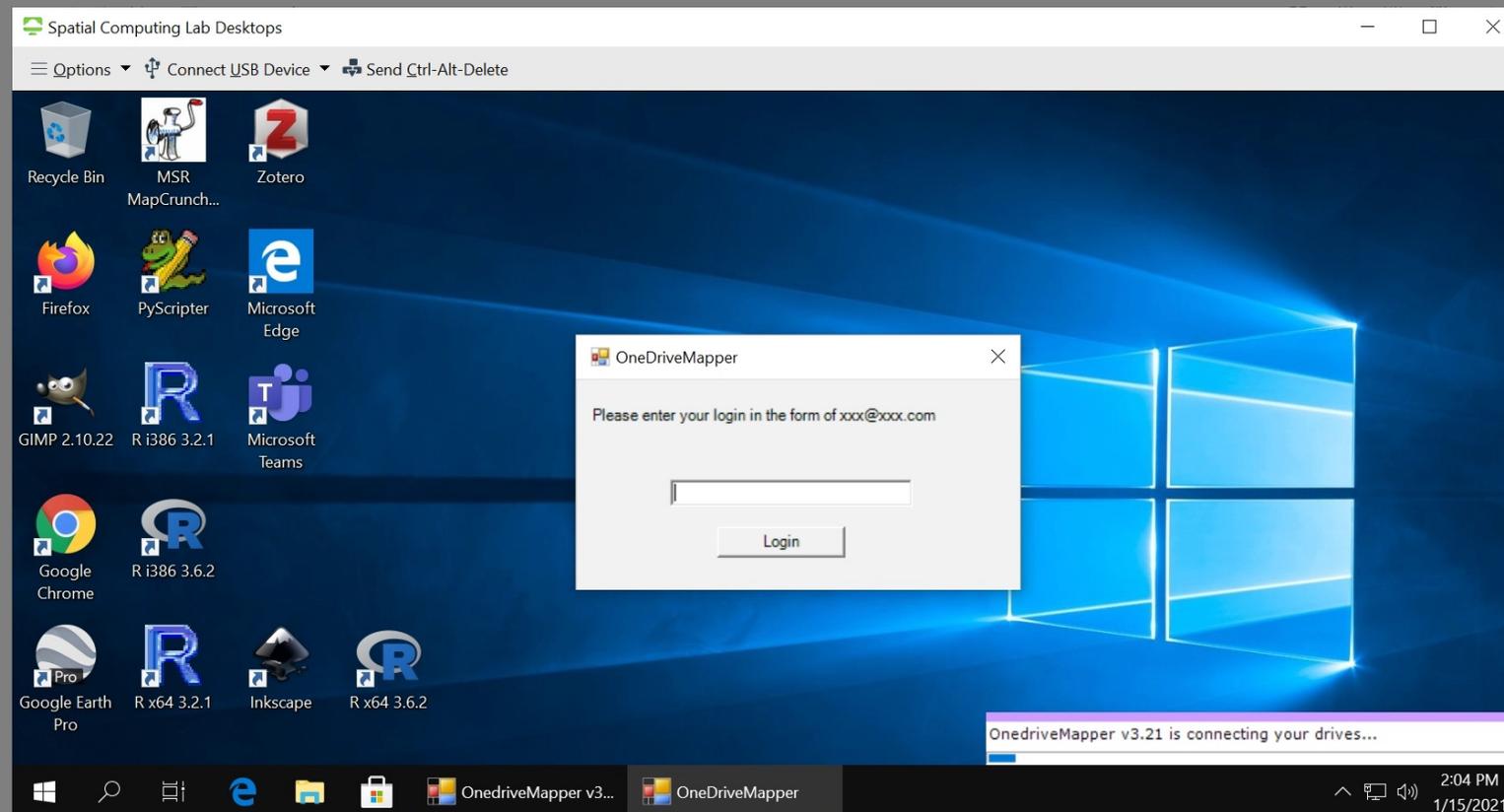
## Data Transfer

With the desktop client, there are a few ways to get your data on the virtual machine.

First, we will discuss OneDrive. There are two ways to access OneDrive from the VM.

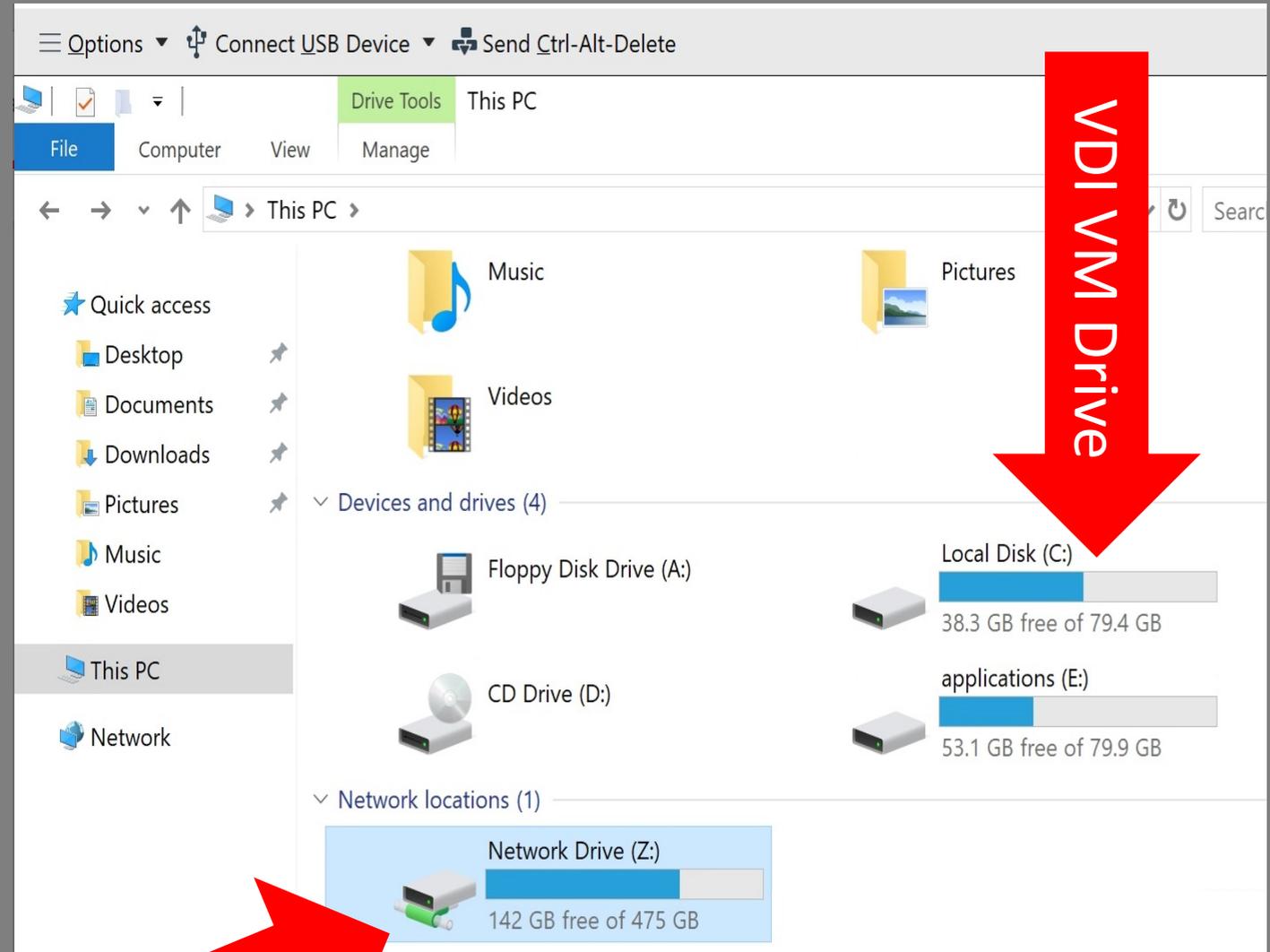
# Data Transfer Option 1: Map as drive

When you log into the VM, a dialog will appear to enter your NetID (unm email xxx@unm.edu) and then your password. After entering your credentials, OneDrive will appear in “this PC”



Back up data often (save to OneDrive) while working

**IMPORTANT: DATA WILL NOT SAVE TO THE VM AFTER LOGOUT!! Save ONLY to OneDrive under this option!!! DO NOT work directly from OneDrive. Working from OneDrive directly might be slow. Download data from OneDrive to the VDI VM Drive, and Copy/Paste the data BACK to OneDrive BEFORE LOGGING OFF!!!**



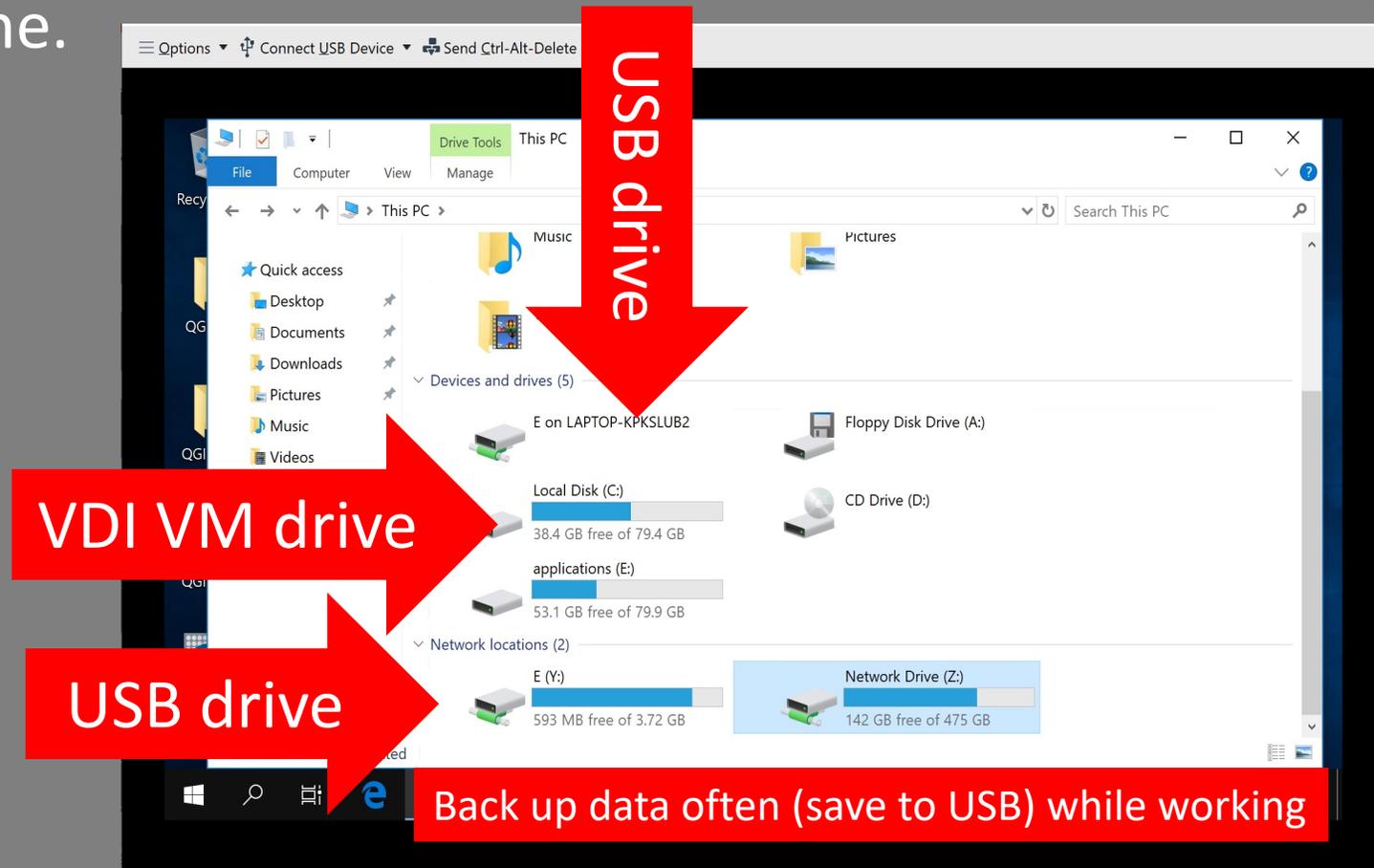
VDI VM Drive

OneDrive

# Data Transfer Option 2: USB Drive

When using the horizon desktop client, Your USB drives will appear in “this PC”. Simply copy paste data from USB drive (E on Laptop in this case and E under network location) to the VDI VM Drive (Local Disk C) to work, and Copy paste back to your USB drive when done.

**WARNING: Copy and Paste your data from USB Drive to the VDI VM Drive and work on VM Drive. SAVE ALL DATA TO YOUR USB DRIVE BEFORE LOGGING OFF VM!!! ALL DATA ON VM WILL BE DESTROYED AFTER LOGGING OFF!!!**



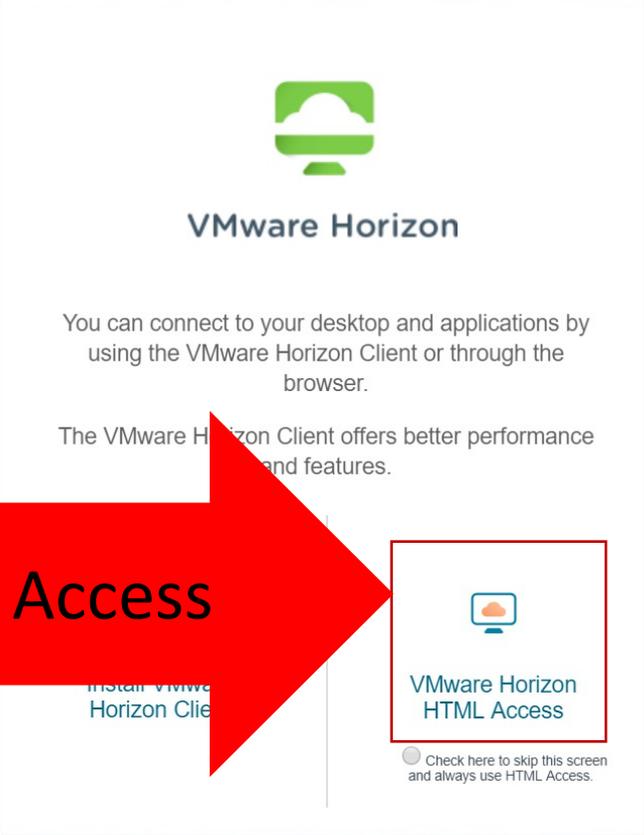
# Virtual Desktop Infrastructure (VDI) Connection tutorial

## VMware Horizon HTML Access Option

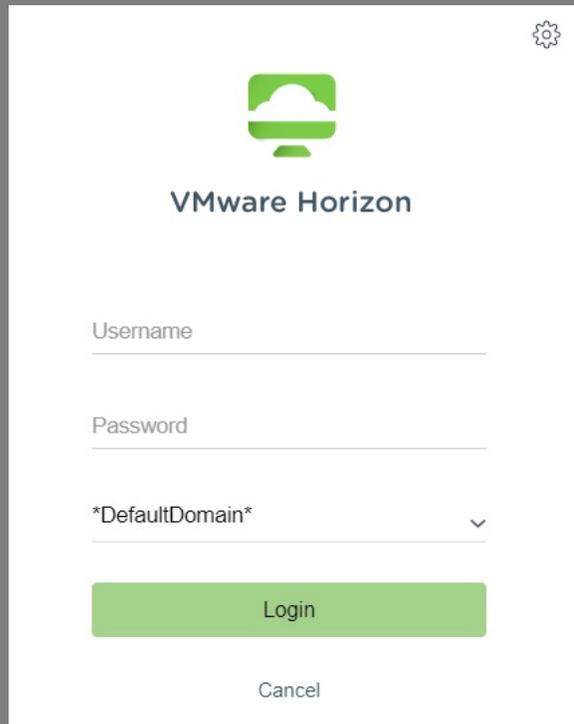
**Use this only when your device could not install the VM client**

Navigate to [one.unm.edu](https://one.unm.edu)  
from Google Chrome  
(suggested browser)

**Click VMware Horizon HTML Access**

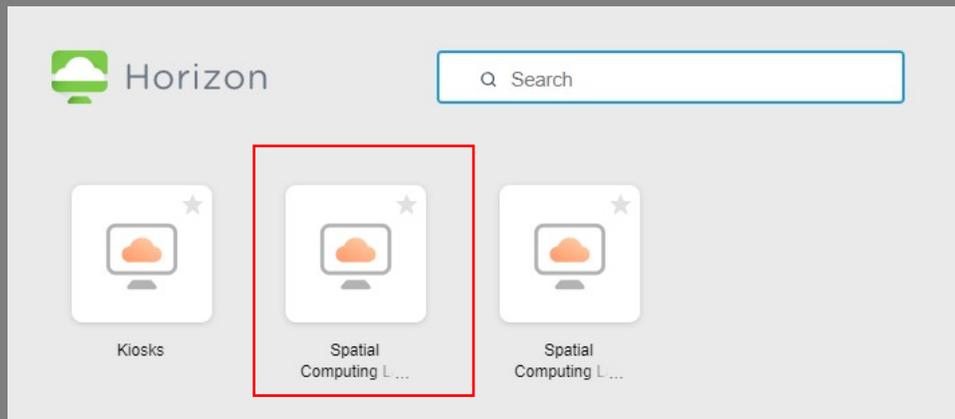


The screenshot shows the VMware Horizon connection interface. At the top is the VMware Horizon logo. Below it, text explains that users can connect via the VMware Horizon Client or through a browser. It notes that the client offers better performance. Two options are presented: 'Install VMware Horizon Client' and 'VMware Horizon HTML Access'. The 'HTML Access' option is highlighted with a red box, and a large red arrow points to it from the left. Below the options is a radio button labeled 'Check here to skip this screen and always use HTML Access.' At the bottom, there are two links: 'To see the full list of VMware Horizon Clients, click here.' and 'For help with VMware Horizon, click here.'



The image shows the VMware Horizon login interface. At the top center is the VMware Horizon logo, which consists of a green cloud icon above the text "VMware Horizon". Below the logo are three input fields: "Username", "Password", and "\*DefaultDomain\*" with a dropdown arrow. A green "Login" button is positioned below the input fields, and a "Cancel" link is located at the bottom center. A gear icon for settings is in the top right corner.

Enter NetID and Password to Log in



Click “Spatial Computing Lab Desktop”  
Your **Virtual Machine (VM)** will start

# Data Transfer: OneDrive

The OneDriveMapper doesn't work as the Desktop Client. You would have to manually access your OneDrive and copy your data over to VM

Navigate to <https://onedrive.live.com/about/en-us/signin/> from your VM browser

After signing in, you should be able to see your data files previously saved. You can copy and paste your data from OneDrive to your VM desktop and start working from VM. Please make sure you access OneDrive from VM.

