

# 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

# ForSec Share

## *M: Drive From Kali*

Click on Places and select Connect to Server... then fill out the window using your RADISH credentials

Connect to Server

Server Details

Server: share Port: 0 - +

Type: Windows share

Share:

Folder: /ITMS448

User Details

Domain name: forsecclab

User name: user

Password: ••••••••

☐ Remember this password

Help Cancel Connect

# 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

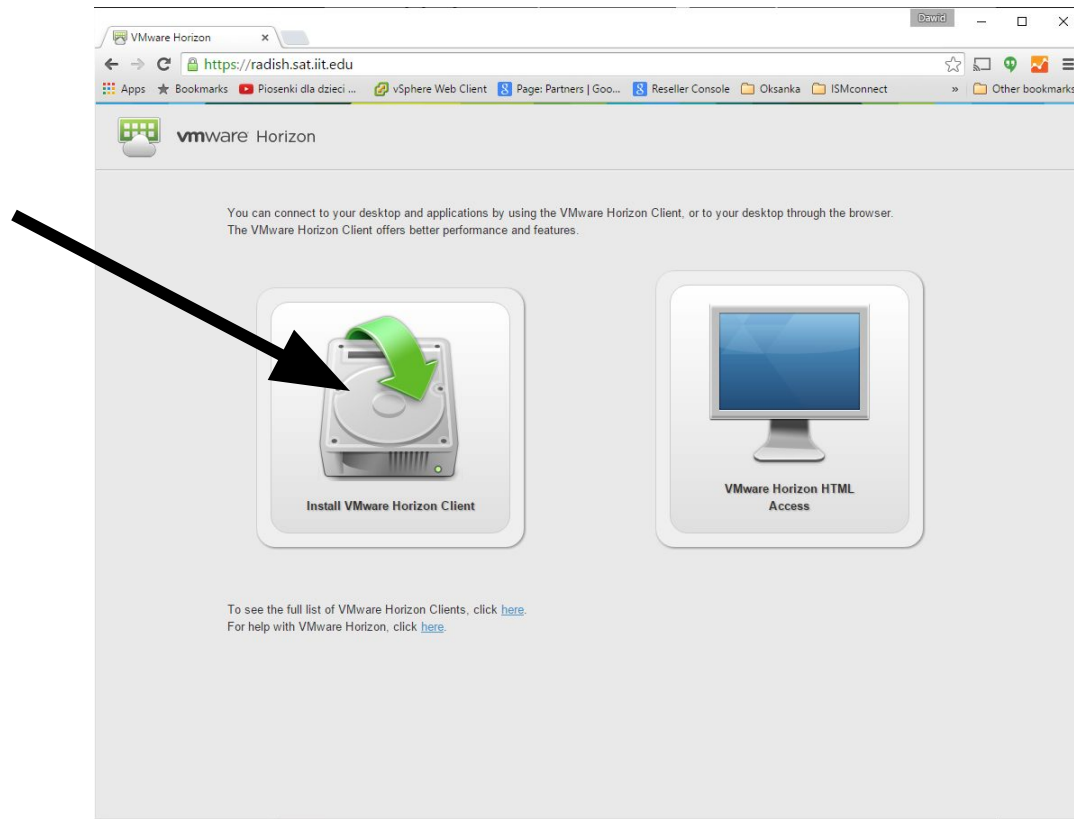
# VMware View Client Installation

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



# VMware View Client Installation

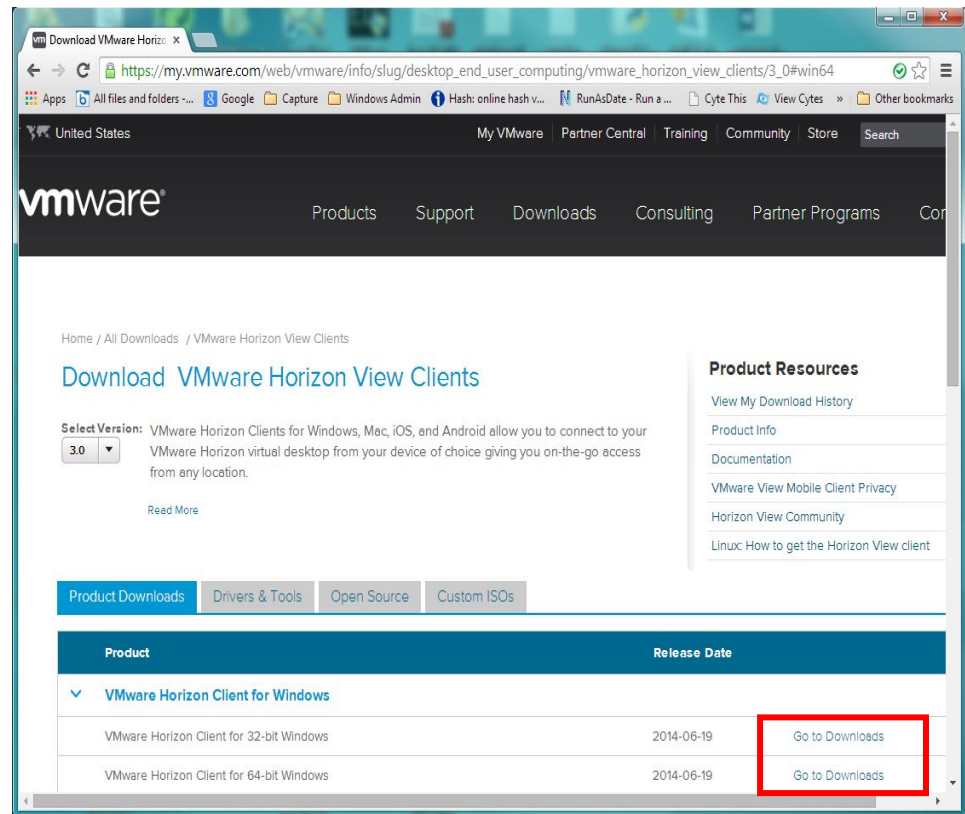
Choose the Horizon View Client list



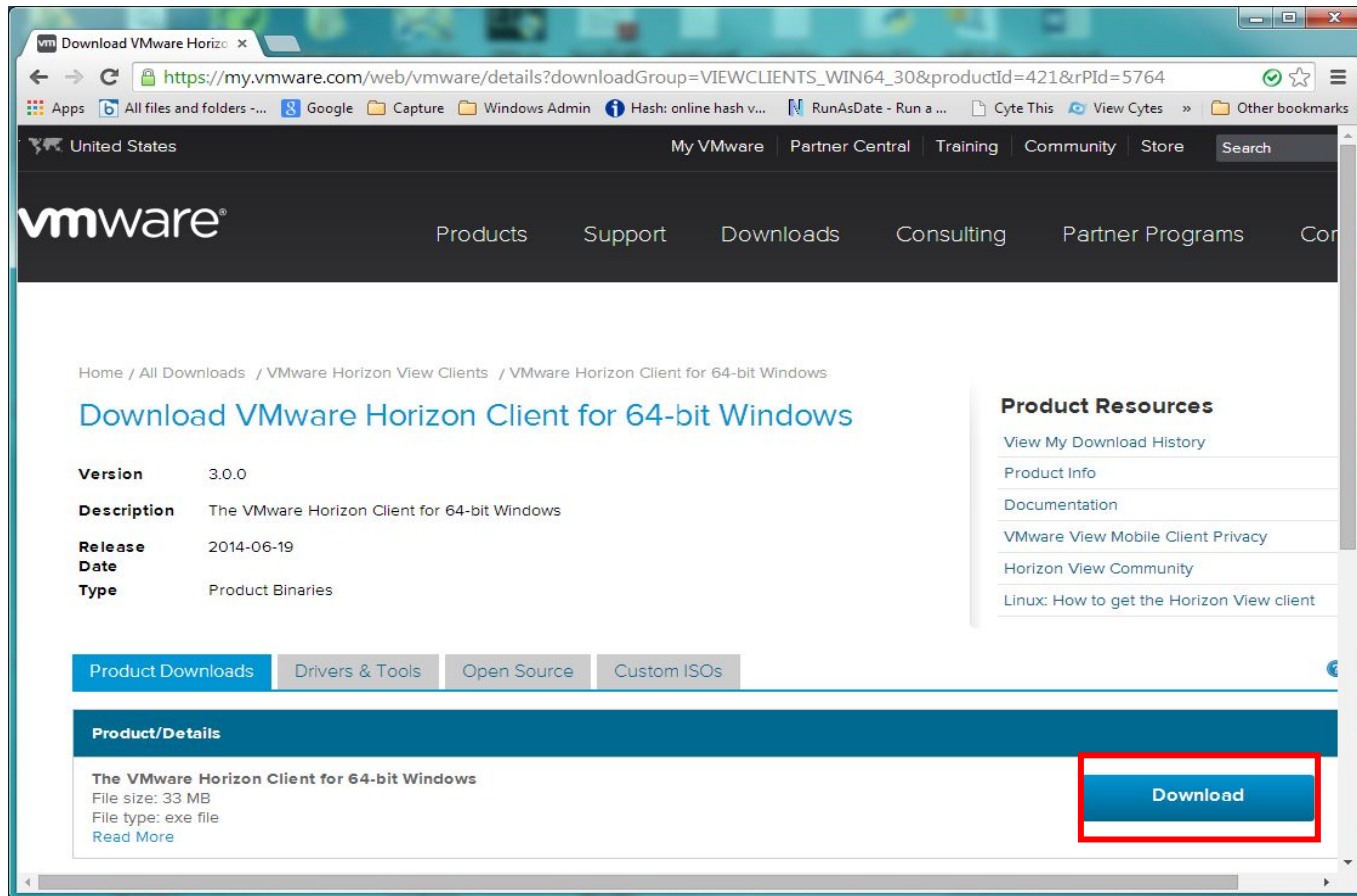
# VMware View Client Installation

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

You may also select Mac  
option if applicable.

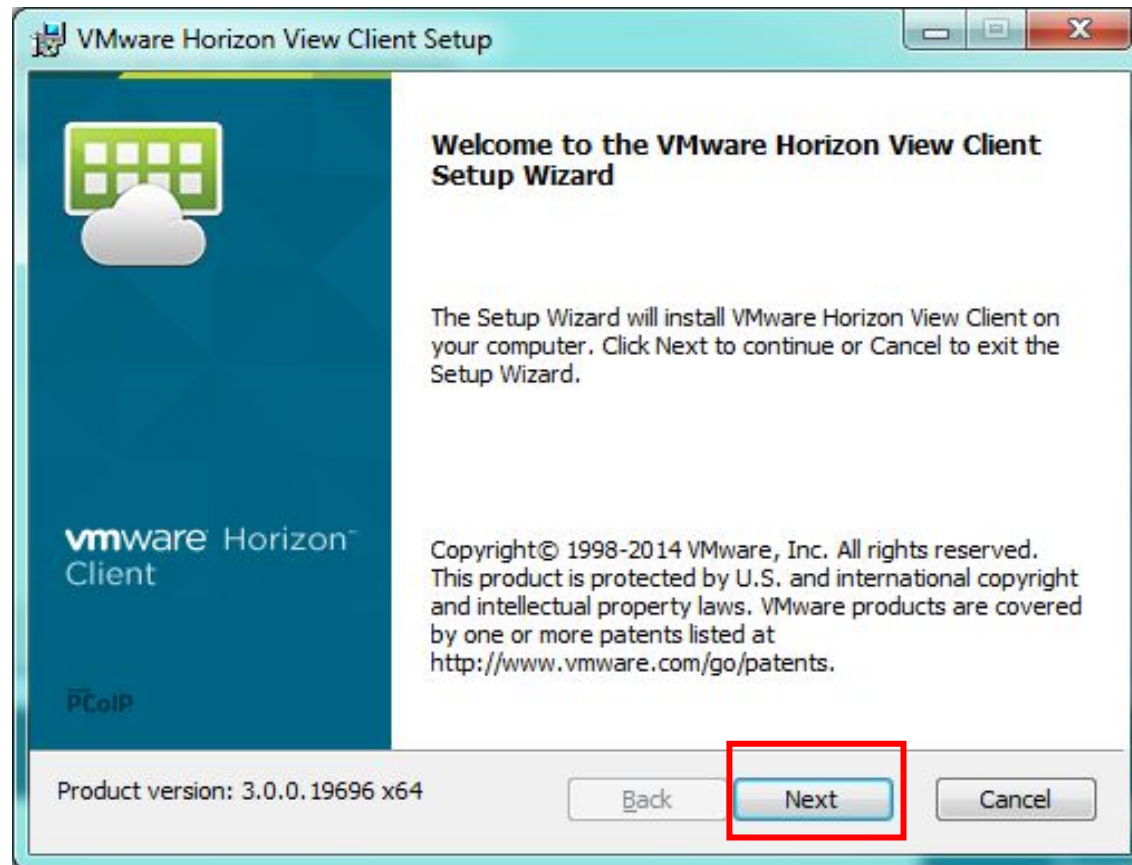


# VMware View Client Installation

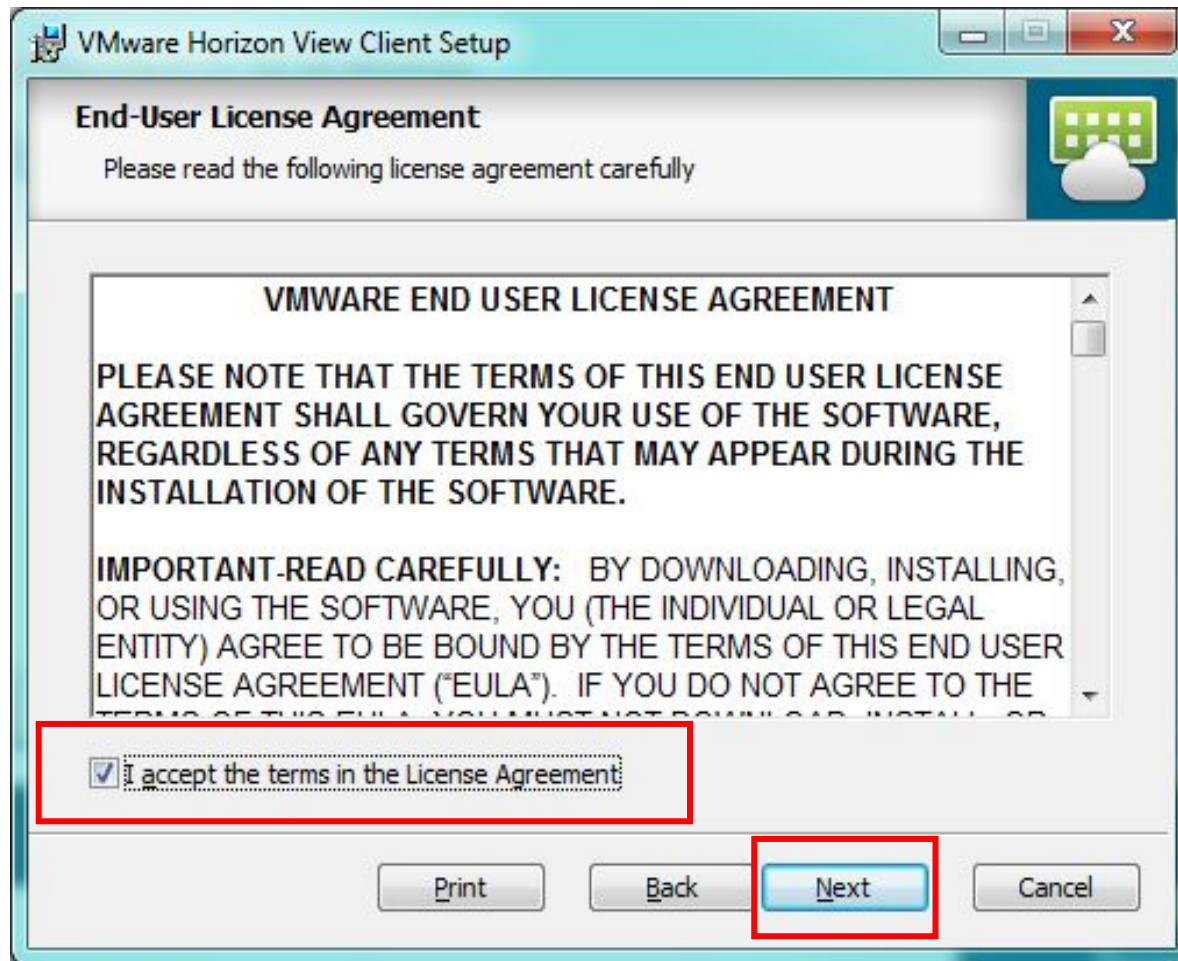


# VMware View Client Installation

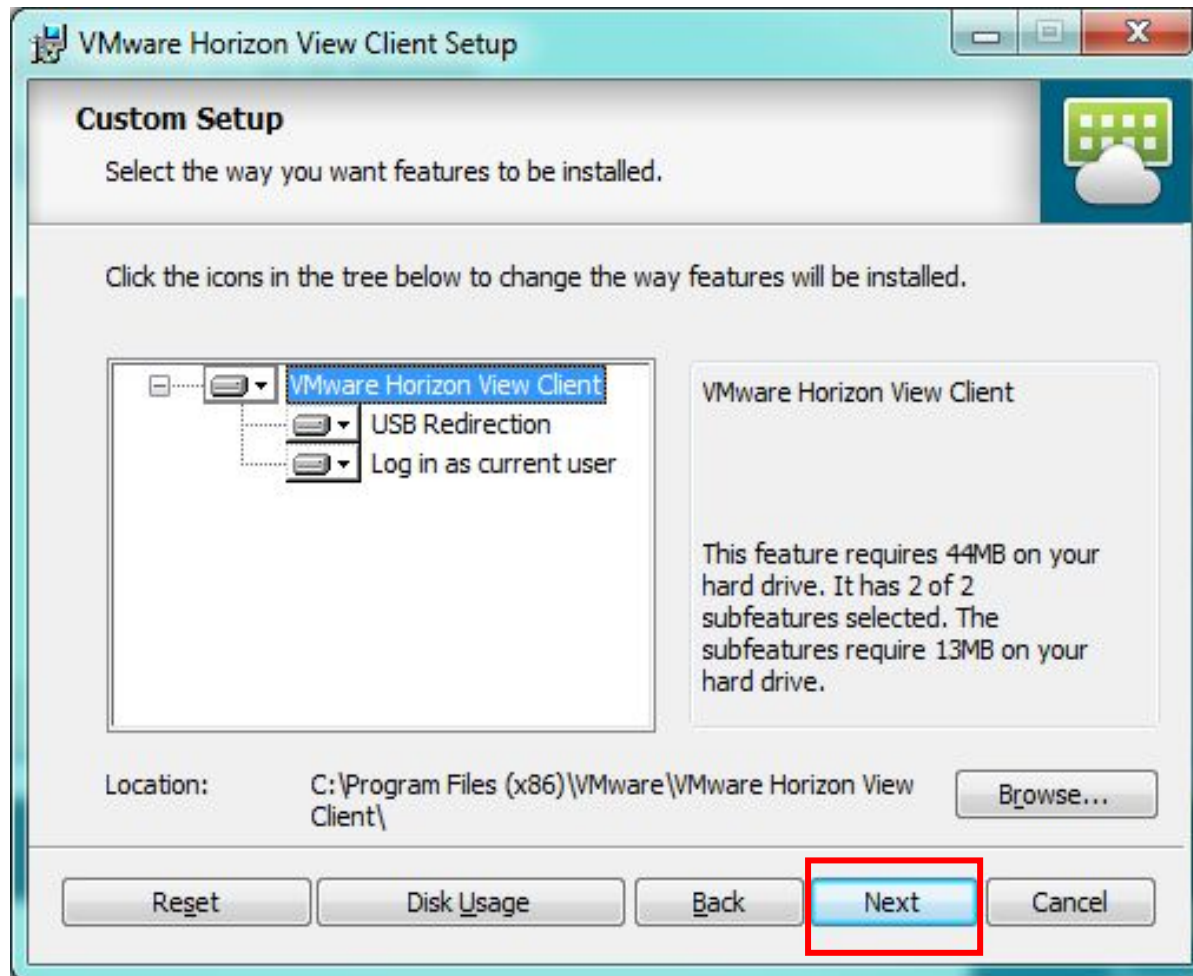
Run Installer Executable that was downloaded



# VMware View Client Installation

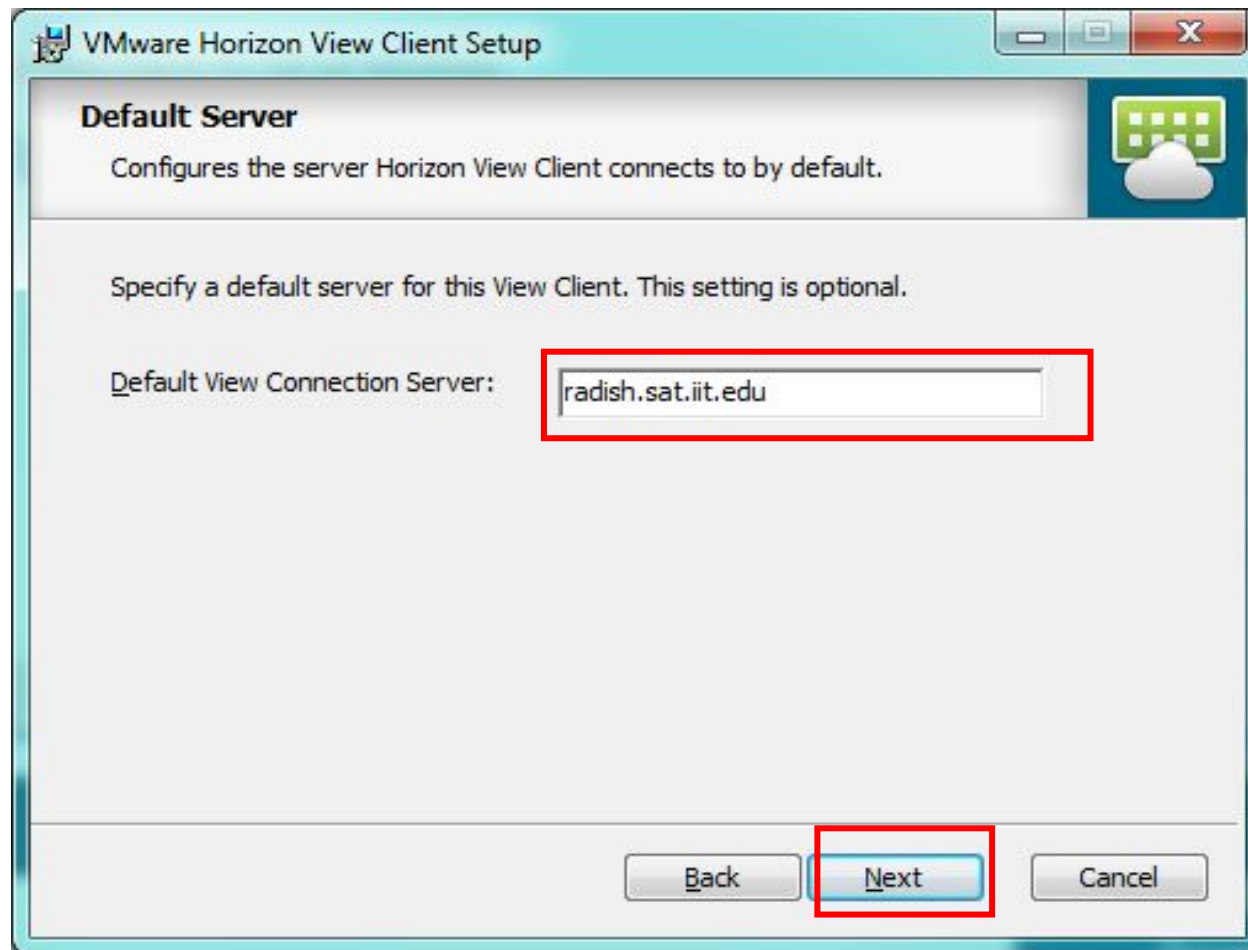


# VMware View Client Installation

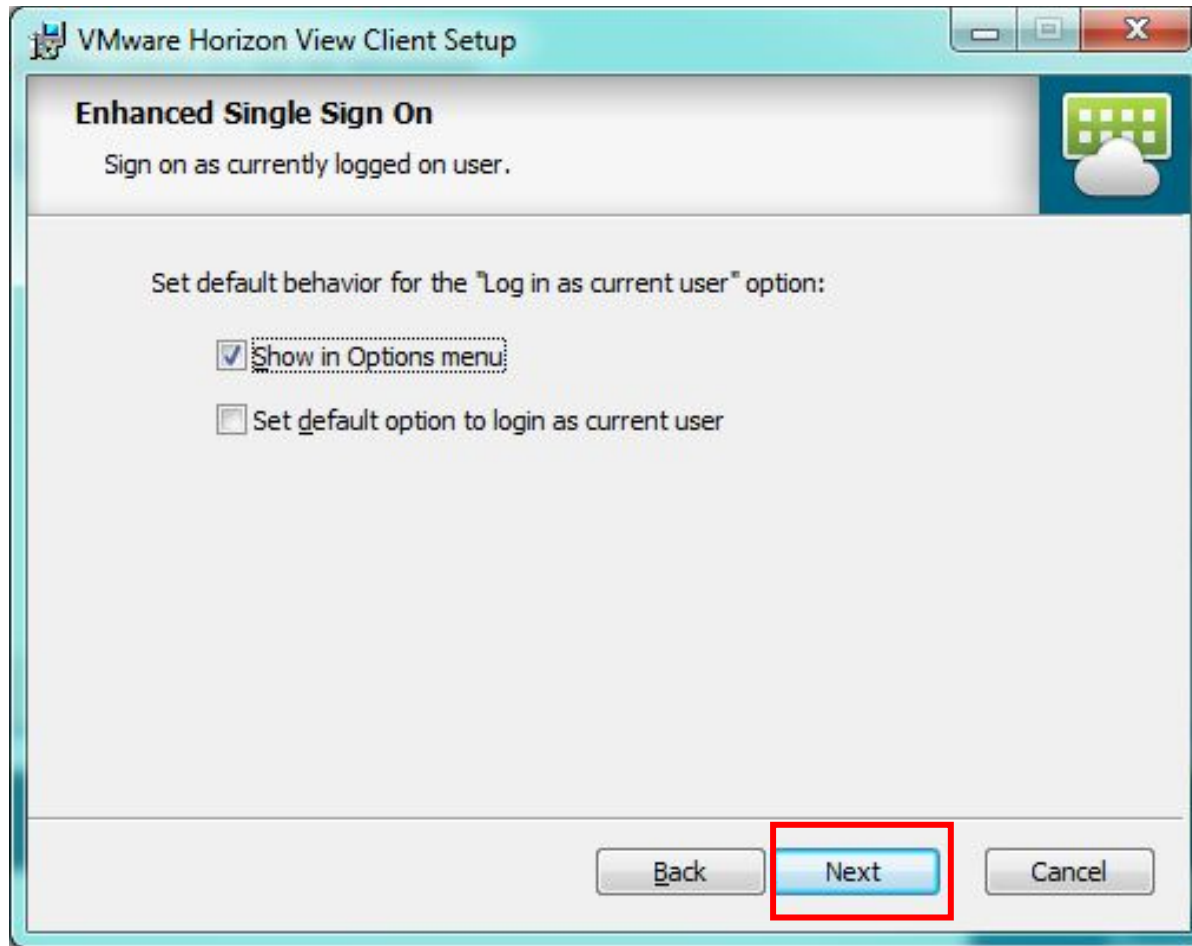




# VMware View Client Installation

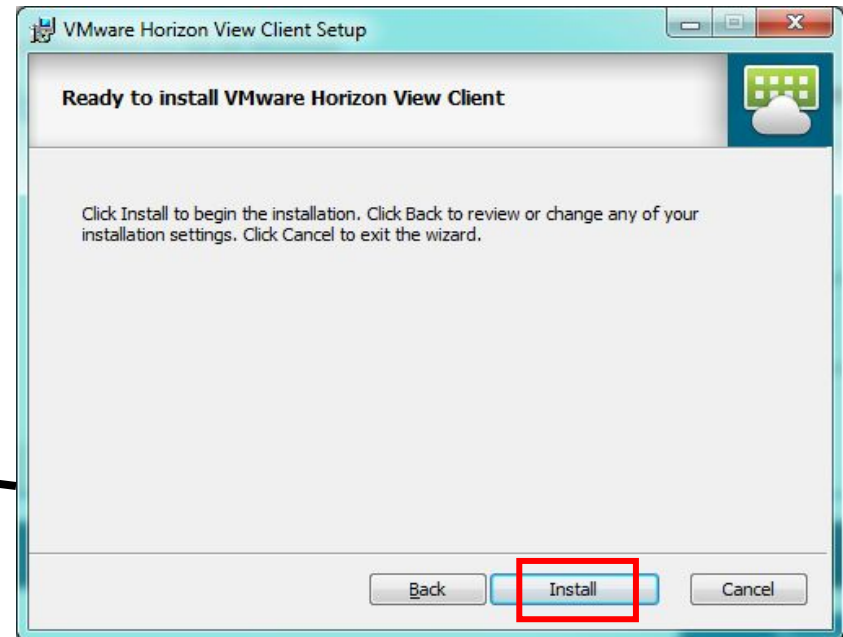
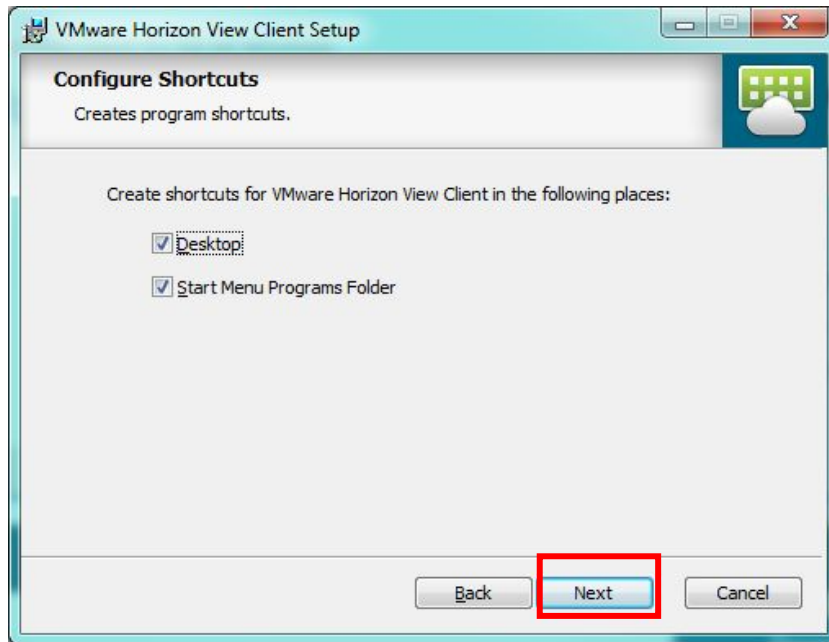


# VMware View Client Installation

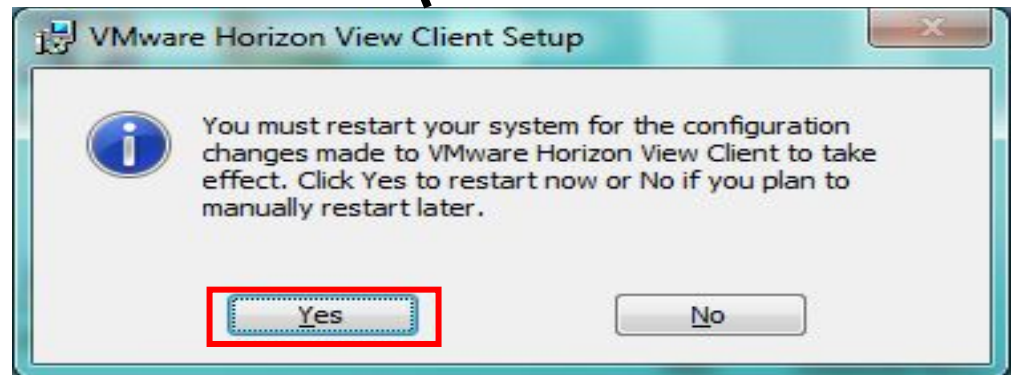
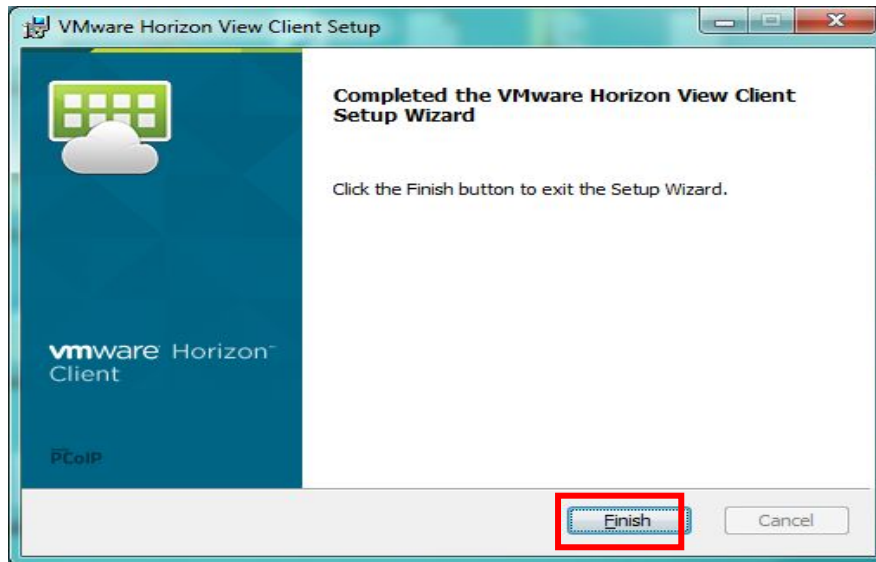




# VMware View Client Installation



# 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

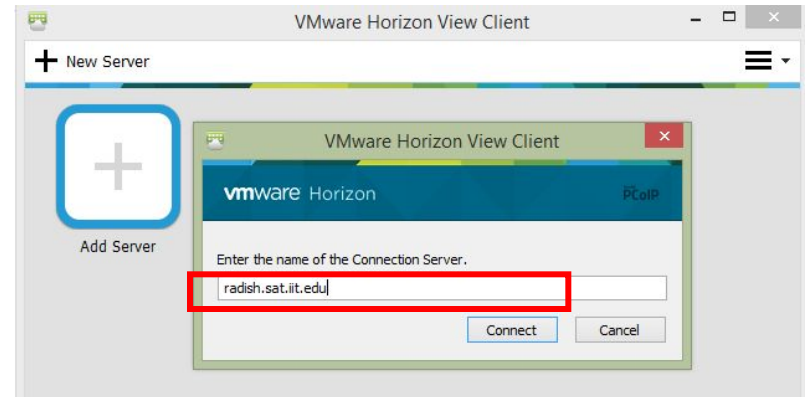
Test this to make sure it works from your personal computer

# Connecting to RADISH Using VMware View

Start the VMware View Client

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

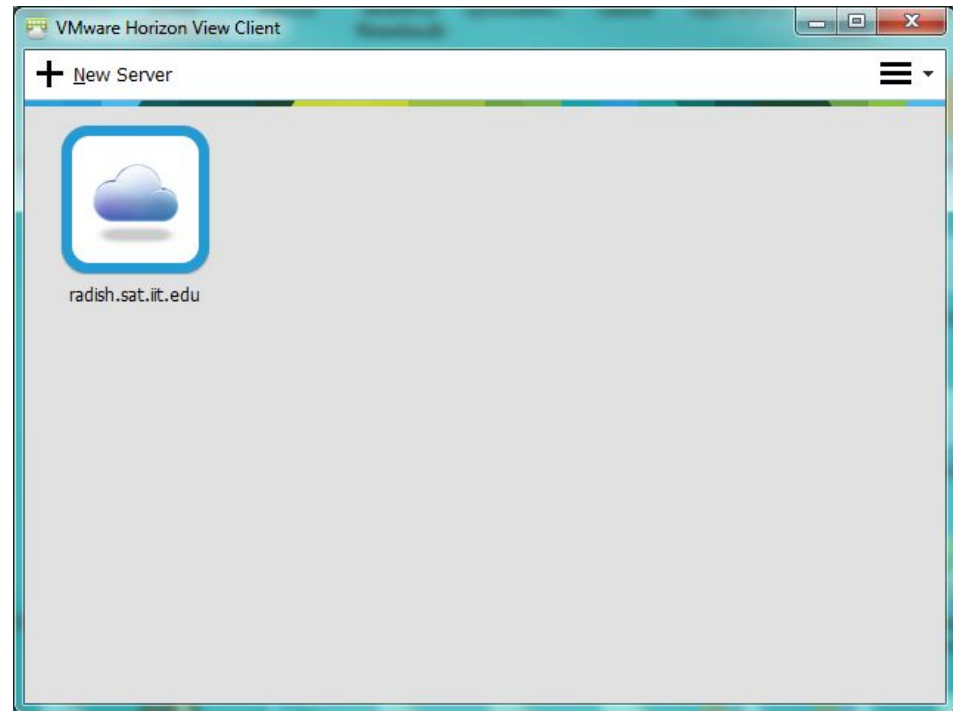
Click on Connect



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

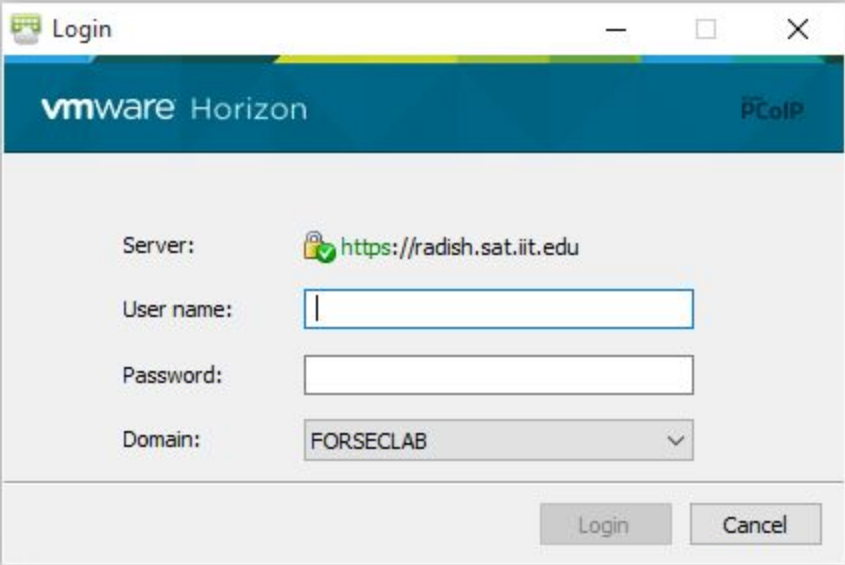
# VMware View Client Usage

Double-click on the Radish server icon



# VMware View Client Usage

Enter your credentials that Dawid gave you



The screenshot shows a 'Login' window for VMware Horizon. The window has a title bar with 'Login' and standard window controls. The main area has a blue header with 'vmware Horizon' and 'PCoIP' on the right. Below the header, there are four fields: 'Server:' with a lock icon and the URL 'https://radish.sat.iit.edu', 'User name:' with a text input field, 'Password:' with a text input field, and 'Domain:' with a dropdown menu showing 'FORSECLAB'. At the bottom right, there are 'Login' and 'Cancel' buttons.

# VMware View Client Usage

Choose the VM that you want to use

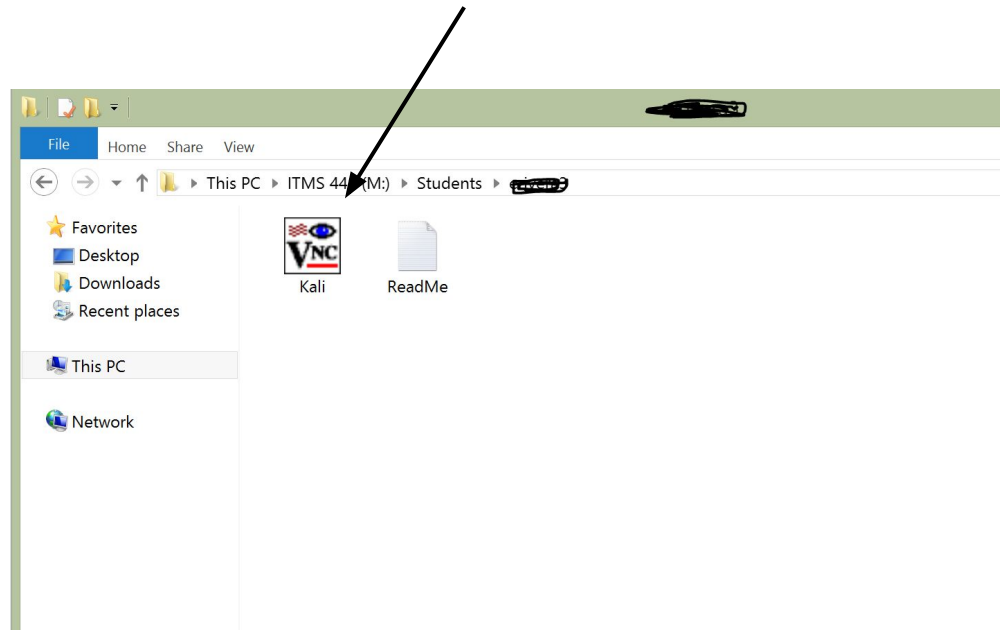
*In this case there will only be one: ITMS 555*



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](mailto:dbroda@hawk.iit.edu)*

*Yalinne Castelan: [ycastela@hawk.iit.edu](mailto:ycastela@hawk.iit.edu)*