

ForSec Lab & RADISH

These Slides

1. ForSec Drive
2. Accessing Student VMs on RADISH from a remote location (e.g., home)
3. RADISH Rules & Student Project Access

ForSec Share

T: Drive From Windows

ForSec Share (M: Drive)

This drive is for ITMS 448 only

No other classes can access this drive

On the M: Drive there should be a student folder for each ITMS **448** student that is identified by your login name

Only the owner and instructors can access this folder

Verify that you can access this drive and your student folder from Win8.1

Accessing Student VMs on RADISH from a Remote Location

From your personal notebook computer that you brought to class or from your home or...

Remote Network Connectivity

You must have good Internet connectivity from wherever you try to access RADISH

We have Comcast as our ISP, and it works very well

Connectivity from within IIT works even better

Poor Internet connectivity will make it difficult for you to work on your assignments from home

Ports That Must Be Open

VMware View uses https on port 443 to set up the connection

RDP uses port 3389

PCoIP uses port 4172 in our configuration

If anything is blocking these ports, you will not be able to access RADISH or your VMs

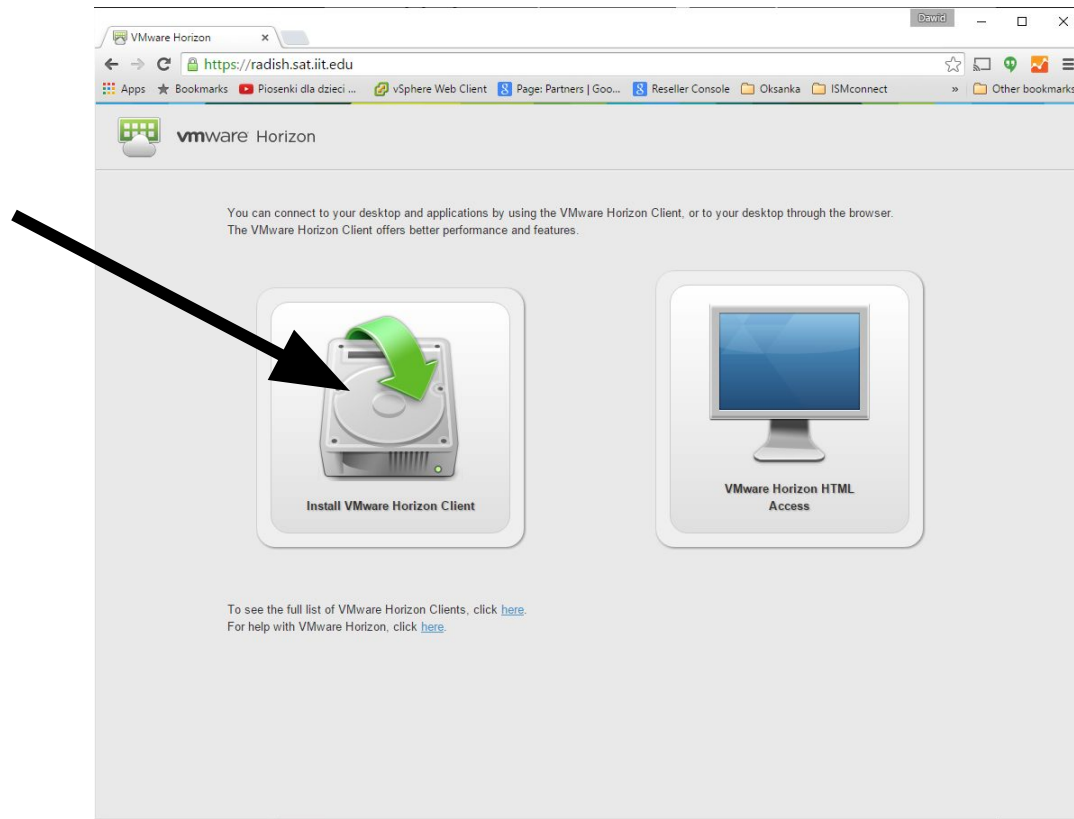
Usually these ports are open or TCP ports will be opened for TCP connections initiated by you

VMware View Client Installation

Navigate to: ***<https://radish.sat.iit.edu>***

VMware View Client Installation

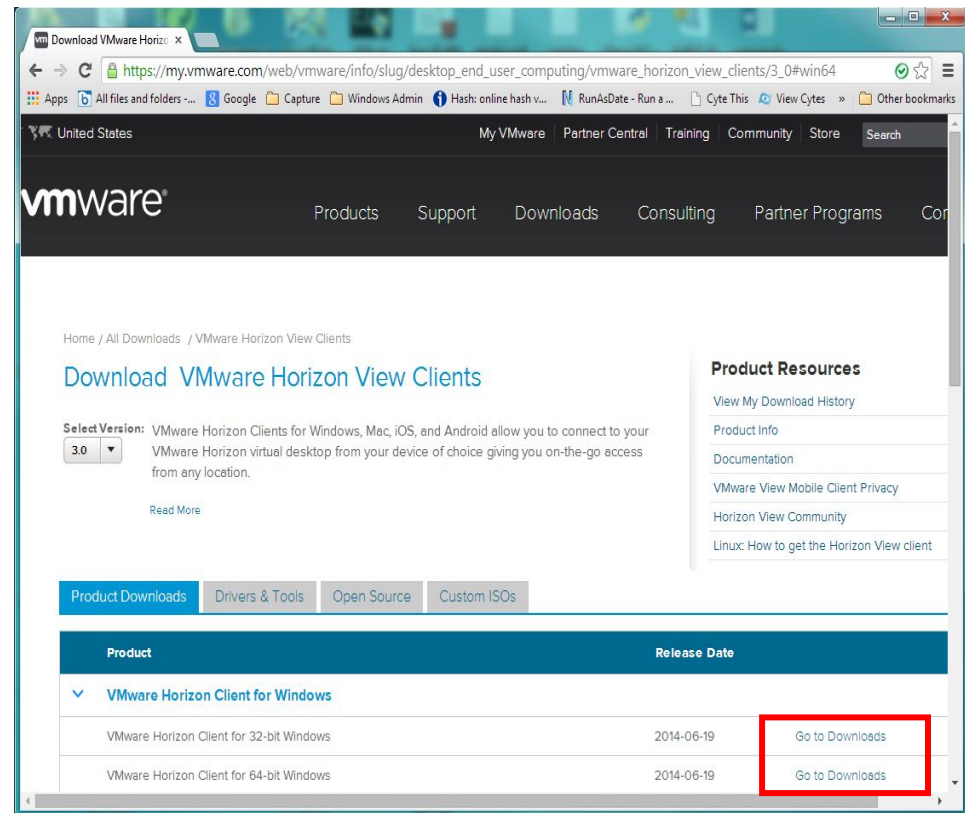
Choose the Horizon View Client list



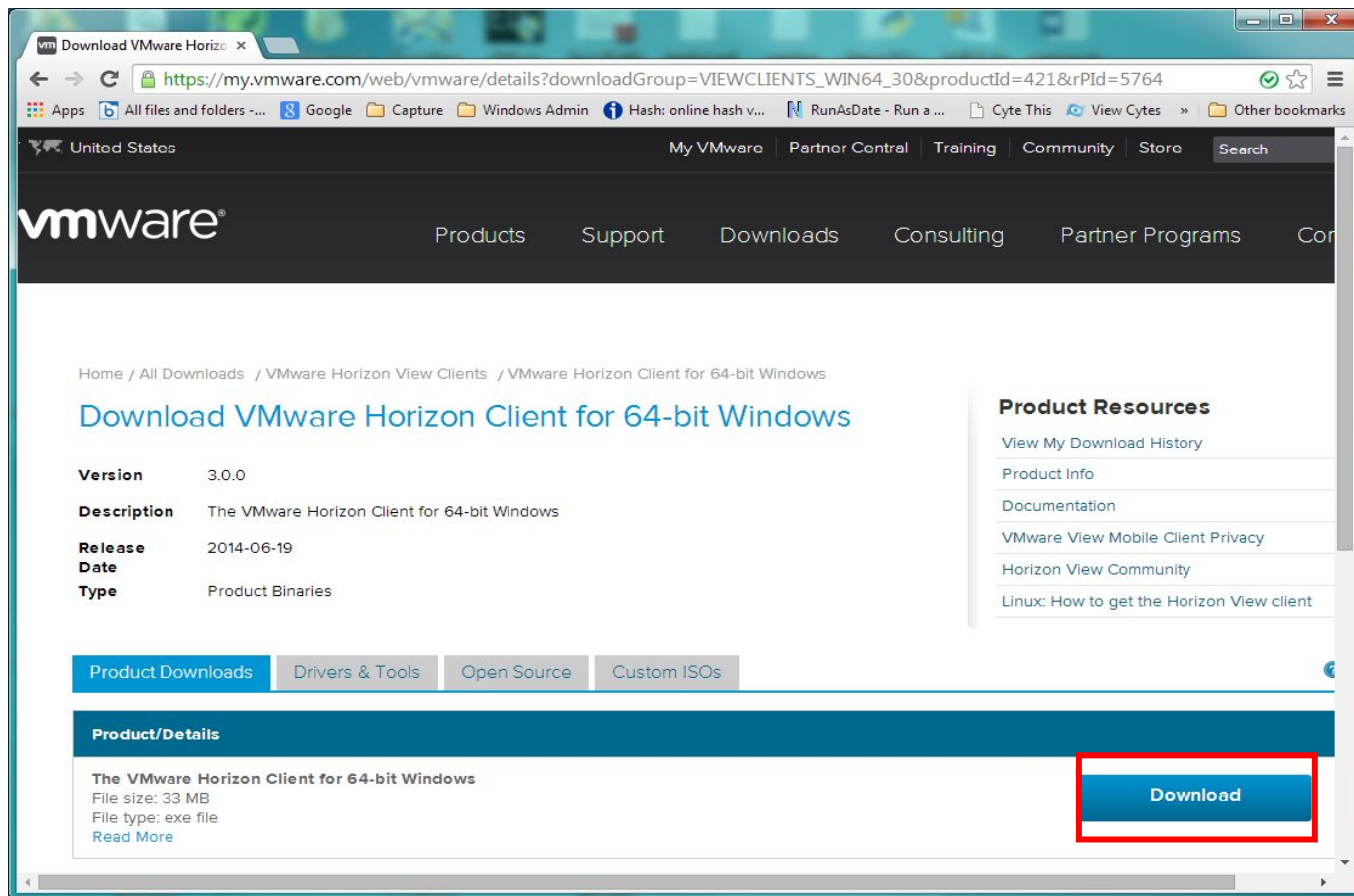
VMware View Client Installation

Select 32 bit or 64 bit
based on your
computer's operating
system.

You may also select Mac
option if applicable.

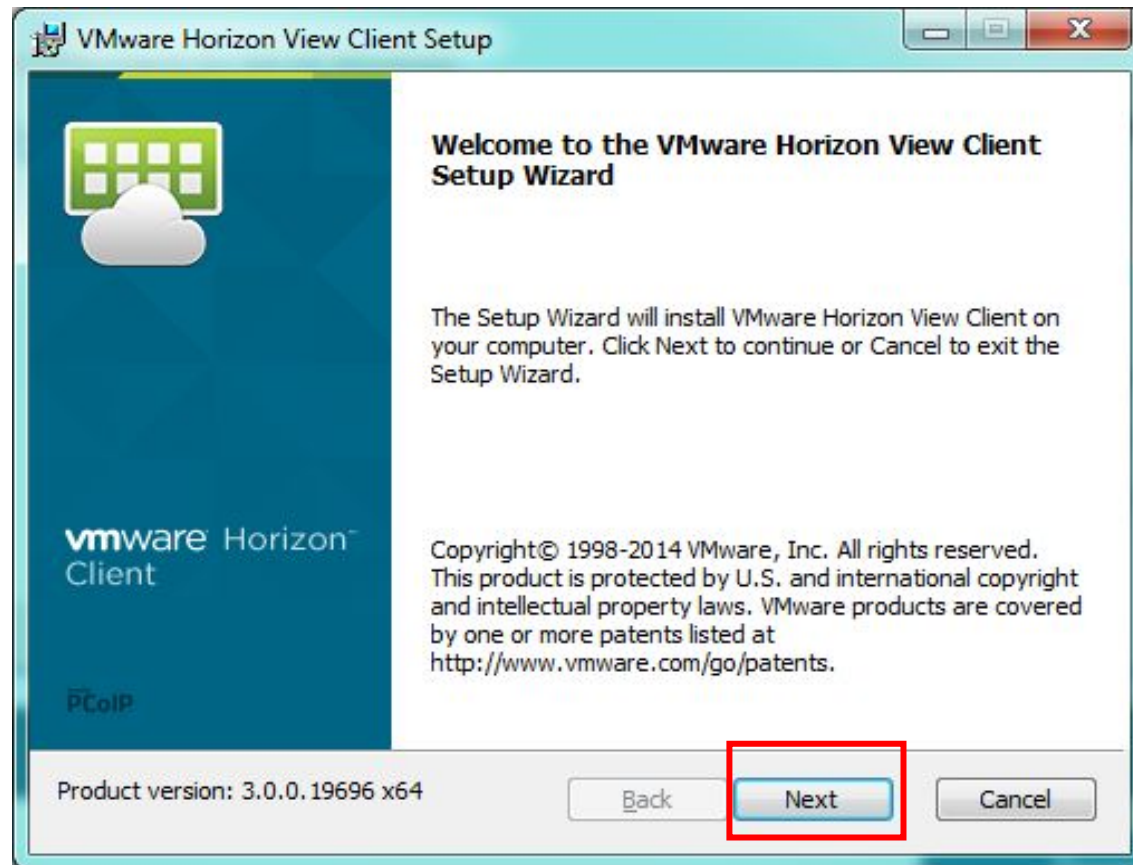


VMware View Client Installation

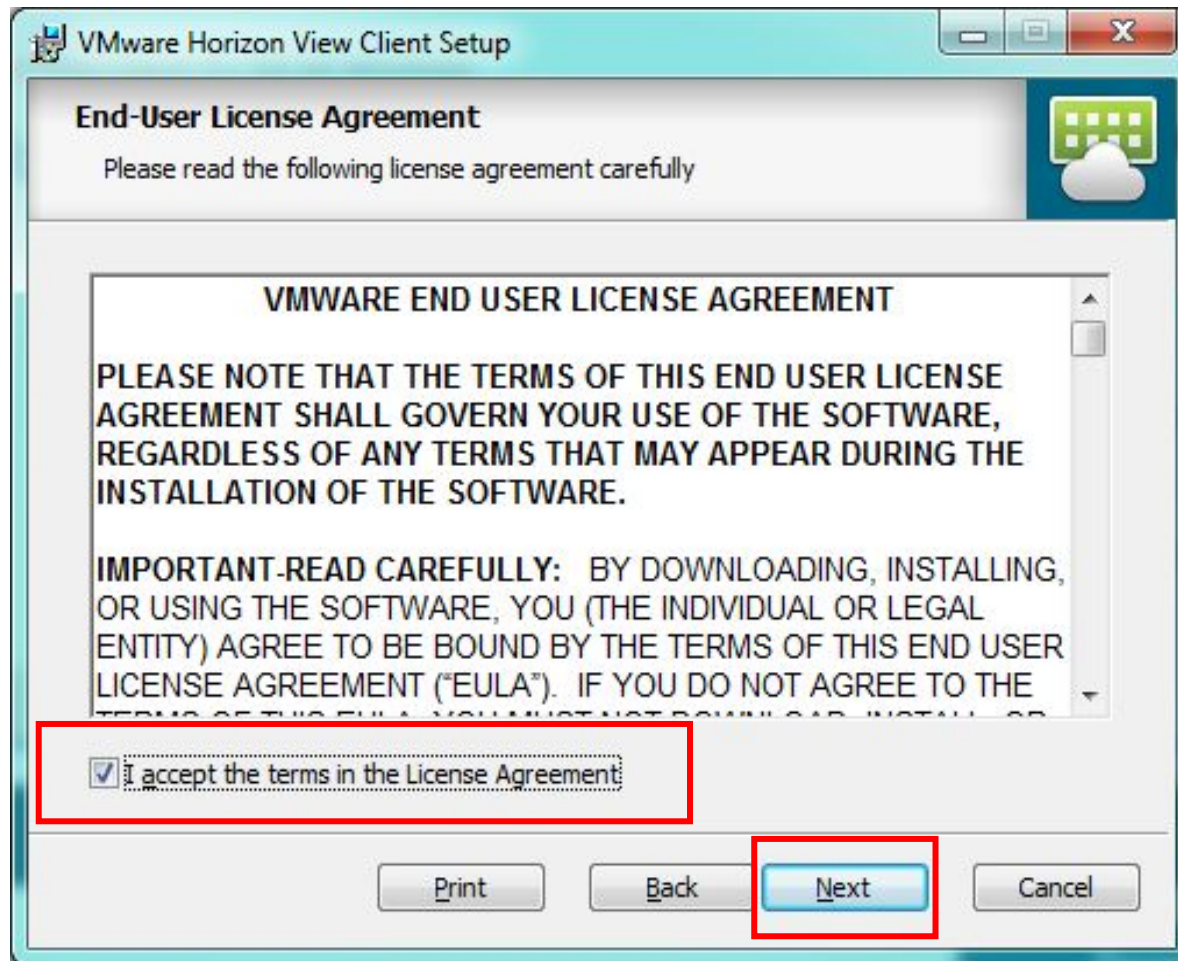


VMware View Client Installation

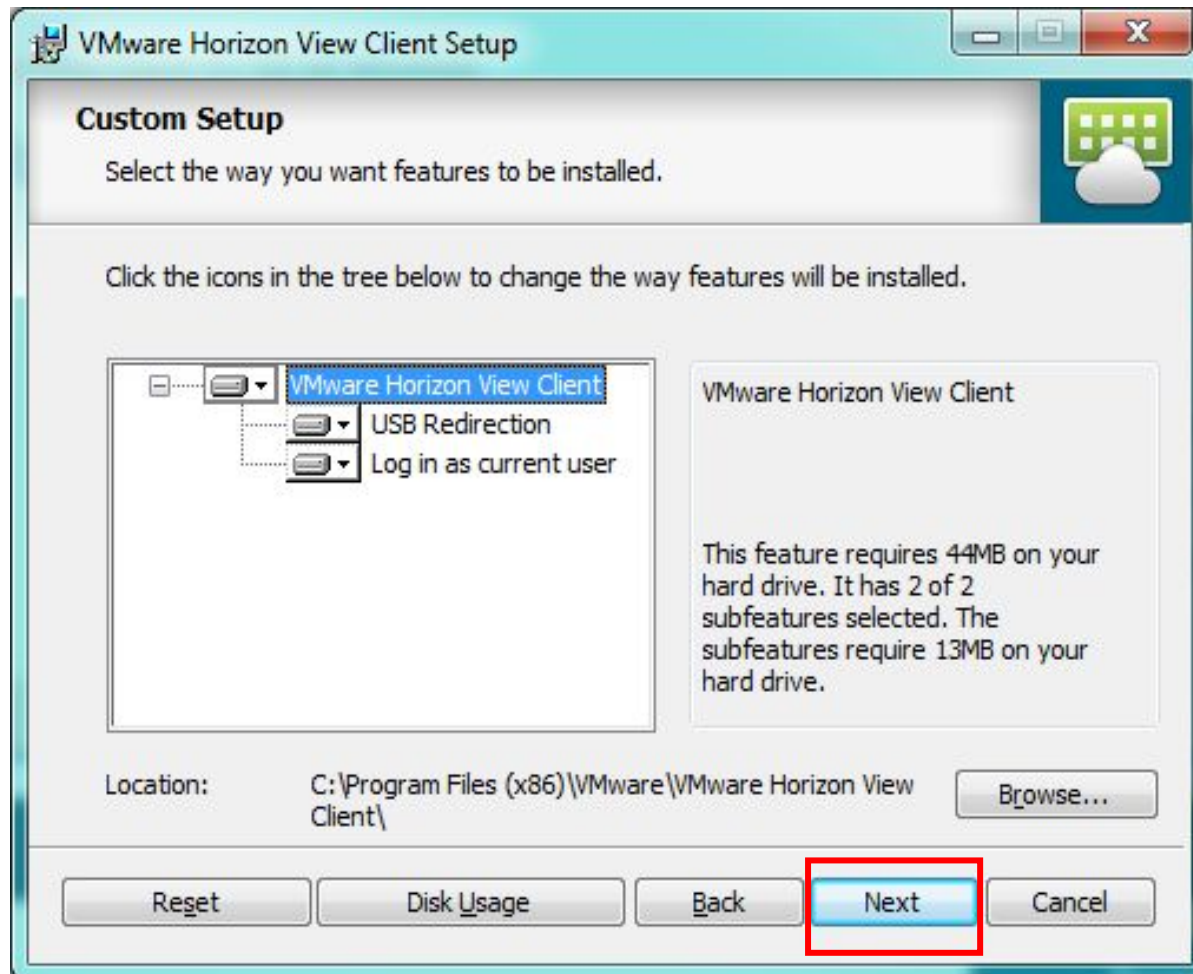
Run Installer Executable that was downloaded



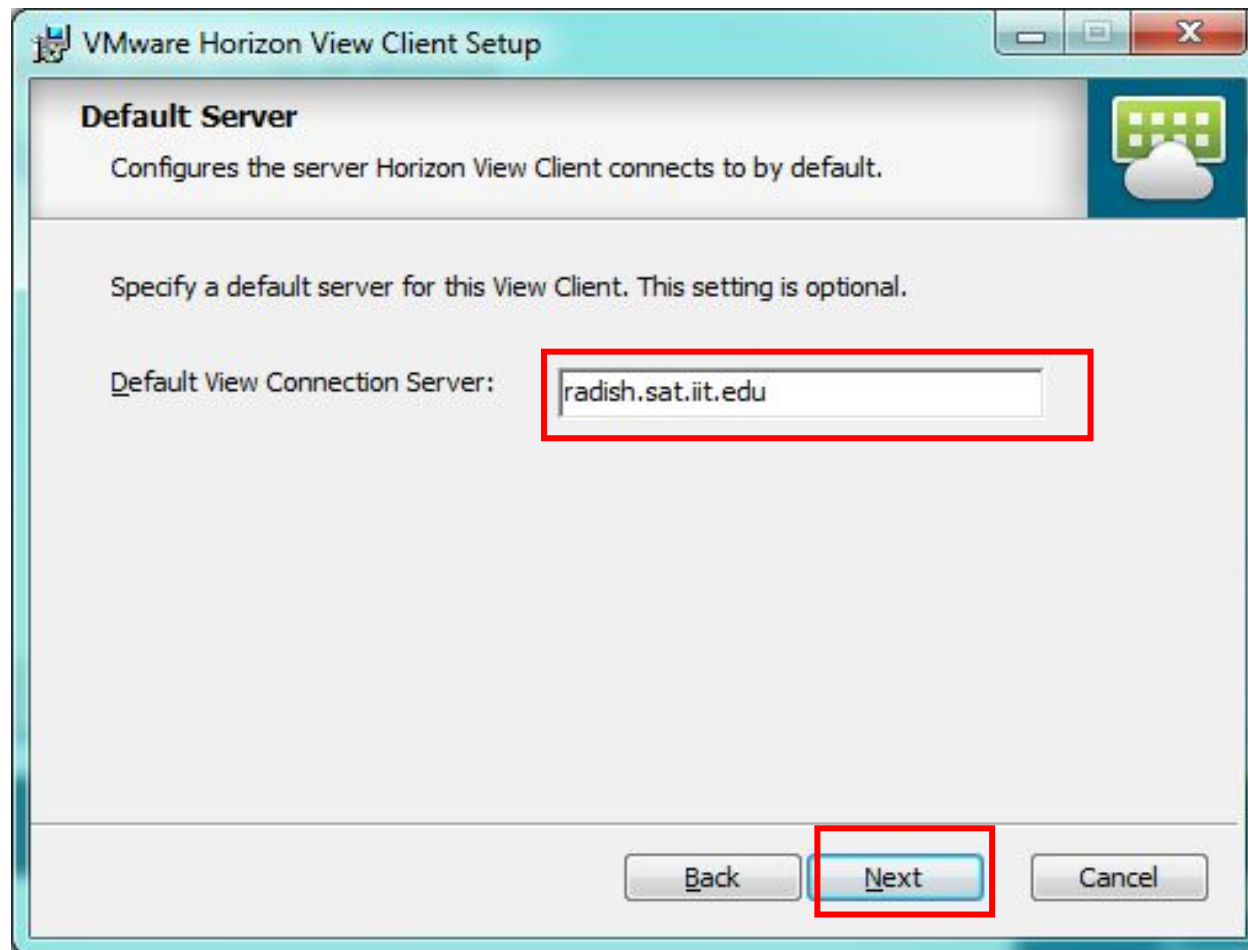
VMware View Client Installation



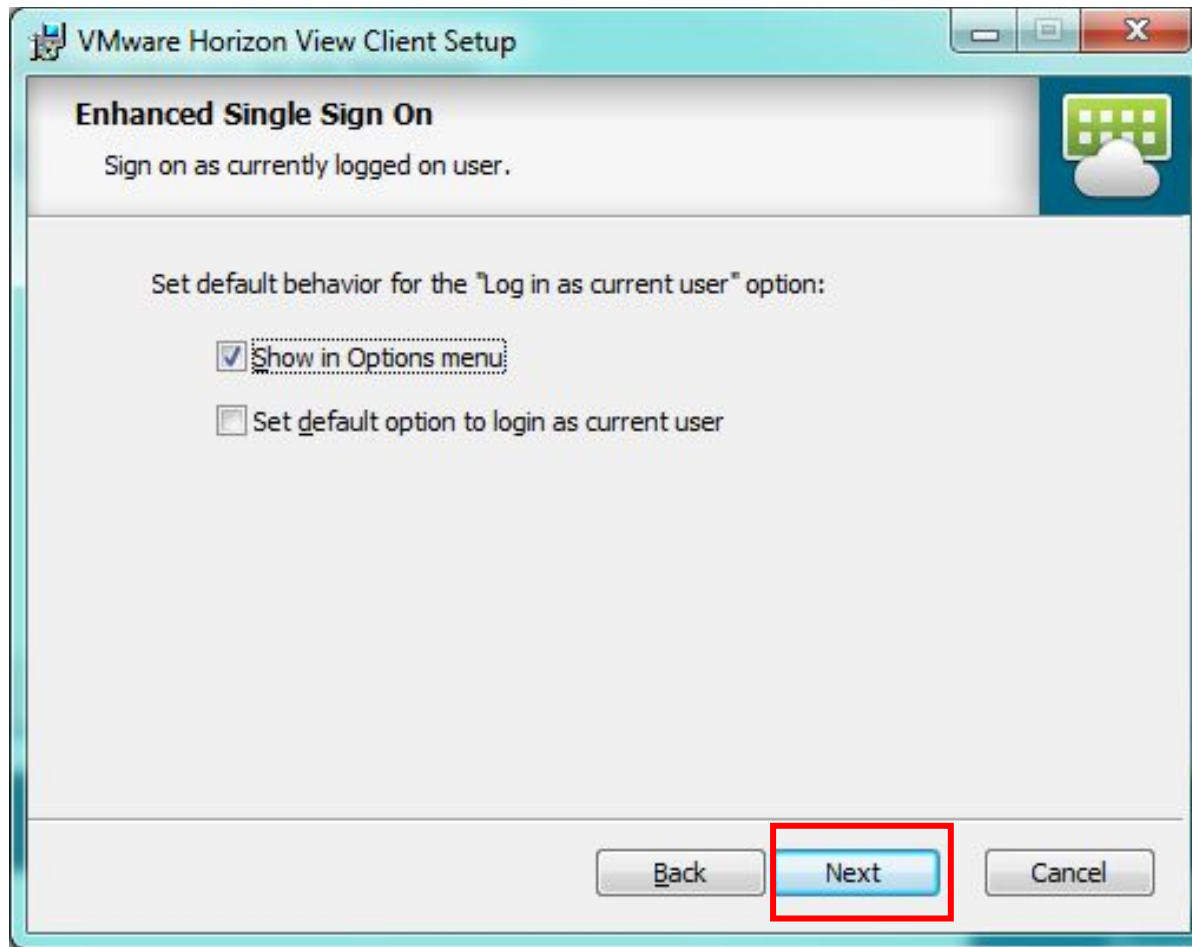
VMware View Client Installation



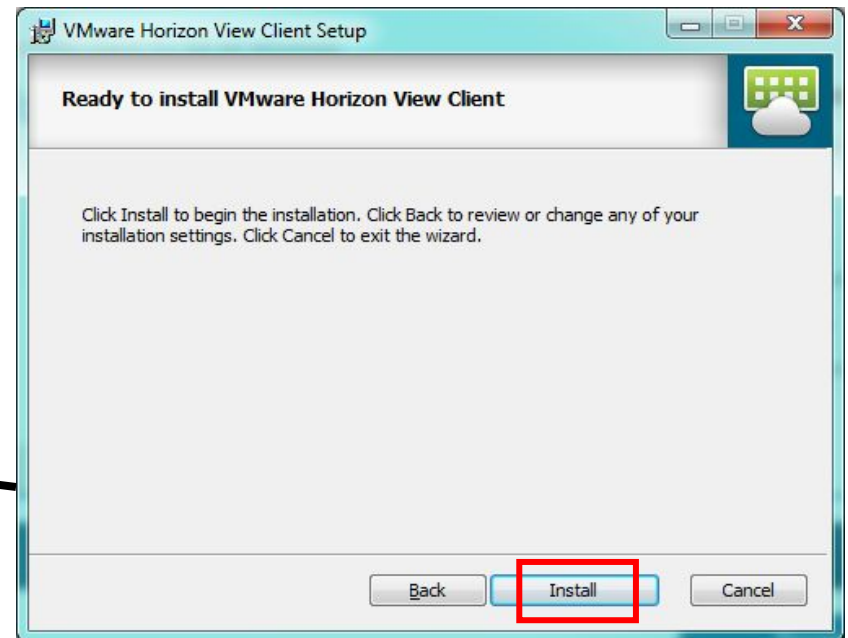
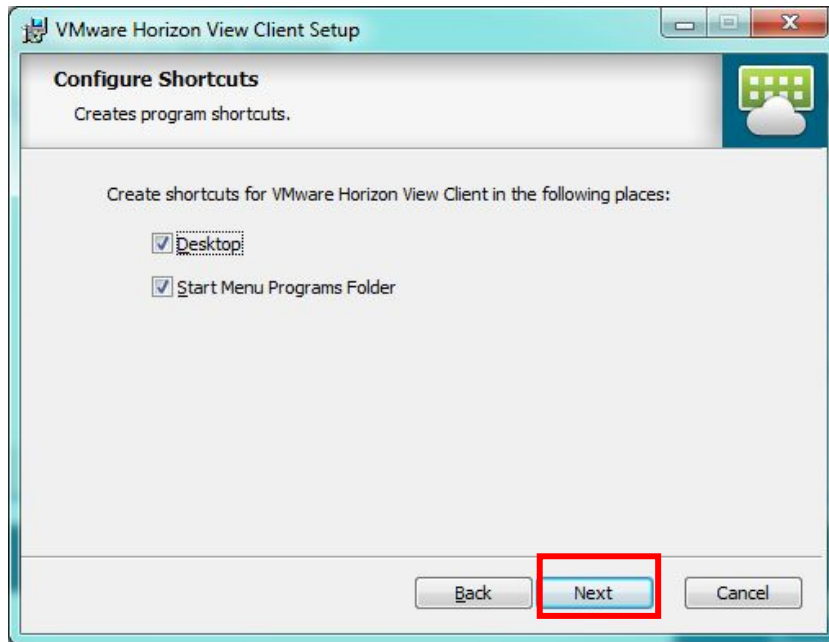
VMware View Client Installation



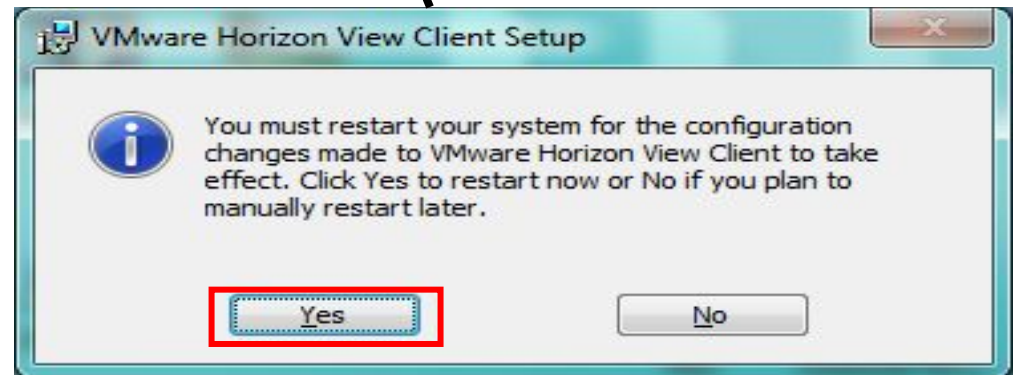
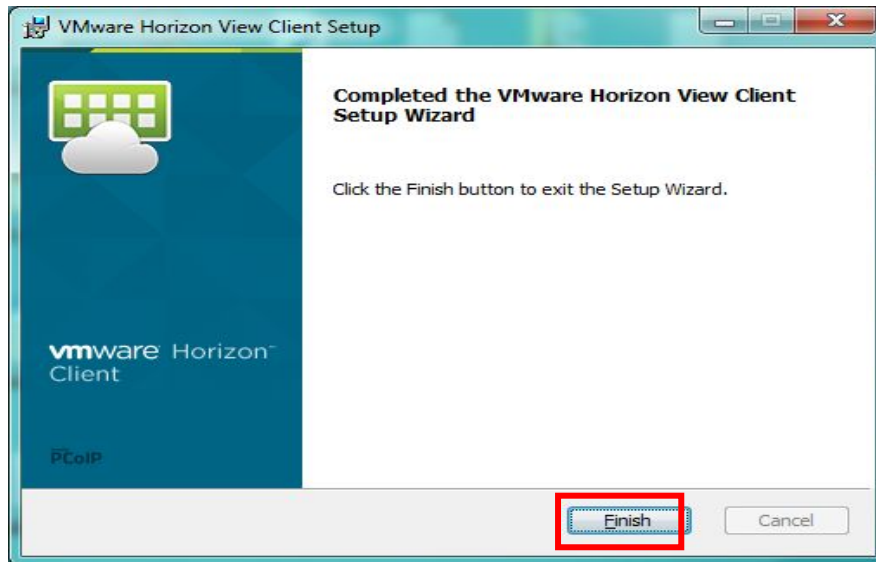
VMware View Client Installation



VMware View Client Installation



VMware View Client Installation



Using Your VMs

Once your **VMware View Client** is installed you can connect to RADISH with your personal computer and access your student VMs (Win8.1 and Kali via VNC) as previously discussed

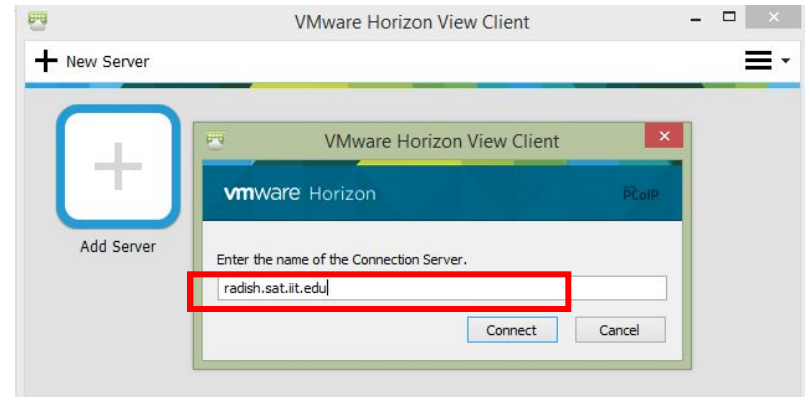
Test this to make sure it works from your personal computer

Connecting to RADISH Using VMware View

Start the VMware View Client

Set the connection server address to ***radish.sat.iit.edu***

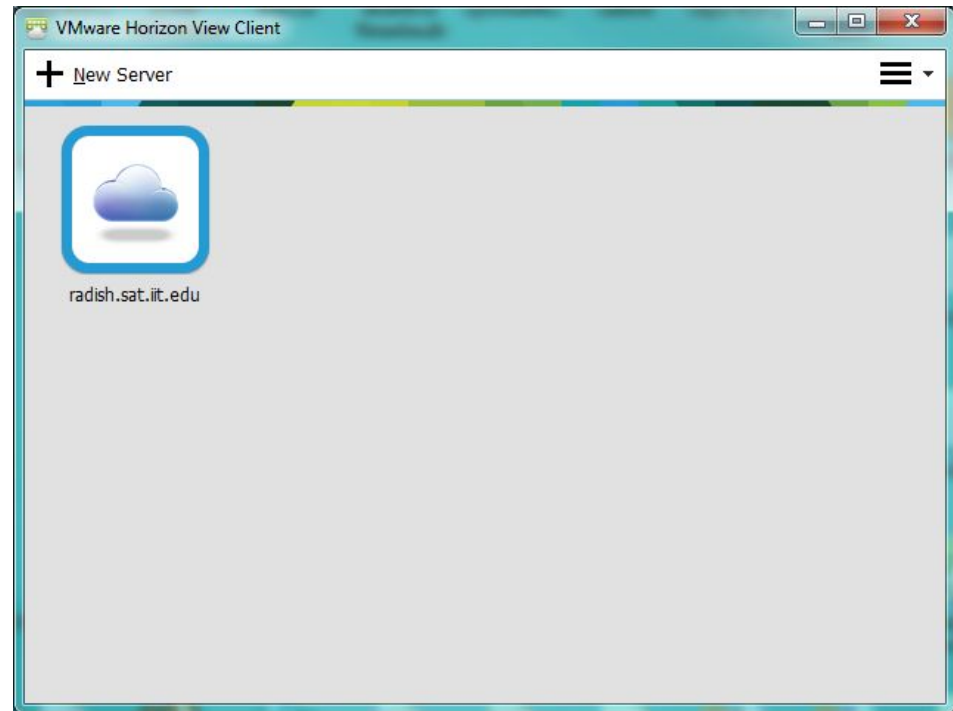
Click on Connect



Note: Your VMware Horizon View Client will look a little different than these slides

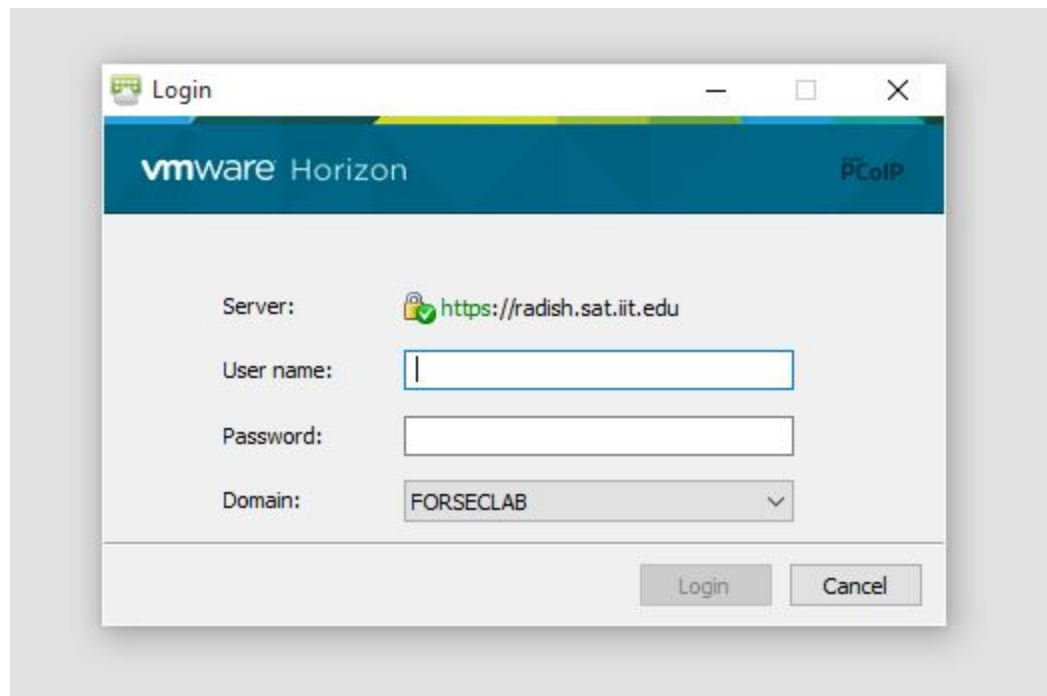
VMware View Client Usage

Double-click on the Radish server icon



VMware View Client Usage

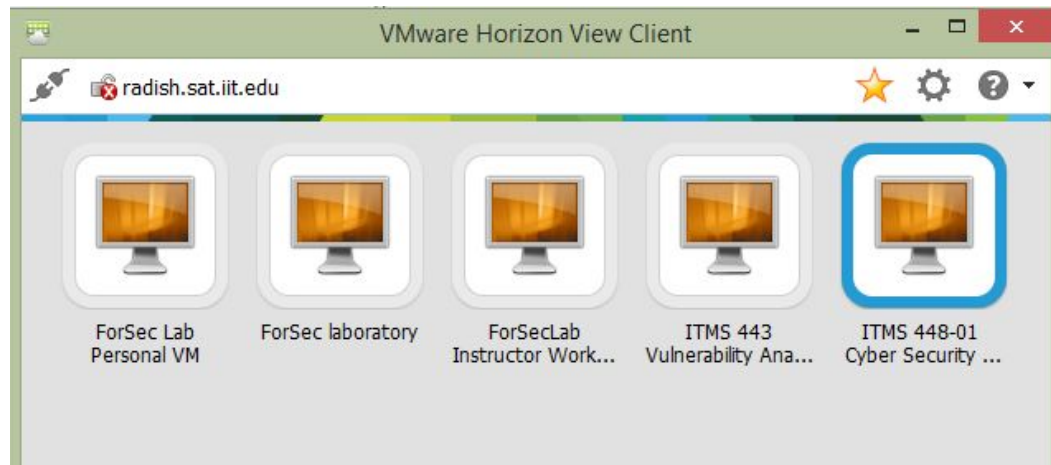
Enter your credentials that Dawid gave you



VMware View Client Usage

Choose the VM that you want to use

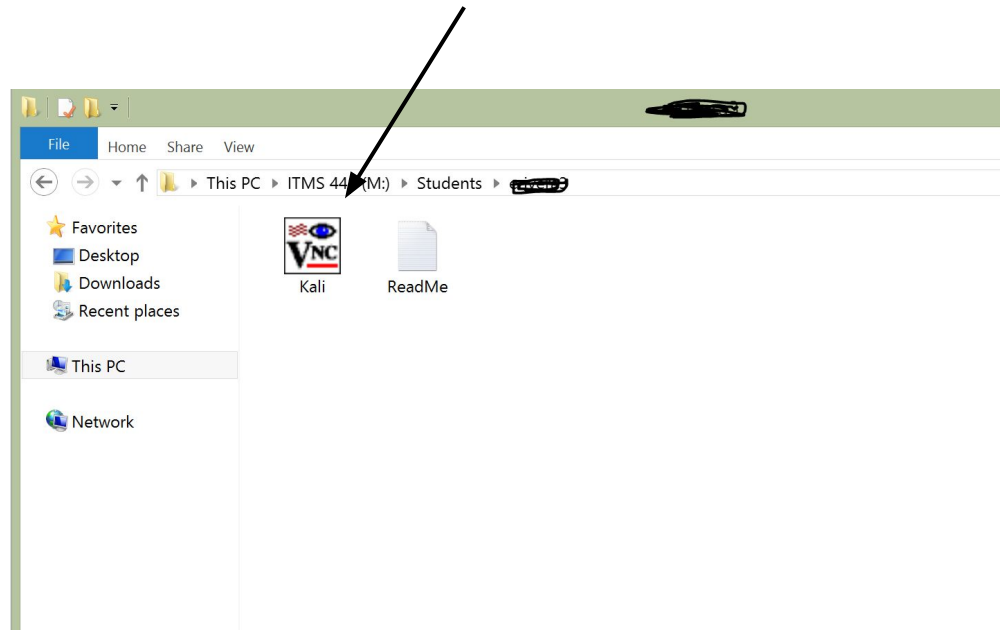
In this case there will only be one: ITMS 555



In a few seconds your Win8.1 VM desktop will appear

Accessing Kali VMs

To access: on your Win8.1 VM, open the Kali shortcut located in your M:\Students\'name\'



RADISH Rules & Student Project Access

Rule 1

DO NOT scan or perform any unethical activity on or using the RADISH system

It might block your access to RADISH

It will affect your class grade

Additional Rules

Don't ever shut down RADISH VMs

Just close the desktop (disconnect) Click on X

Don't try to change the display resolution on your Win8.
1 VM

It automatically adjusts resolution

Don't try to change the display resolution on Kali

It may hang your VM

Don't apply updates to anything at any time

Let us handle updates

If you hang your VM

*Send TA or lab manager email immediately so they can
restore you*

Lab Support

ForSec Laboratory is supported by Dawid Broda and Yalinne Castelan

Contact them at any time if you have any questions regarding using RADISH to remotely access your project or project equipment in general

***Dawid Broda:** dbroda@hawk.iit.edu*

***Yalinne Castelan:** ycastela@hawk.iit.edu*