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# **Getting Connected - VDI**

Jen Sommerfeldt - 2024-04-05 - VDI

# Virtual Desktop Infrastructure (VDI)

## Information about VDI at the School of Nursing

Virtual Desktop Infrastructure (VDI) is defined as the hosting of desktop environments on a central server. Desktops are run on virtual machines (VMs) and are delivered to users over the network to a Thin Client, Horizon desktop application or in a browser window. Additionally, VDI can be used to provide applications, hosted on a virtual server, to users from any location. Below you will find information and instructions about this service.

#### What is the difference between Remote Desktop and VDI?

**Remote Desktop** is a program or an operating system feature that allows a user to connect to a computer in another location; such as connecting to your desktop located within the School of Nursing from a laptop or home computer. Remote Desktop uses your computer's assigned IP address or computer name to connect, after authenticating with your PennKey username and password. Remote Desktop icons:

### Windows



Mac



**VDI** is service provided by ITS to access a virtual machine (VM) hosted by one of our cloud vendors. VMs will have all the same access to file shares, email and applications that you have with a physical desktop. But can be accessed from a Thin Client, Horizon application, or web browser. Instructions for using VDI continue below.

# Configuration Instructions for the School of Nursing VDI service

What applications are included in the VDI service?

Adobe Acrobat DC	SPSS
Amos	Stata IC
Atlas.ti	Stat Transfer
Mplus Editor	Microsoft Access
NVivo	Microsoft Excel
R - 32/64 Bit & R Studio	Microsoft PowerPoint
SAS	Microsoft Word

#### Using VDI for application access from your School of Nursing Desktop

The VMware Horizon client is installed on all School of Nursing desktops. Open the Horizon client by double clicking the icon on the desktop. The Horizon Client will automatically log you into the application. Once there you will see all the applications available for use.



Using VDI for a Windows 10 desktop or application access from anywhere using a web browser

- 1. Open your browser and enter the following in the address bar: <u>https://virtual.nursing.upenn.edu</u>
- 2. You will then see two options, Install VMware Horizon Client or VMware Horizon HTML Access



1. Select **VMware Horizon HTML Access** and this will take you to the log in page. You will then be prompted to log in using your PennKey credentials. The format is:

#### User name: pennkey

Password: your PennKey password

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VMware	Horizon∗
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Password	m
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Can	icel

Using VDI for a Windows 10 desktop or application access from anywhere

by installing the Horizon Client on your Windows device

\*\*\*Note: The installation of the Horizon Client requires a reboot. Please save your work.\*\*\*

1. Open your browser and enter the following in the address bar: <u>https://virtual.nursing.upenn.edu</u>

- 2. You will then see two options, Install VMware Horizon Client or VMware Horizon HTML Access
- 3. Click the link that says Install VMware Horizon Client



1. You will be directed to the VMware site. Select Go to Downloads next to

## VMware Horizon Client for Windows, then click Download

		Product	Release Date	
Windows OS	~	VMware Horizon Client for Windows		
		VMware Horizon Client for Windows	2019-12-12	Go to Downloads

Down	load VMw	are Hori	zon Client for	View My Download History	
Windo				Product Info	
vviriac	0005			Documentation	
Version	530			Horizon Mobile Client Privacy	
Description	VMware Horizon Client fo	r Windows for x86-base	d & 64-bit devices	Horizon Community	
Documentation	Release Notes				
Release Date	2019-12-12				
Туре	Product Binaries				
Product Down	nloads Drivers & Too	Is Open Source	Custom ISOs		0
Product/Detail	Is				
VMware Horiz File size: 218.61 File type: exe fi Read More	on Client for Windows 1 MB ile		-	Download	

1. Once the installer has downloaded to your computer, double click to run it. The VMware Horizon Client Setup window opens. Click **"Agree & Install".** 

		- >
	VMware Horizon*	
	Version 5.3.0	
You mus	t agree to the Privacy Agreement and License Terms before you can	install the product
You mus	t agree to the Privacy Agreement and License Terms before you can	install the product
You mus	t agree to the Privacy Agreement and License Terms before you can Agree & Install	install the product
You mus	t agree to the Privacy Agreement and License Terms before you can Agree & Install	install the product

1. The Installing VMware Horizon Client window will open and install the client. Click "**Finish**" when the installation is complete.





1. A window will pop up and ask you to restart the computer. Save and close all work, then select "**Restart** Now" to restart and complete the Horizon Client installation.

C	1
fou must restart your system for the configuration changes made to VMware Horizon Client to take effect.	
Restart Now	
Restart Later	

1. When the computer comes back up, you will see the Horizon Client shortcut on the desktop. Double Click the Horizon Client shortcut and the Horizon Client will open up. Click on the "**New Server**" button in the top left corner to add the connection server.





1. A box pops up to "Enter the name of the Connection Server".

Type: https://nursing.desktop.upenn.edu then click "Connect"

SVMware Horizon Client	×
Enter the name of the Connection Server	
https://nursing.desktop.upenn.edu	

1. The login box pops up next for you to log into the Horizon Client. The format is:

#### User name: pennkey

#### Password: your PennKey password

1. After you log in, a screen will pop up and ask if you would like to allow access to local files. This is your C:\ drive (Local Hard Drive).

Check the "Do not show this dialog again" box (bottom left) then click the "Allow" button.

Do you want to share your removable storage and local files when using remo
esktops and applications?
Permit access to your removable storage and local files 🤱 📰 📰
For more choices, go to Settings > Sharing

1. You will then see a Windows 10 desktop available Nursing Windows Desktop.

Double click on any application to open. Network drives and files can be accessed both from inside any application or by opening the **Nursing Windows Desktop.** 

#### Using VDI for a Windows 10 desktop or application access from anywhere

#### by installing the Horizon Client on your Mac OS device

- 1. Open your browser and enter the following in the address bar: https://virtual.nursing.upenn.edu
- 2. You will then see two options, Install VMware Horizon Client or VMware Horizon HTML Access
- 3. Click the link that says Install VMware Horizon Client



1. You will be directed to the VMware site. Select Go to Downloads next to **VMware Horizon Client for macOS**, then click **Download** 

	Product	Release Date	
~	VMware Horizon Client for Windows		
	VMware Horizon Client for Windows	2016-12-08	Go to Downloads
~	VMware Horizon Client for Windows 10 UWP		
	VMware Horizon Client for Windows 10 UWP	2016-12-08	Go to Downloads
	VMware Horizon Client for Windows 10 UWP for x86-based devices	2016-12-08	Go to Downloads
~	VMware Horizon Client for Mac		
	VMware Horizon Client for Mac	2016-12-08	Go to Downloads
~	VMware Horizon Client for Linux		
	VMware Horizon Client for 64-bit Linux	2016-12-08	Go to Downloads
	VMware Horizon Client for 32-bit Linux	2016-12-08	Go to Downloads
~	VMware Horizon Client for IOS		
	VMware Horizon Client for IOS	2016-12-08	Go to Downloads
~	VMware Horizon Client for Android		
	The VMware Horizon client for Android ARM based devices	2016-12-08	Go to Downloads
	The VMware Horizon client for Android x86 based devices	2016-12-08	Go to Downloads
	VMware Horizon Client for Kindle Fire in Amazon Appstore for Android	2016-12-08	Go to Downloads
	VMware Horizon Client for Android in the Google Play Store	2016-12-08	Go to Downloads

1. Once the installer has downloaded to your computer, go to your downloads and double the file to begin the install. The user license agreement will open, click "**Agree**".

	VMware-Horizon-Client-3.4.1-2842976.dmg
	English
IMPORTANT - Read this License Agreement carefully before clicking on the "Agree" button. By clicking on the "Agree" button, you agree to be bound by the terms of the License Agreement.	WHARKE END USER LICENSE AGREEMENT   FLASE NOTE THAT THE TERMS OF THIS END USER LICENSE AGREEMENT SHALL GOVERN through use of the software, recompletes of any terms that may appear during the stallarton of the software. If you do not acree to the terms of the software bound use of the software. If you do not acree to the terms of this bound of the induction of the software. If you do not acree to the terms of this bound with not pointware. If you are knowing the Software, and you must believe of the software.   MULTION LICENSE. If you are knowing the Software for walkation purposes, you use of the software. Induction the software is non-poducing the software for walkation purposes, you do not acree to the software is provided 'ASI-bit software.   MULTION LICENSE. If you are knowing the Software for walkation purposes, you use of the software. Induction to the software is provided 'ASI-bit software is provided in this ELLA in Evaluation License of the Software is provided 'ASI-bit software.   1 Affiliate means, with respect to a park, an entity that is directly on indirectly controlled by on the software is provided in the software is no unamely, using or similar interest respective (EGV) or move of the table interests the outlanding of the netware.   1 To commentation subt that do commentation that is denoted to the to indirectly on the software is interest respective or entity meets here requirements).   2 To commentation subt to be and the meets the moutlanding of the netware.   Print Save Disagree Agree

1. When the VMWare Horizon Client window appears, drag the "**VMWare Horizon Client icon**" to the Applications folder.

<b>vm</b> ware Hor	rizon <sup>®</sup> Client
VMware Horizon Client	Applications
To install VMware Horizon Client, drag Pour l'installation de VMware Horizon Client, fai Zum Installieren ziehen Sie das VMware Horizon Mware Horizon Client をインストールするには、このア 労了安装 VMware Horizon Client, 14期 VMware Horizon Client를 설치하려면 아이콘을 為了安裝 VMware Horizon Client, 指 Para instalar VMware Horizon Client, 非容	g the icon to the Applications folder. aites glisser l'icòne vers le dossier Applications. n Client-Symbol in den Ordner "Programme". アイコンをアプリケーションフォルダに移動します。 移国様到"应用程序"文件夹。 音 응용 프로그램 플더에 끌어 넣으십시오. ⑤移圖標到"應用程序"文件夾。 stre el icono hasta la carpeta Aplicaciones.

- $1. \ \mbox{Within the applications folder, locate the installer and double click to open it. }$
- 2. The first time you launch the VMWare Horizon Client, you may see a security popup asking if you want to open the file. Click the "**Open**" button.

Ó	"VMware Horizon Client" is an application downloaded from the Internet. Are you sure you want to open it?
	Safari downloaded this file today at 8:23 AM from download3.vmware.com.
?	Cancel Show Web Page Open

 When you open up VMware Horizon Client click "New Server" or "+" and the connection server box pops up. Type in the connection server name "https://nursing.desktop.upenn.edu". Make sure "Always connect at launch" box is checked. Then click "connect".



 $1. \ \ {\rm The \ login \ box \ pops \ up \ next \ for \ you \ to \ log \ into \ the \ Horizon \ Client. \ The \ format \ is:$ 

## User name: **pennkey**

# Password: your PennKey password

1. After you log in, a screen will pop up and ask if you would like to allow access to local files.

This is your C:\ drive (Local Hard Drive). Check the "**Do not show this dialog again**" box (bottom left) then click the "**Allow**" button.

Cancel

X

Connect



1. You will then see a Windows 10 desktop available Nursing Windows Desktop. Double

click on any application to open. Network drives and files can be accessed both from inside any application or by opening the Nursing Windows Desktop.

### Using VDI on iOS (iPhone, iPad) devices

- Search for the free VMware Horizon Client in the App Store
- Install the app
- Enter the hostname: nursing.desktop.upenn.edu and click Connect
  - User name: **pennkey**
  - Password: your PennKey password

## Using VDI on Android devices

- Search for the free VMware Horizon Client in the Google Play store
- Install the app
- Launch the app and enter the server name: nursing.desktop.upenn.edu
- Click Connect
  - User name: **pennkey**
  - Password: your PennKey password

# Contacts

🛛 8:30 am - 5:00 pm

🛛 (215) 898-5981

<u>Email us</u>

418 Curie Blvd, Suite #202

<u>Open a Ticket</u>