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Temasek Polytechnic

Cloud VDI Services (WVD) User Training

Temasek POLYTECHNIC

Logicalis Singapore

5.4.2021

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Agenda

- Objectives
- Introduction of Azure WVD
- WVD Access and Login Experience
- WVD session host Log Off Experience
- Local Drive Redirections
- Demo
- Frequently Asked Questions
- Question and Answer

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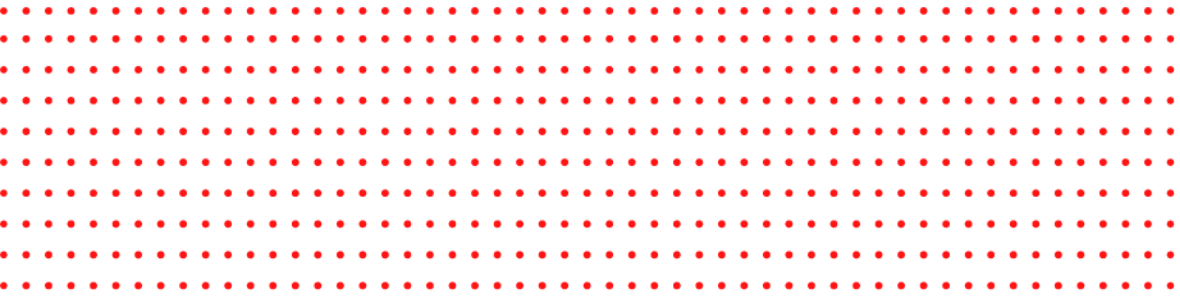
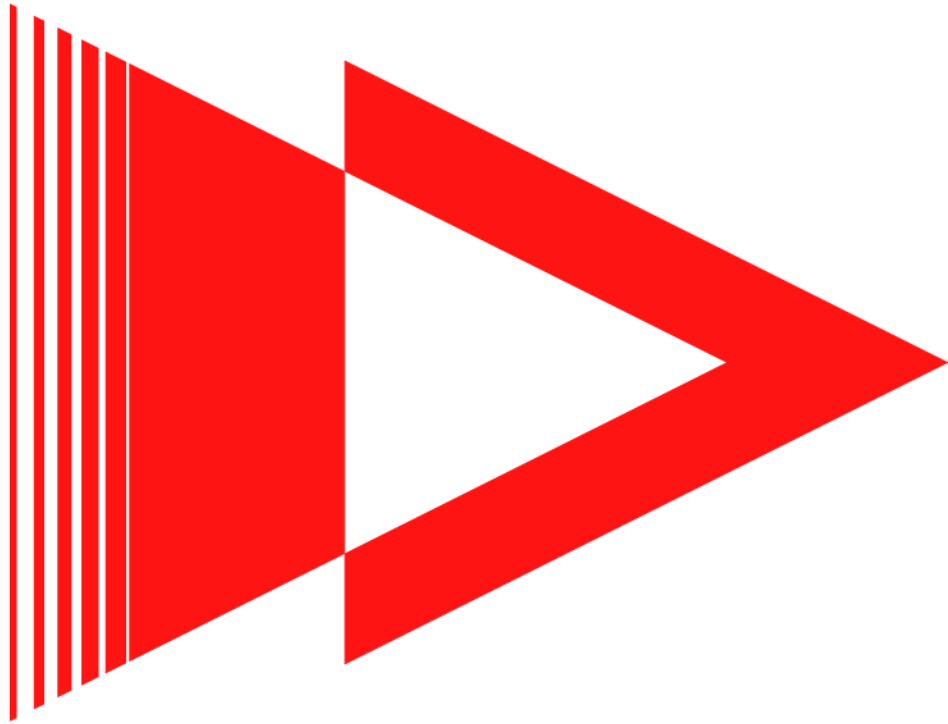
Objectives





Objectives

To Introduce the new virtual desktop platform and explain the process to the user when login to Temasek Polytechnic new virtual desktop environment

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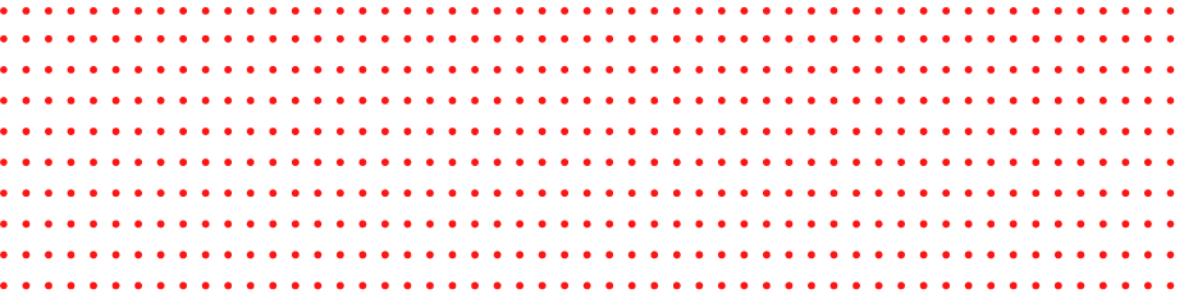
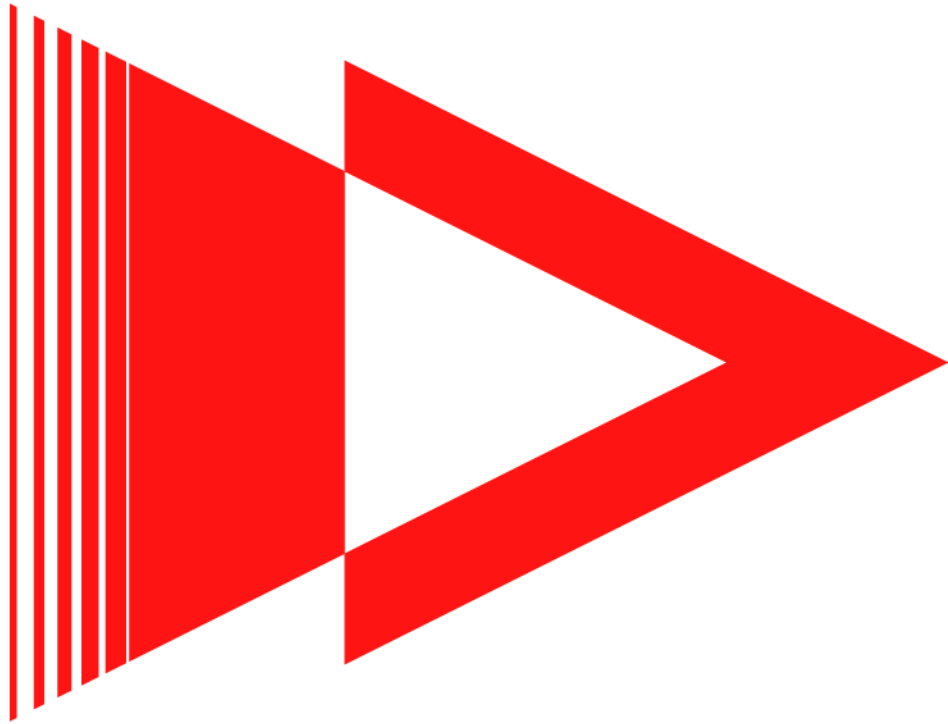
What is WVD?





What is WVD?

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Windows Virtual Desktop or “WVD” is a desktop and app virtualization service that resides in the cloud and is then accessed by users using a device of their choice. Think of it as Desktop-as-a-Service powered by Microsoft Azure

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What Make WVD Different?

In the past, virtual desktop solutions have been complex and expensive. They were difficult to set up and manage. A large server infrastructure was necessary to run virtual desktops. As a result, most small and medium businesses didn't have the resources to manage virtual desktops in-house. Azure WVD makes this accessible and affordable for all businesses.

Benefits

- Simple to deploy and configure
- Cost effective
- Easy to scale
- Flexible

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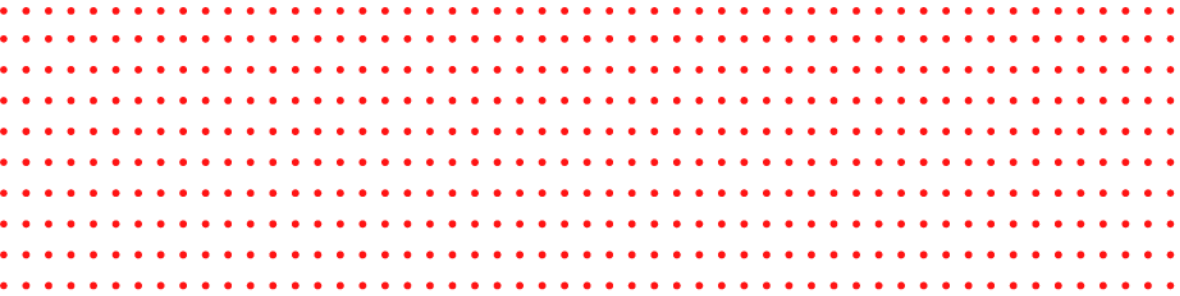
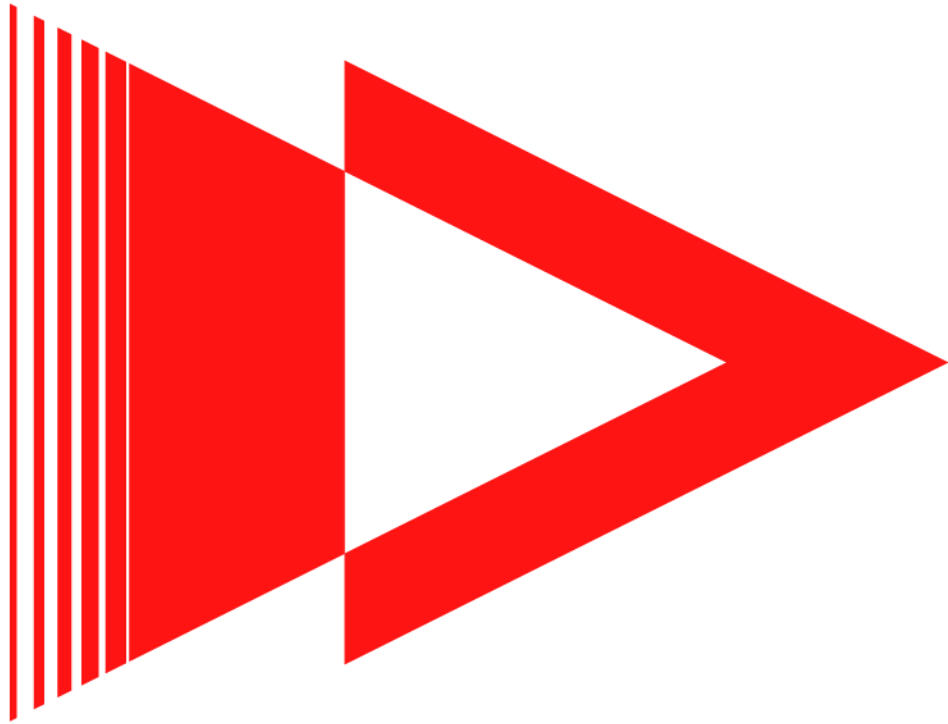
WVD Access and Login Experience





WVD Access Method

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- **Using a HTML-5 Supported Web Browser**

- **Remote Desktop Clients app on Windows Machine , MACOS, Android, IOS devices**

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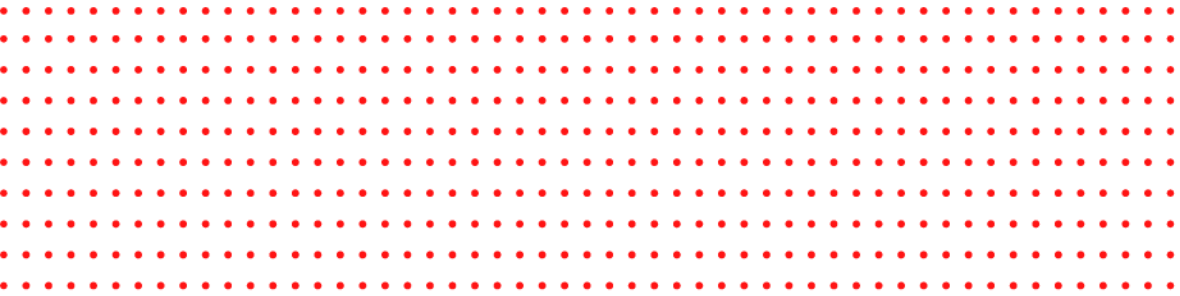
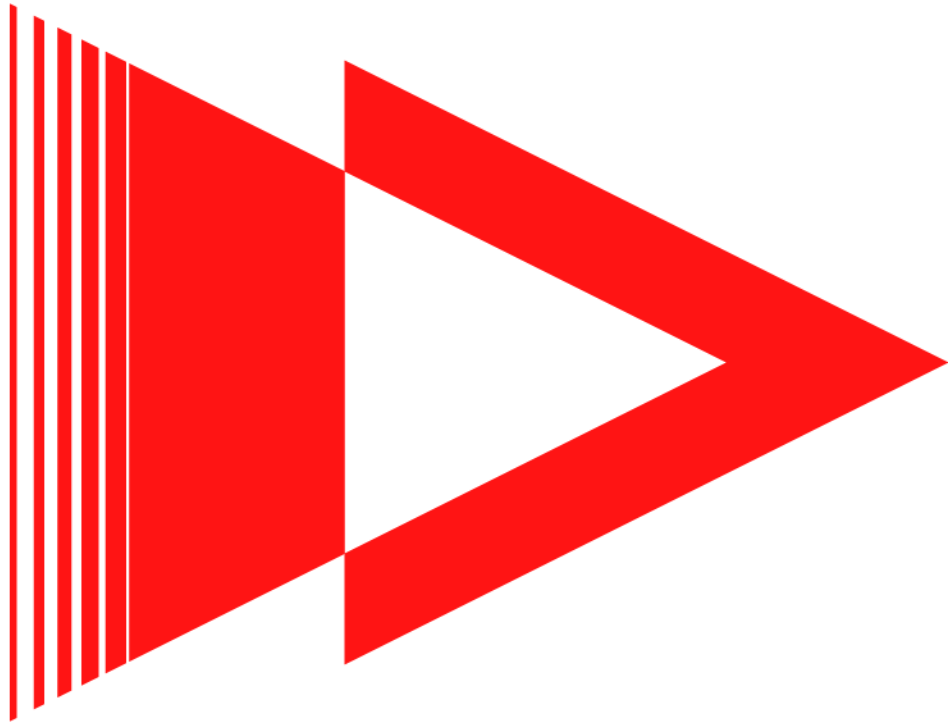
WVD Access via Web Browser





Supported Web Browser

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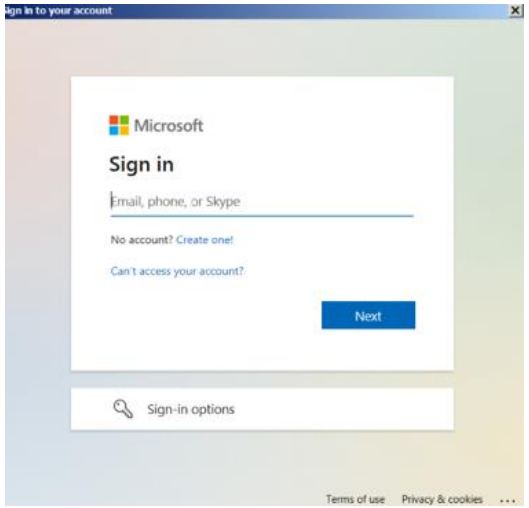
Browser	Supported OS	Notes
Microsoft Edge	Windows	
Internet Explorer	Windows	Version 11 or later
Apple Safari	macOS	
Mozilla Firefox	Windows, macOS, Linux	Version 55 or later
Google Chrome	Windows, macOS, Linux, Chrome OS	Google Chrome

Web Browser Access

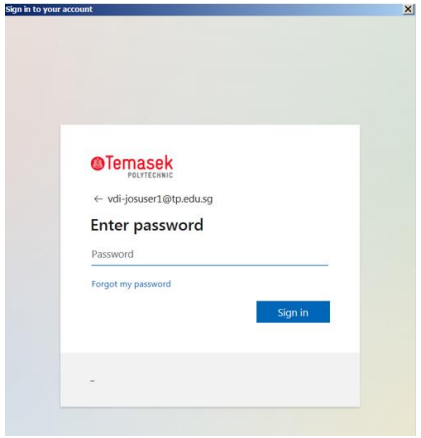
Step 1:
Open a web browser (IE/Firefox/ Google Chrome/ Edge / Safari) and enter https://rdweb.wvd.microsoft.com/arm/webclient in the address bar

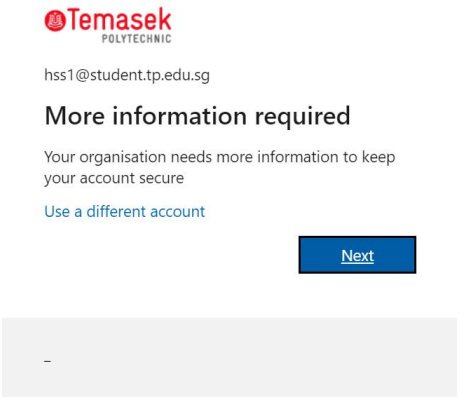
Step 2:
Enter your “@tp.edu.sg” or “@student.tp.edu.sg” username and click on the ‘Next’ Button



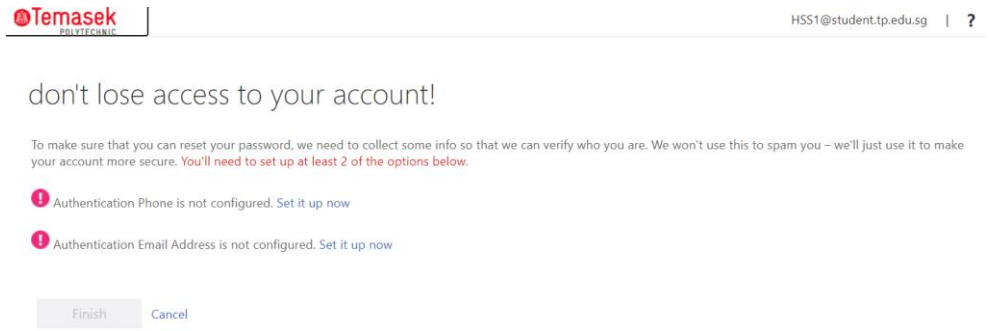
Web Browser Access

Step 3:
Enter the password and click ‘Sign in’ , Click ‘Next’ on More information required
Note: Account name in screen capture is for reference. It should be showing your own email ID.



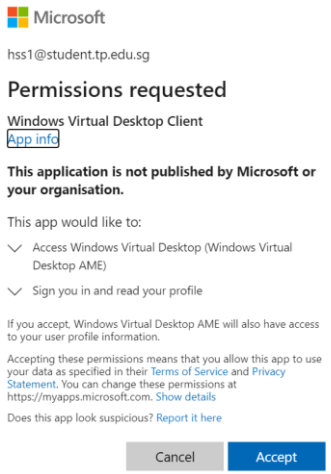


Step 4:
Click ‘Cancel’ to skip the authentication setup

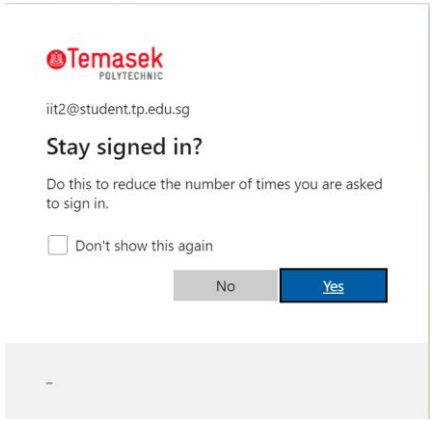


Web Browser Access

Step 5 :
Click ‘Accept’. Note: This will only happen during the initial logon. After that you will see the screen in step 6 for the logon

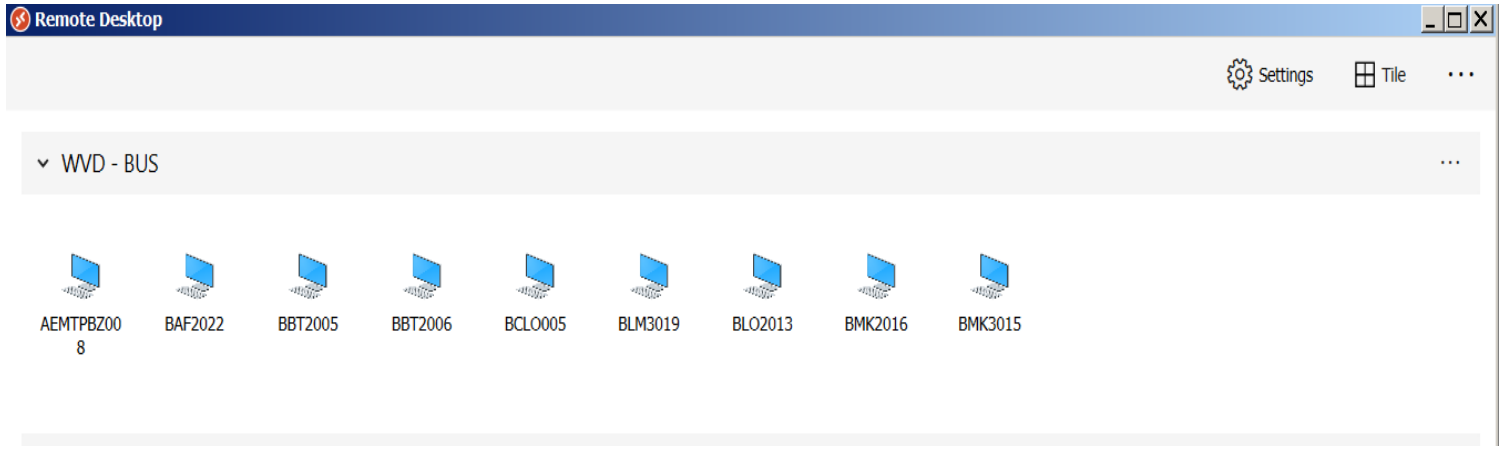


Step 6 :
In the stay signed in screen, Click ‘No’



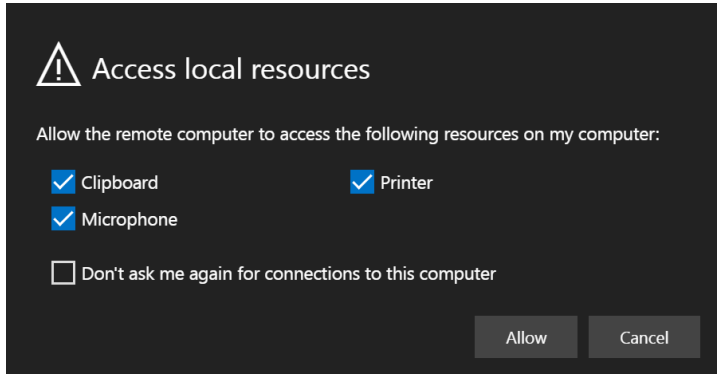
Web Browser Access

Step 7 :
You will now be logged into the WVD portal. Expand the workspace (the workspace named by the school code) and click to launch session host. (The session host named by subject code from each of the schools).

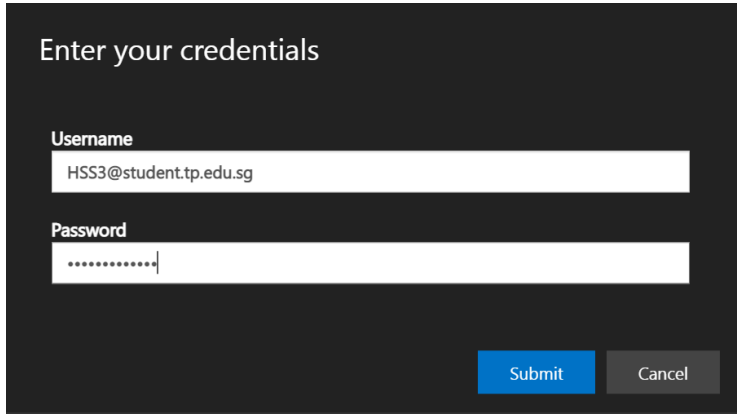


Web Browser Access

Step 8:
If you wish, tick the boxes below to allow connection to your local Printer , clipboard and Microphone (Please note this Printer is not the Printer in your practice, this will only give access to your local printer connected to your personnel laptop / PC and click ‘Allow’.

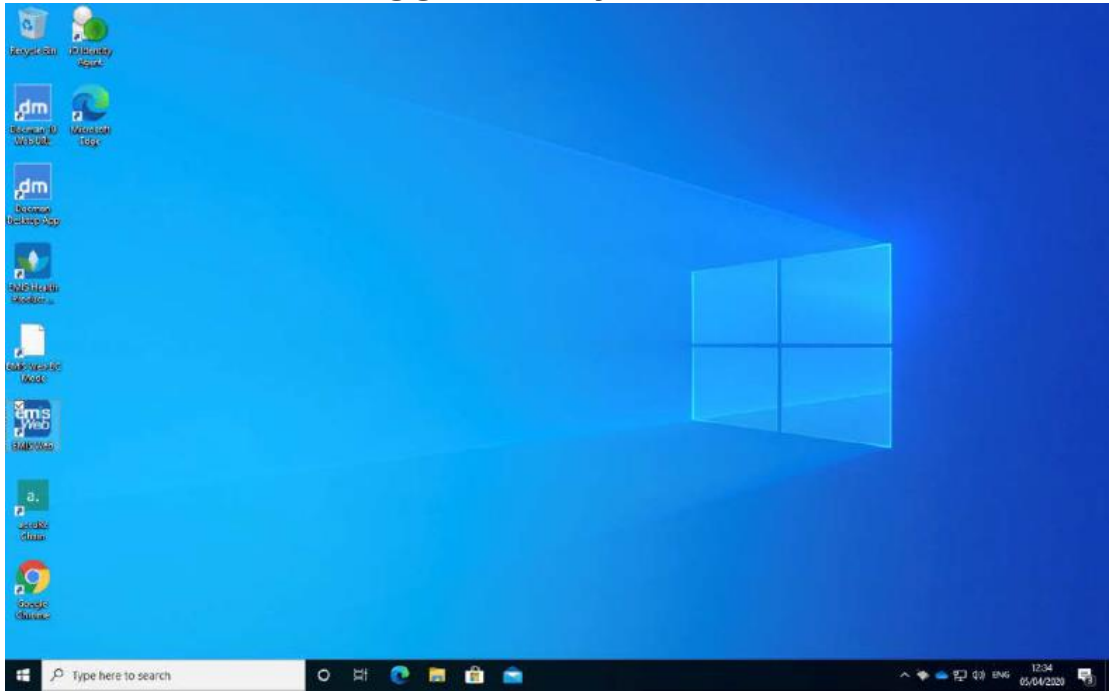


Step 9:
please enter your “@tp.edu.sg” or “@student.tp.edu.sg” login username and password , Click ‘Submit’



Web Browser Access

Step 10:
You will now be logged into your Windows Virtual Desktop.



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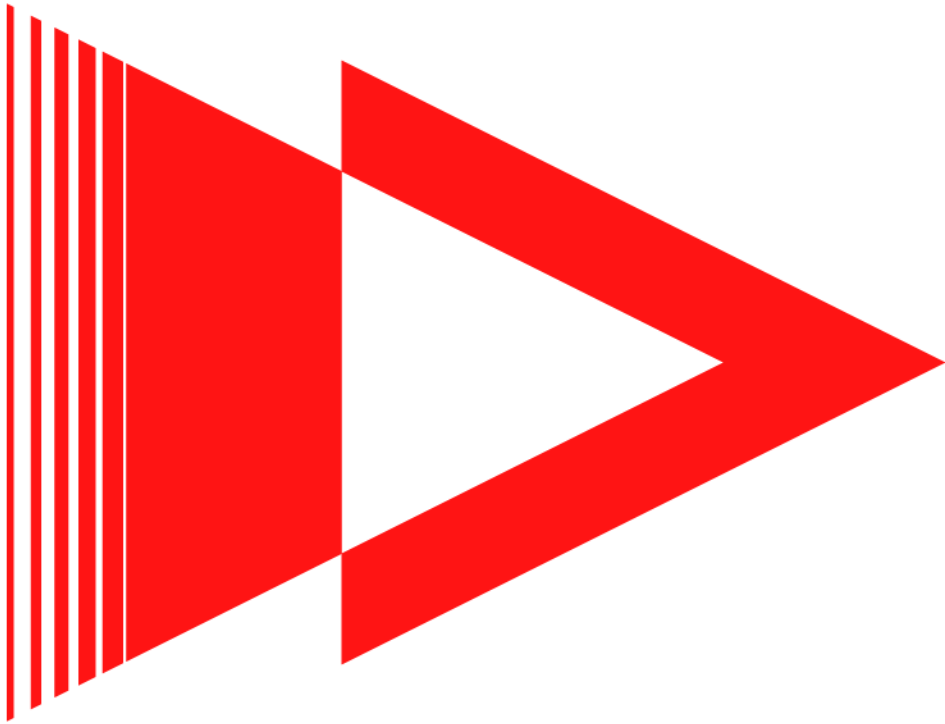
WVD Access via remote Desktop Client On Windows



Remote Desktop Client Access on Windows Machine

Step 1:
To download the RD client application, Open the browser and type in the URL
https://docs.microsoft.com/en-us/windows-server/remote/remote-desktop-services/clients/windowsdesktop#install-the-client

Step 2:
Navigate to the session ‘Install the client’ and you will see 3 installers. Click the supported installer according to your Windows system type. You will see the application starting to download after you select the appropriate installer, and the installer name will be like “RemoteDesktop_1.2.1844.0_x64.msi”

Remote Desktop Client Access on Windows Machine

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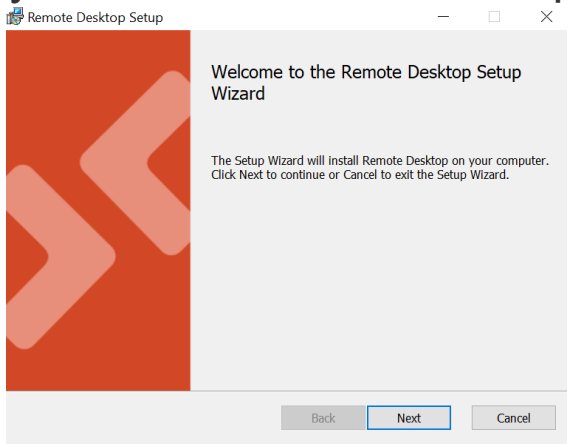
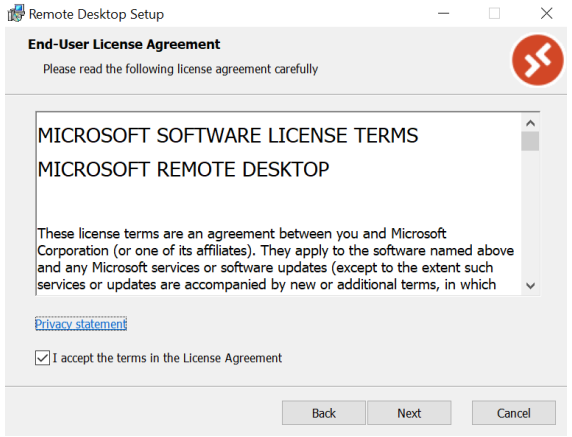
Step 3:
Double click the packages and you will see the welcome page, click ‘Next’

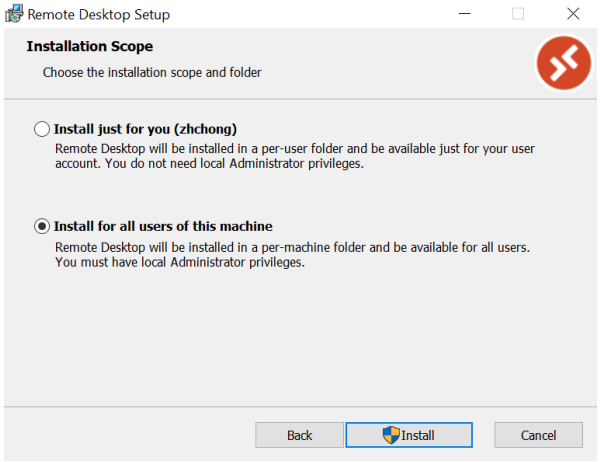


Step 4:
Under the End-User License Agreement, tick the ‘I accept the terms in the License Agreement’ and click ‘Next’

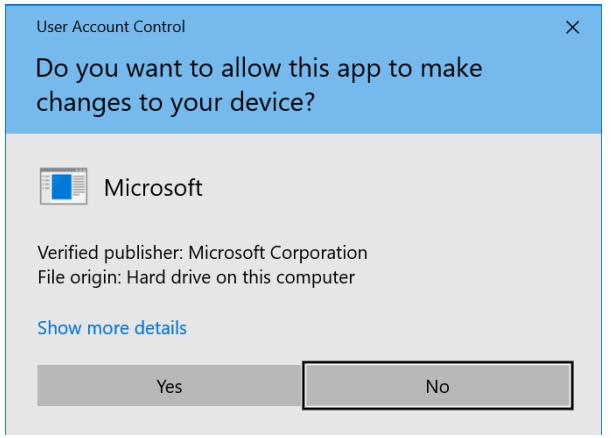


Remote Desktop Client Access on Windows Machine

Step 5:
Select “Install for all users of this machine” and click ‘Install’

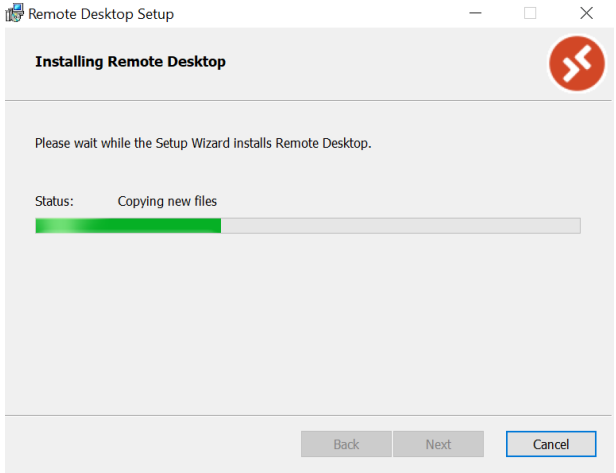


Step 6:
User might get the below prompt when there is User Account Control enable on the machine, click ‘Yes’ to continue the installation. Or else skip to Step 7

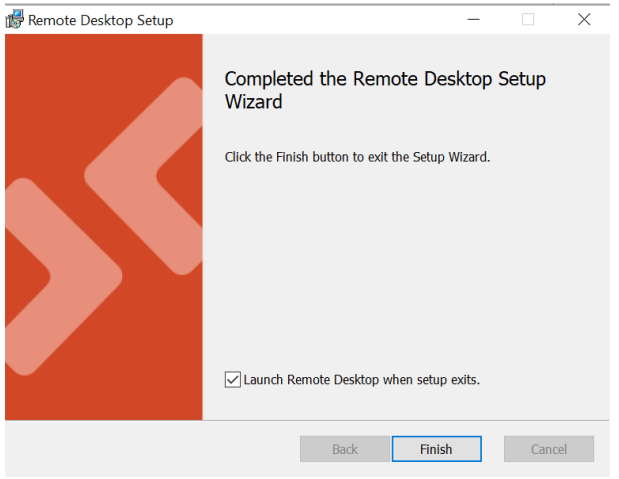


Remote Desktop Client Access on Windows Machine

Step 7:
Wait for the installation to be complete and it will take few minutes.

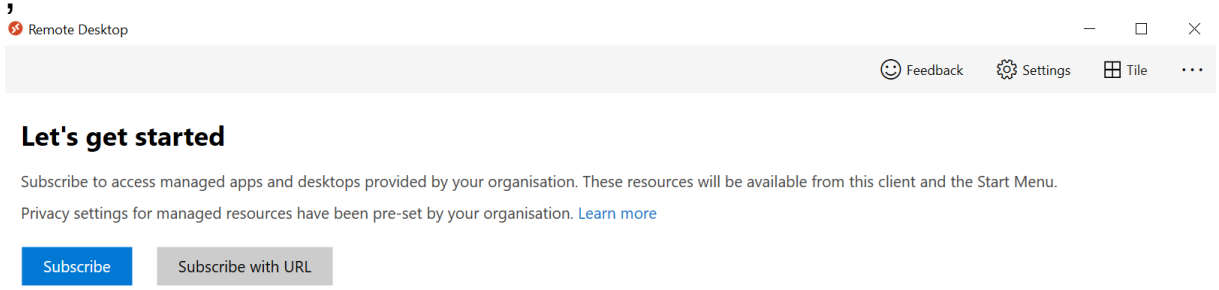


Step 8:
Click Finish and Launch the Remote Desktop Application

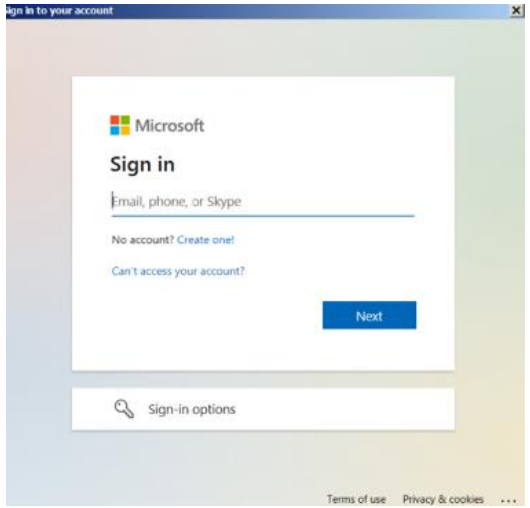


Remote Desktop Client Access on Windows Machine

Step 9:
you will be presented with the below screen. Click the ‘Subscribe’ button.
,

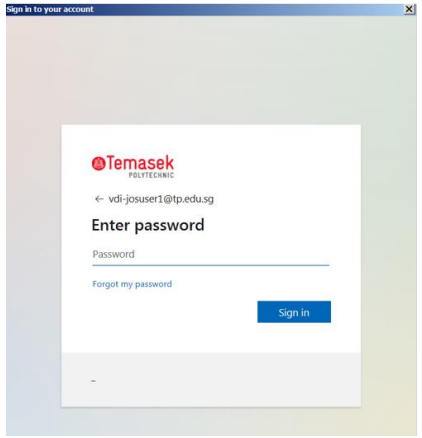


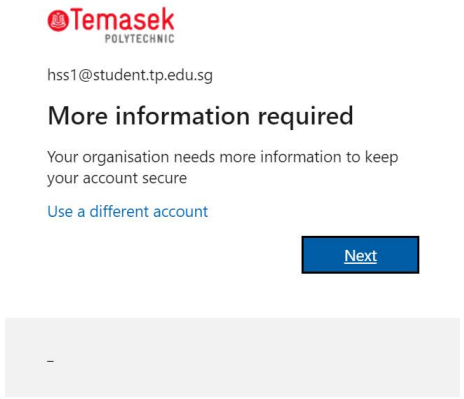
Step 10:
Enter your “@tp.edu.sg” or “@student.tp.edu.sg” username and click on the ‘Next’ Button



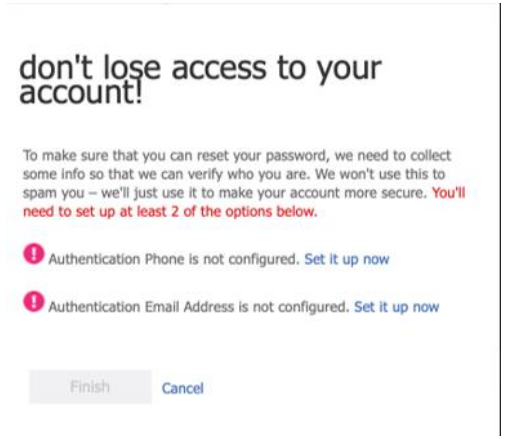
Remote Desktop Client Access on Windows Machine

Step 11:
Enter the password and click ‘Sign in’ , Select ‘Next’ on More information required
Note: Account name in screen capture is for reference. It should be showing your own email ID.



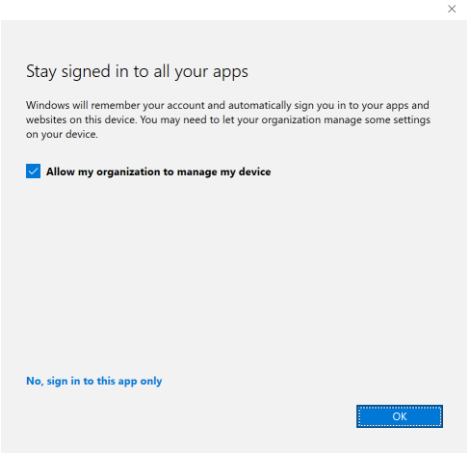


Step 12:
Click ‘Cancel’ to skip the authentication setup

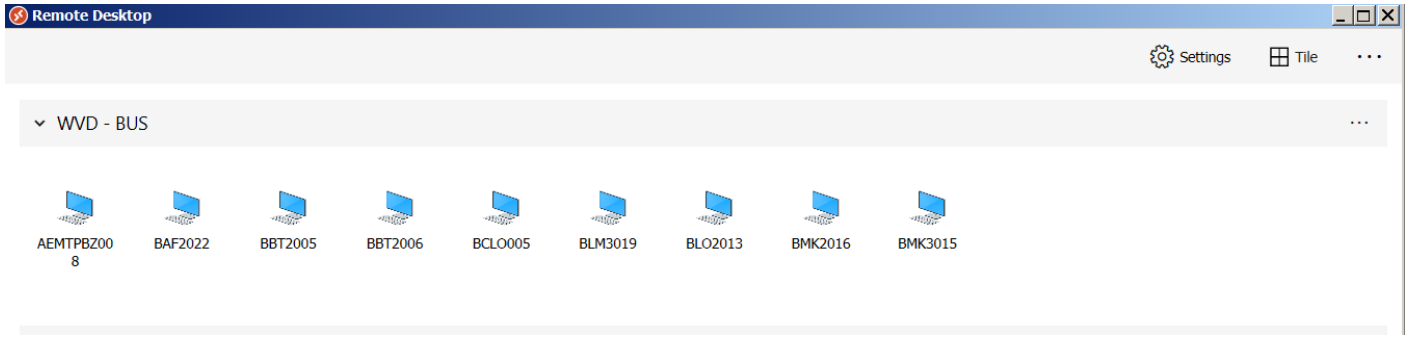


Remote Desktop Client Access on Windows Machine

Step 13:
Click ‘OK’ to proceed



Step 14:
You will see the WVD portal. Expand the workspace (the workspace named by the school code) and you will see the session host named based by subject code that allocated

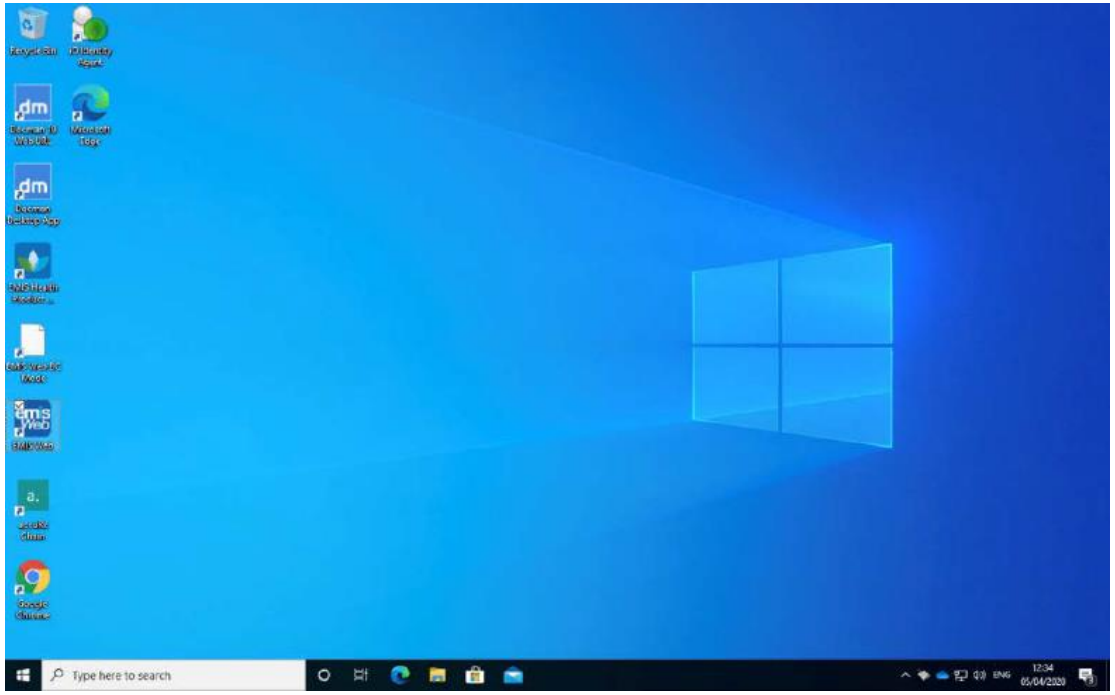


Remote Desktop Client Access on Windows Machine

Step 15:
Double Click to launch the session host, Enter your Password then click the ‘OK’ button.

Remote Desktop Client Access on Windows Machine

Step 16:
You will now be logged into your Windows Virtual Desktop.



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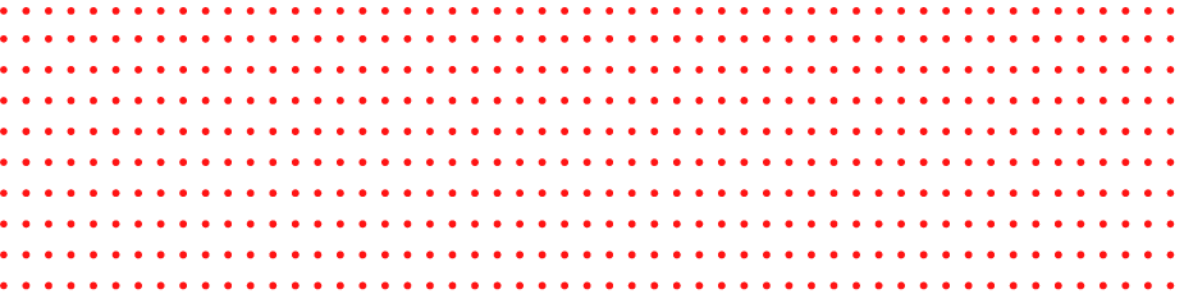
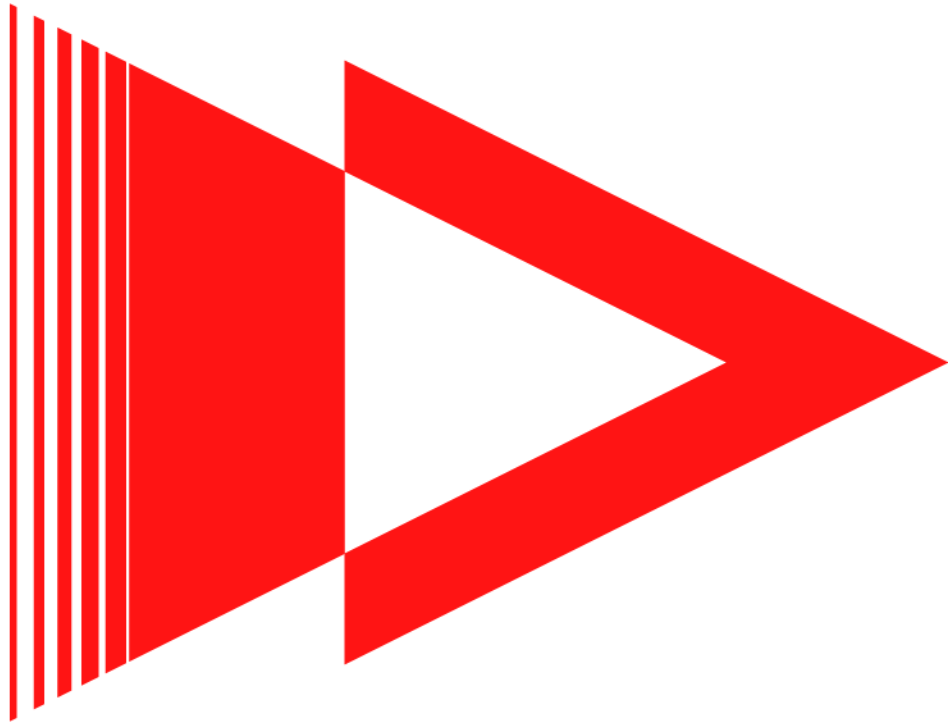
WVD Access via remote Desktop Client on MAC



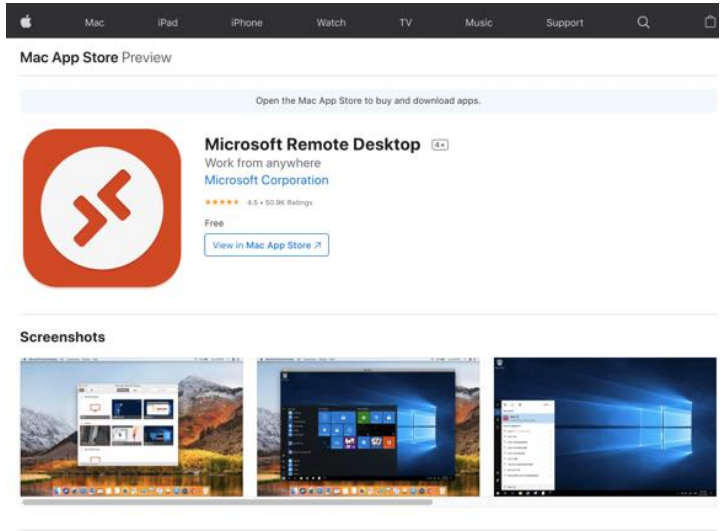


Remote Desktop Client Access on MAC

Step 1:

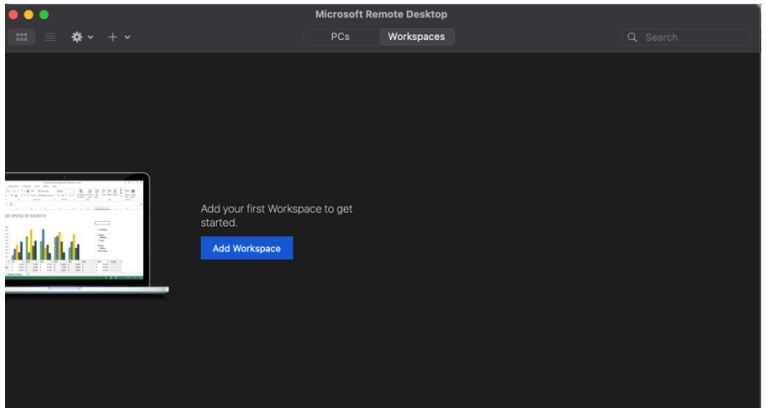
Please download the Windows Desktop App from the below link or from the App Store search for Microsoft Remote Desktop App

https://apps.apple.com/app/microsoft-remote-desktop/id1295203466?mt=12



Step 2:

Once downloaded, open the app , navigate to Workspace tab , click on ‘Add Workspace’ to add the WVD machine link



Remote Desktop Client Access on MAC

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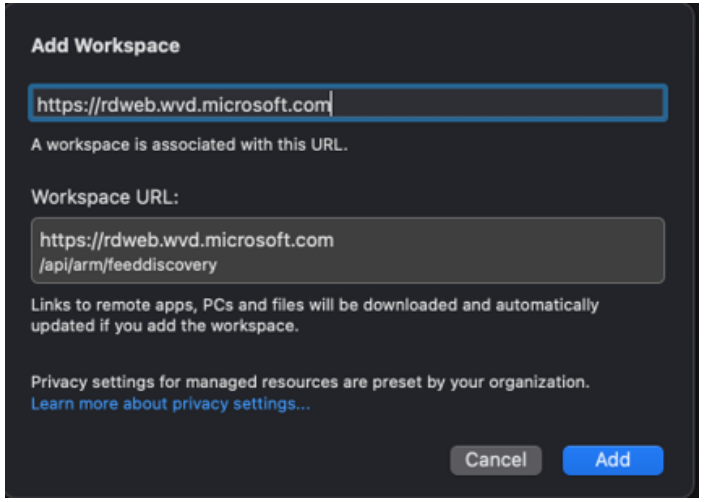
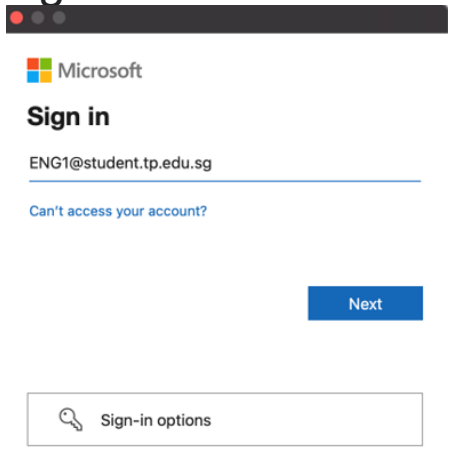
Step 3:
Add https://rdweb.wvd.microsoft.com in the workspace area and click on the ‘Add’ button.

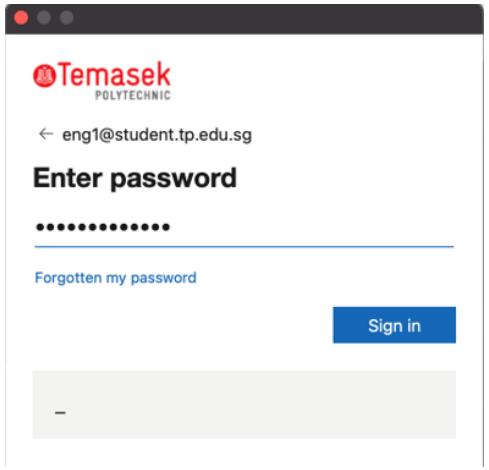


Step 4:
Enter your “@tp.edu.sg” or “@student.tp.edu.sg” username and click on the ‘Next’ Button

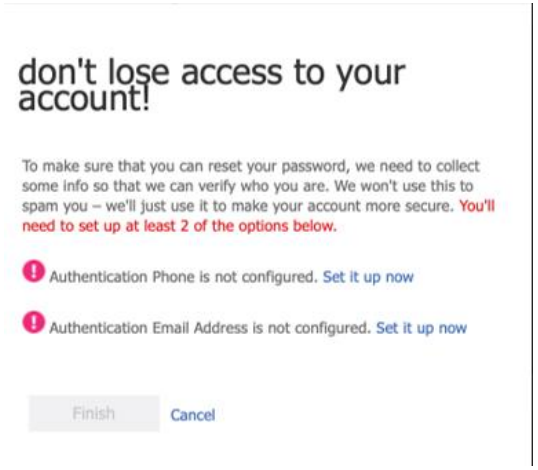


Remote Desktop Client Access on MAC

Step 5:
Enter the password and click ‘Sign in’



Step 6:
Click ‘Cancel’ to skip the authentication setup



Remote Desktop Client Access on MAC

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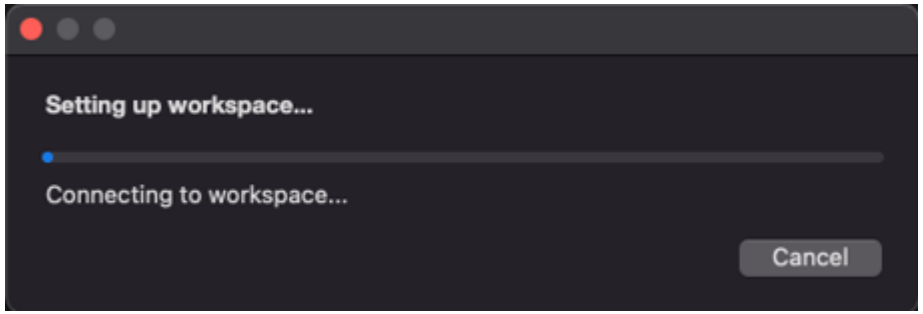
Step 7:
It will take few minutes to setting up and connecting to the workspace



Step 8:
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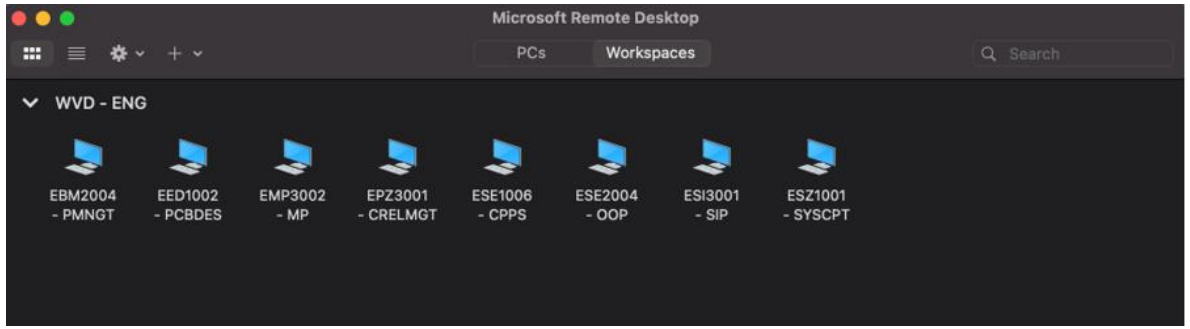
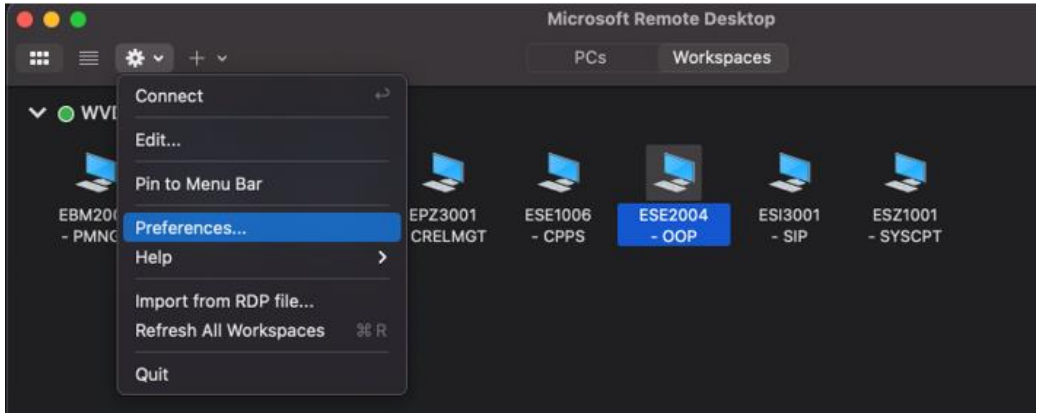
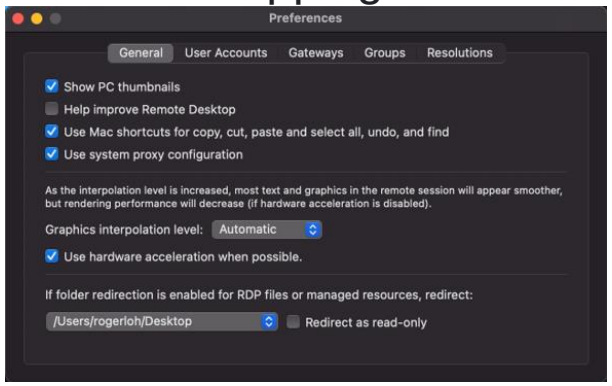


Remote Desktop Client Access on MAC

Step 9:
To enable the Local Drives redirection, click on the gear icon and select ‘Preferences…’



Step 10:
Under General Tab, Navigate to “if Folder redirection is enabled for RDP files or managed resources ,redirect:”
And select the drive or folder mapping.



Remote Desktop Client Access on MAC

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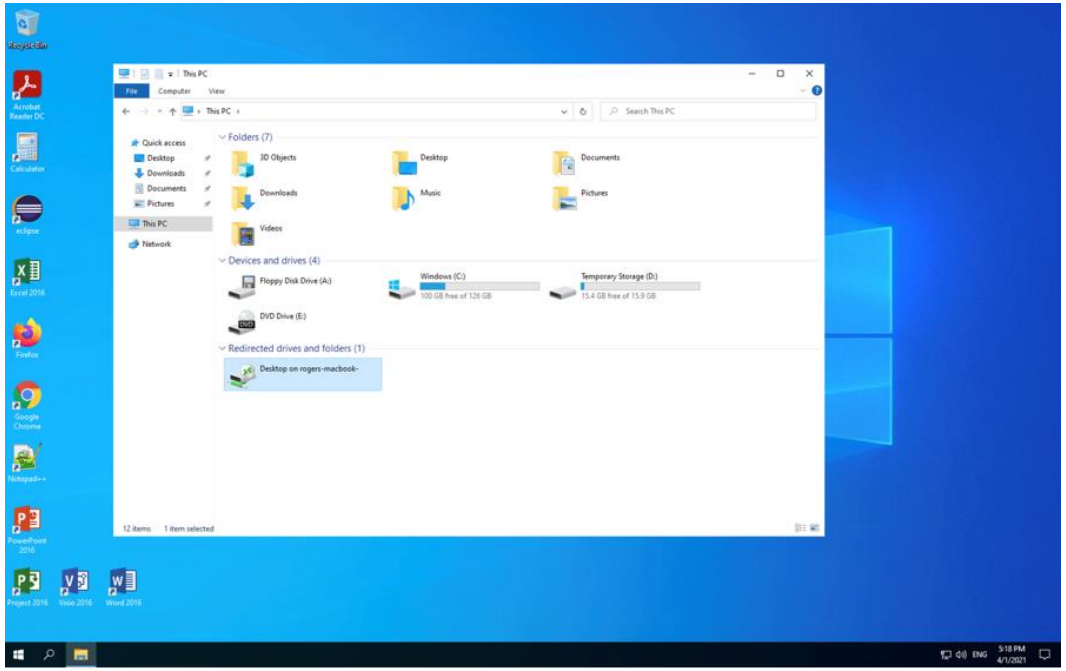
Step 11:
Double Click to launch the session host, Enter your Password.

Step 12:
You will now be logged into your Windows Virtual Desktop.



WVD Access via remote Desktop Client on IOS/IPADOS

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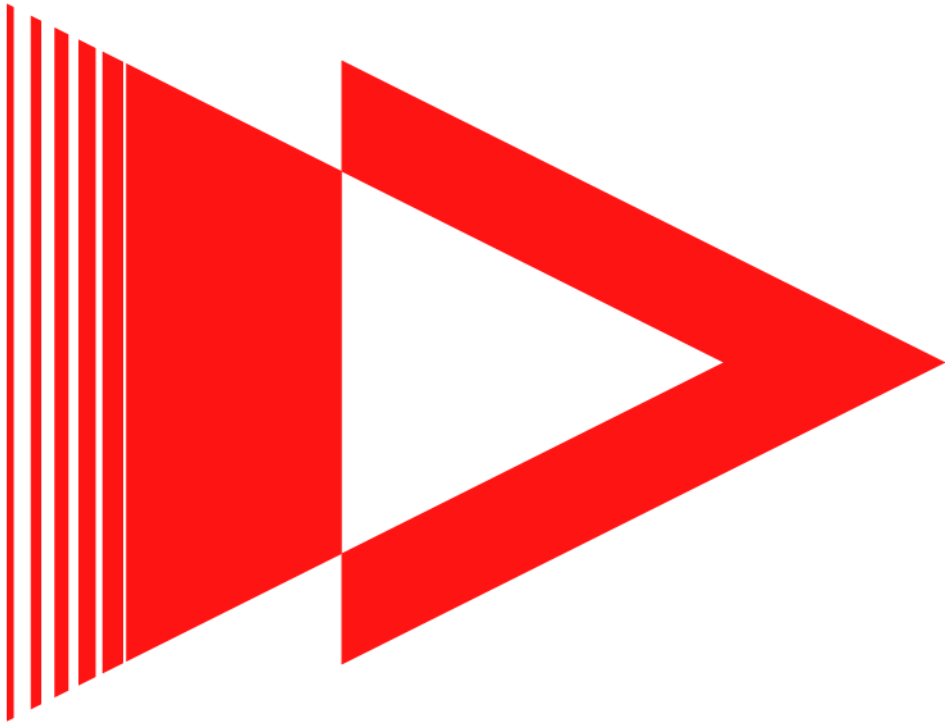
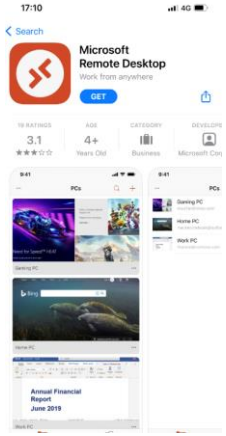


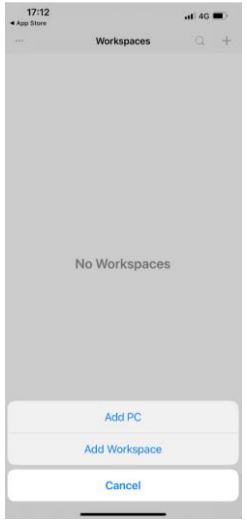
Remote Desktop Client Access on IOS / IPADOS

Step 1:
Launch App Store and Navigate to ‘Search’ Tab

Step 2:
From the Search Bar, Type in Microsoft Remote Desktop and you will see the Microsoft Remote Desktop App appear on your screen , select ‘GET’ to download and install the app

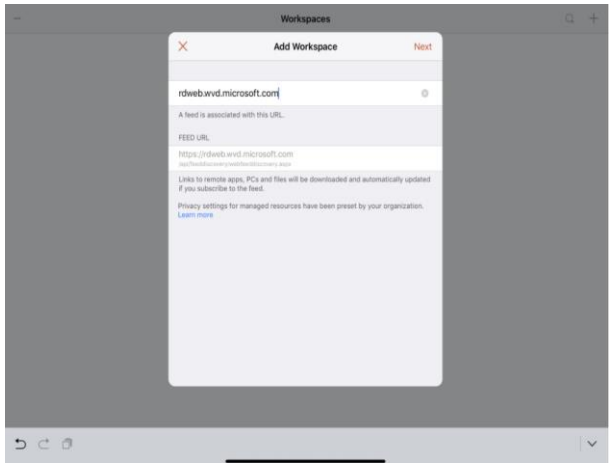


Step 3:
Once Installed completed, launch the Microsoft Remote Desktop App ,
Tap + and select Add Workspace

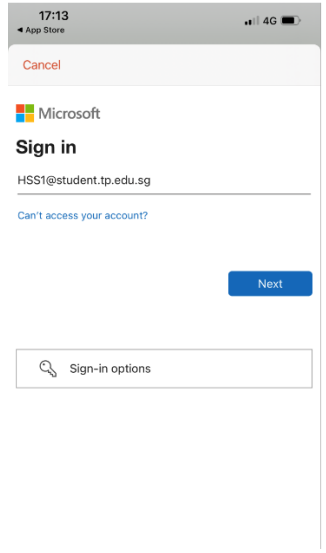


Remote Desktop Client Access on IOS / IPADOS

Step 4:
Set the workspace feed to: rdweb.wvd.microsoft.com

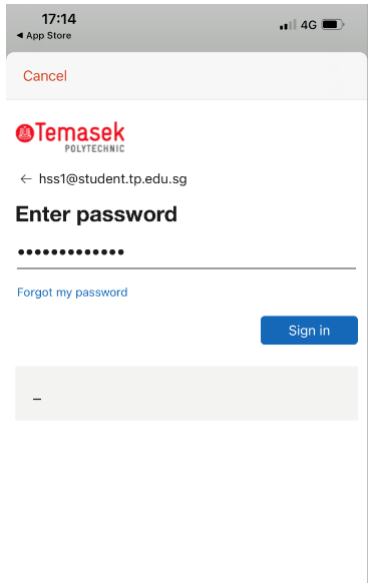


Step 5:
Enter your “@tp.edu.sg” or “@student.tp.edu.sg” username and click on the ‘Next’ Button

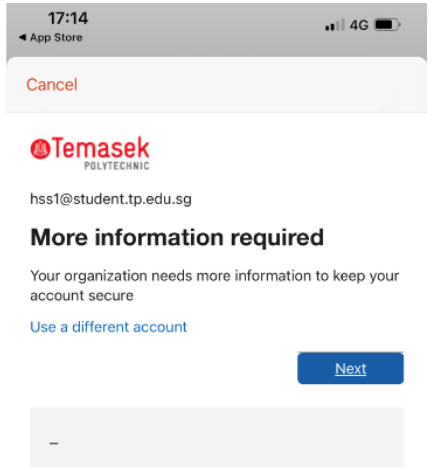


Remote Desktop Client Access on IOS / IPADOS

Step 6:
Enter the password

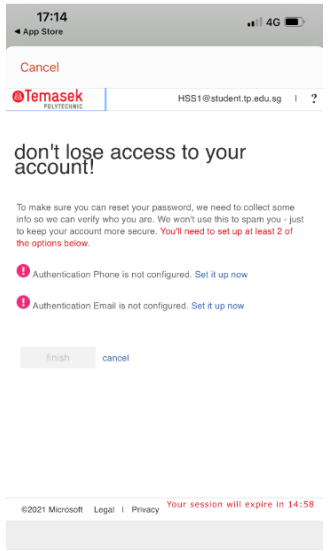


Step 7:
Click ‘Next’ on More information required

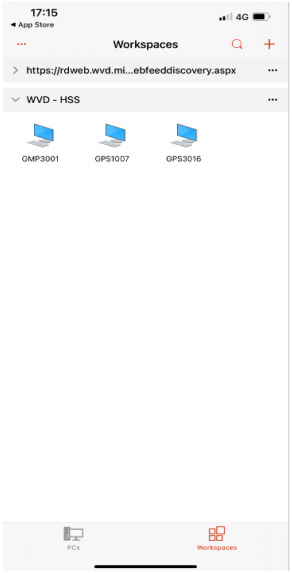


Remote Desktop Client Access on IOS / IPADOS

Step 8:
Click ‘Cancel’ to skip the authentication setup

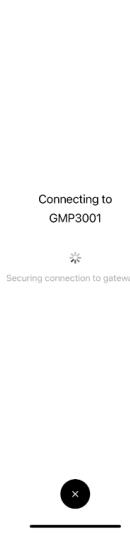


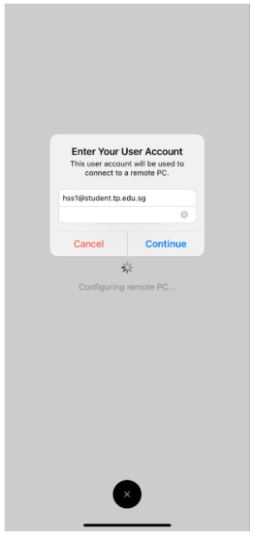
Step 9:
You will see the WVD portal



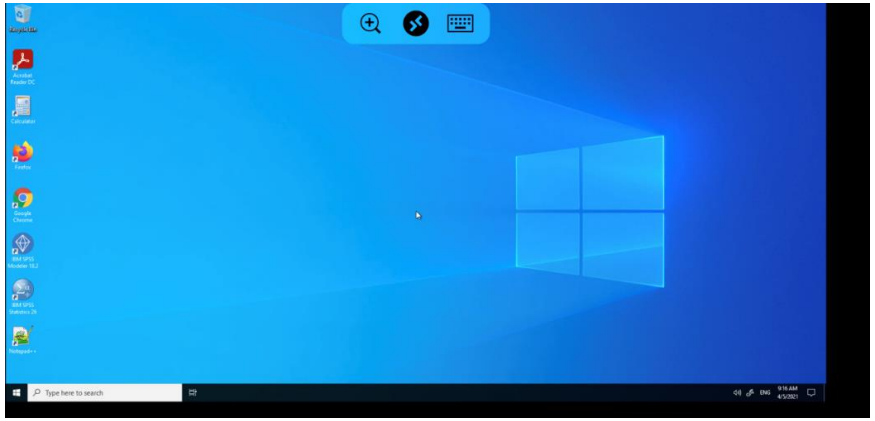
Remote Desktop Client Access on IOS / IPADOS

Step 10:
Launch the session host, and enter the password





Step 11:
You will now be logged into your Windows Virtual Desktop.



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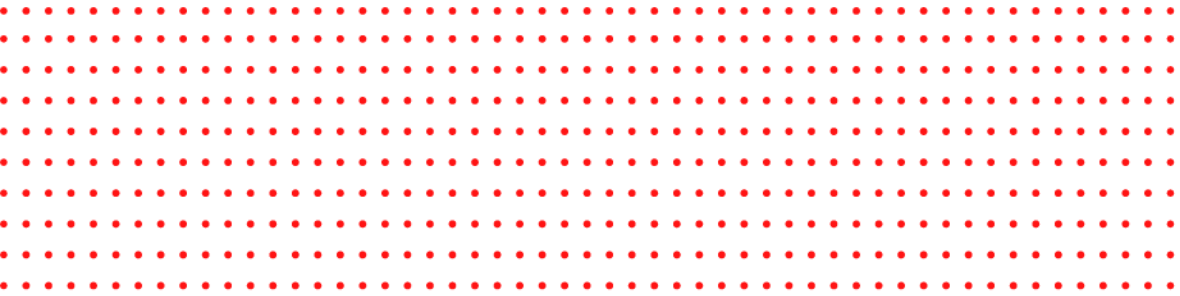
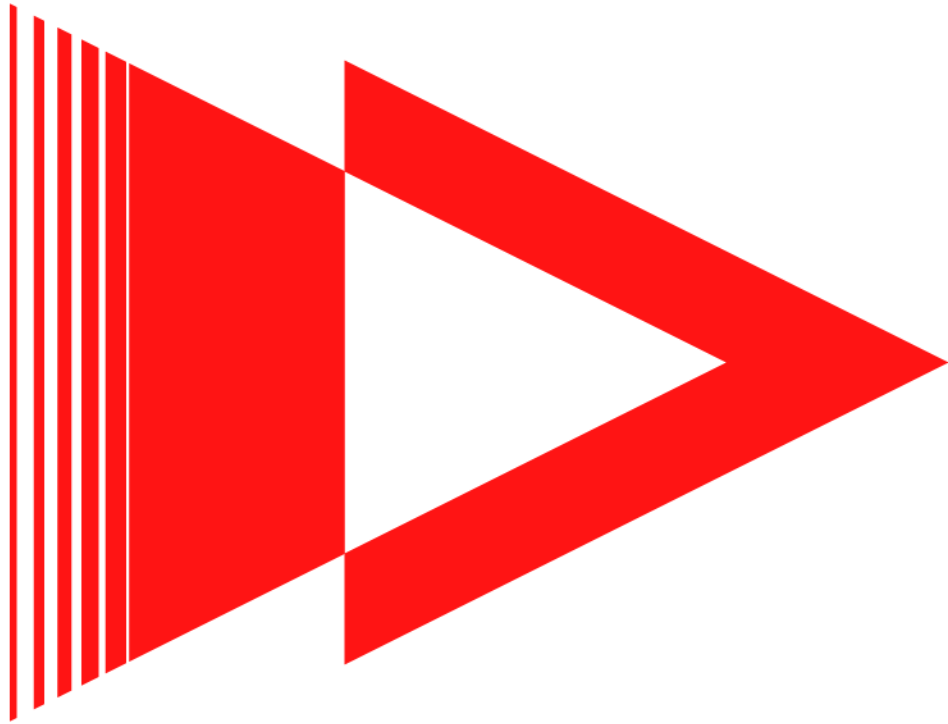
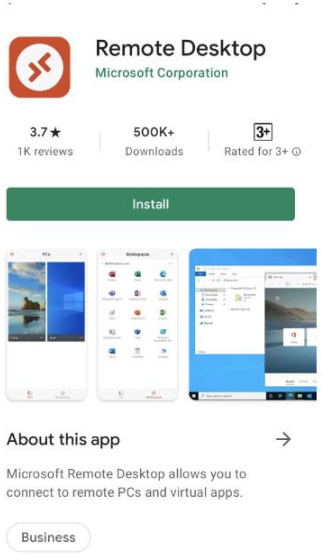
WVD Access via remote Desktop Client on Android



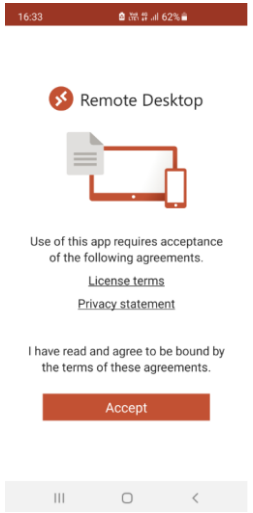


Remote Desktop Client Access on Android

Step 1:
Launch play Store and type in Microsoft Remote Desktop in the ‘Search’ Tab and select ‘Install’

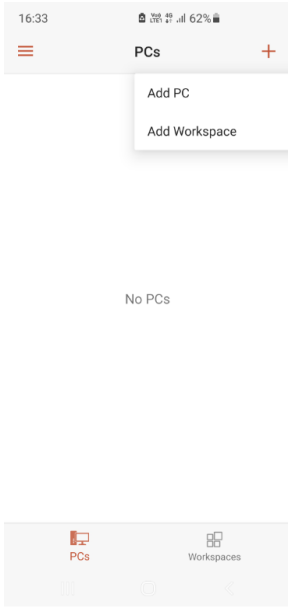


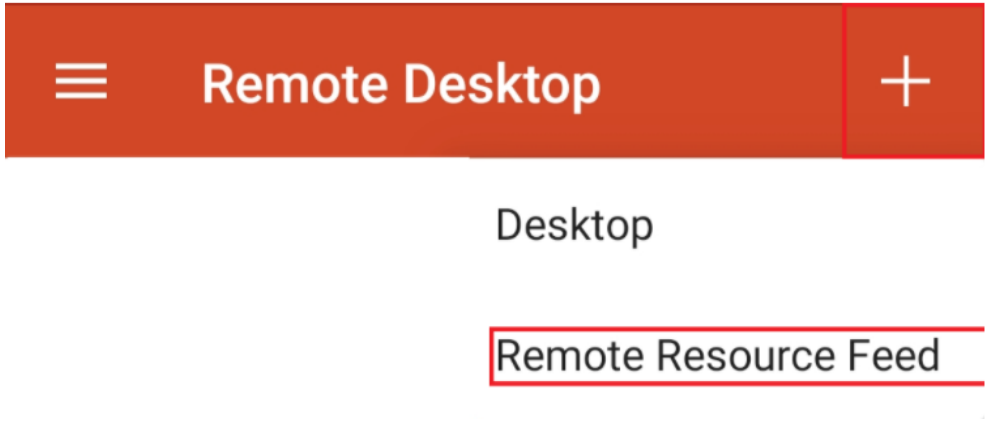
Step 2:
Once Installed completed, launch the Microsoft Remote Desktop App , Click ‘Accept’



Remote Desktop Client Access on Android

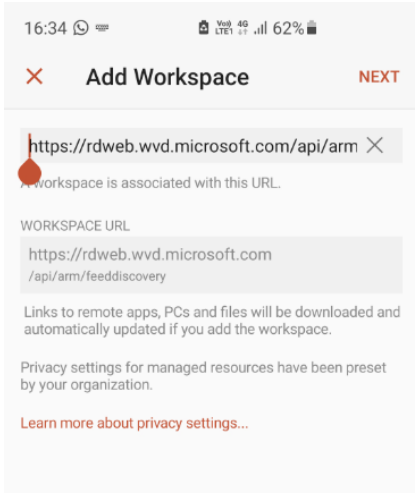
Step 3:
In the Connection Center, tap +, and then tap Remote Resource Feed.



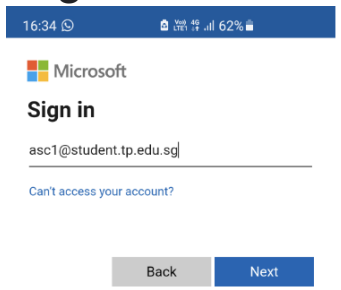


Remote Desktop Client Access on Android

Step 4:
Enter https://rdweb.wvd.microsoft.com/api/arm/feeddiscovery in the feed URL.

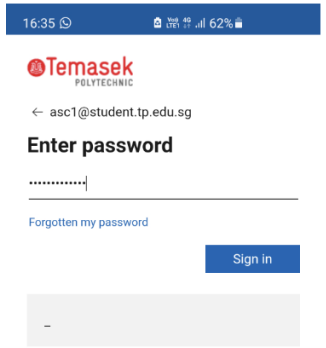


Step 5:
Enter your “@tp.edu.sg” or “@student.tp.edu.sg” username and click on the ‘Next’ Button

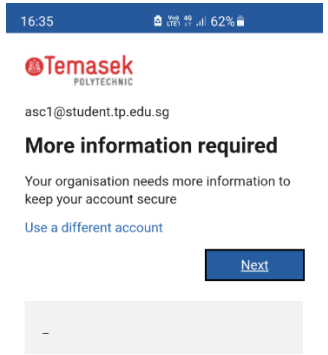


Remote Desktop Client Access on Android

Step 6:
Enter the password and click ‘Sign in’

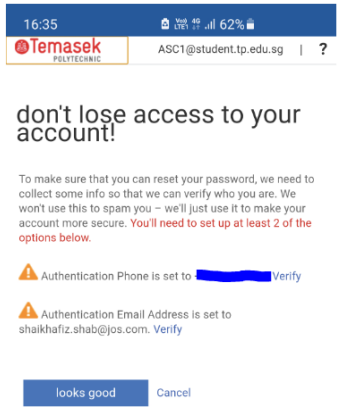


Step 7:
Click ‘Next’ on More information required

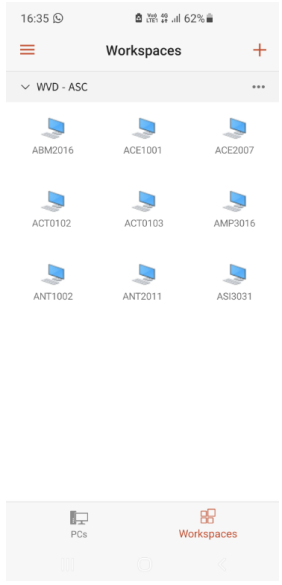


Remote Desktop Client Access on Android

Step 8:
Click ‘Cancel’ to skip the authentication setup

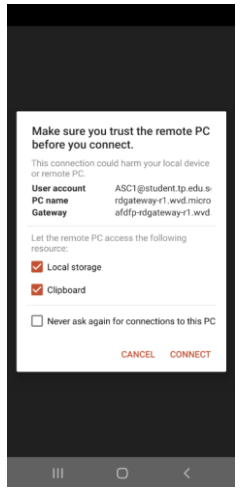


Step 9:
You will see the WVD portal. Expand the workspace (the workspace named by the school code) and you will see the session host named based by subject code that allocated

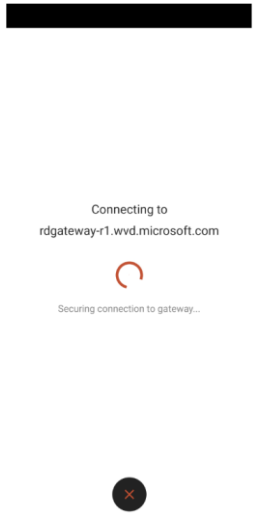


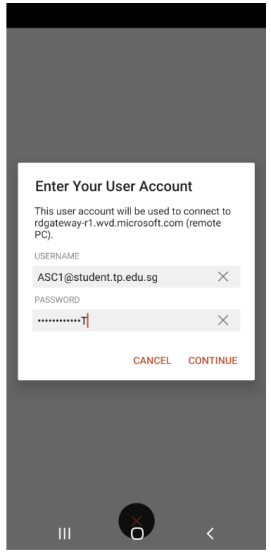
Remote Desktop Client Access on Android

Step 10:
Launch the session host and click on ‘Connect’



Step 11:
Enter your password



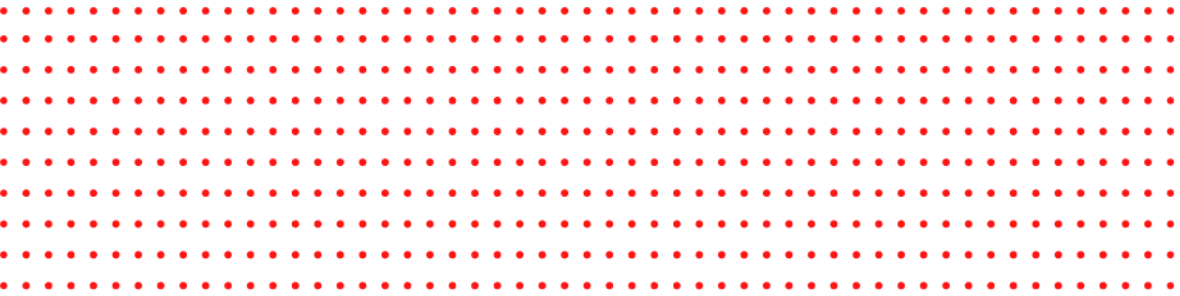


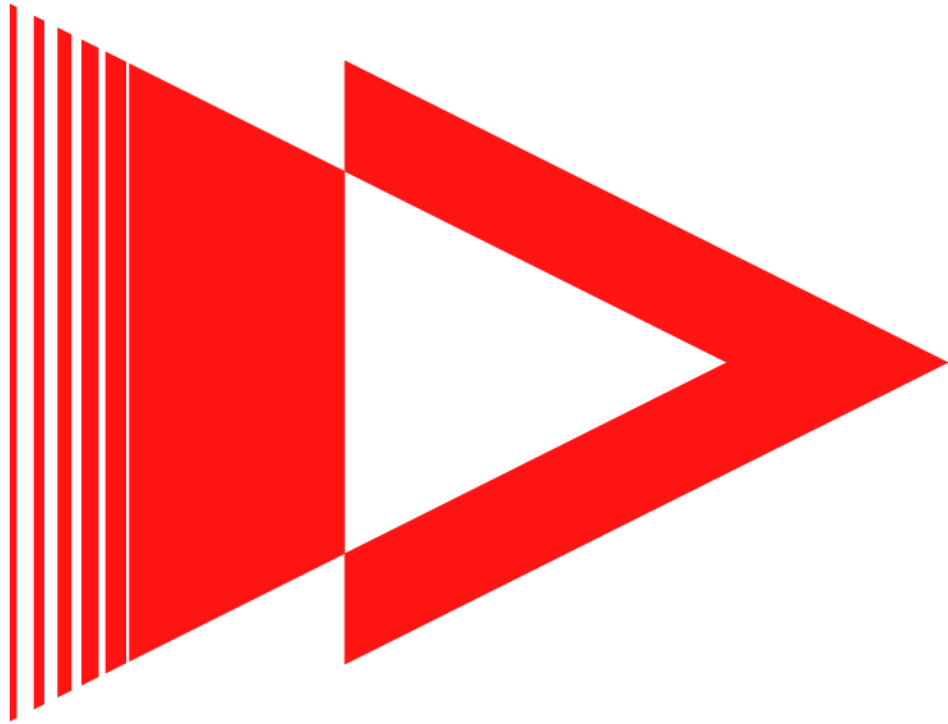
Remote Desktop Client Access on Android

Step 12:
You will now be logged into your Windows Virtual Desktop.

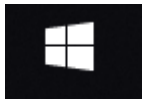
LOGICALIS
Architects of Change

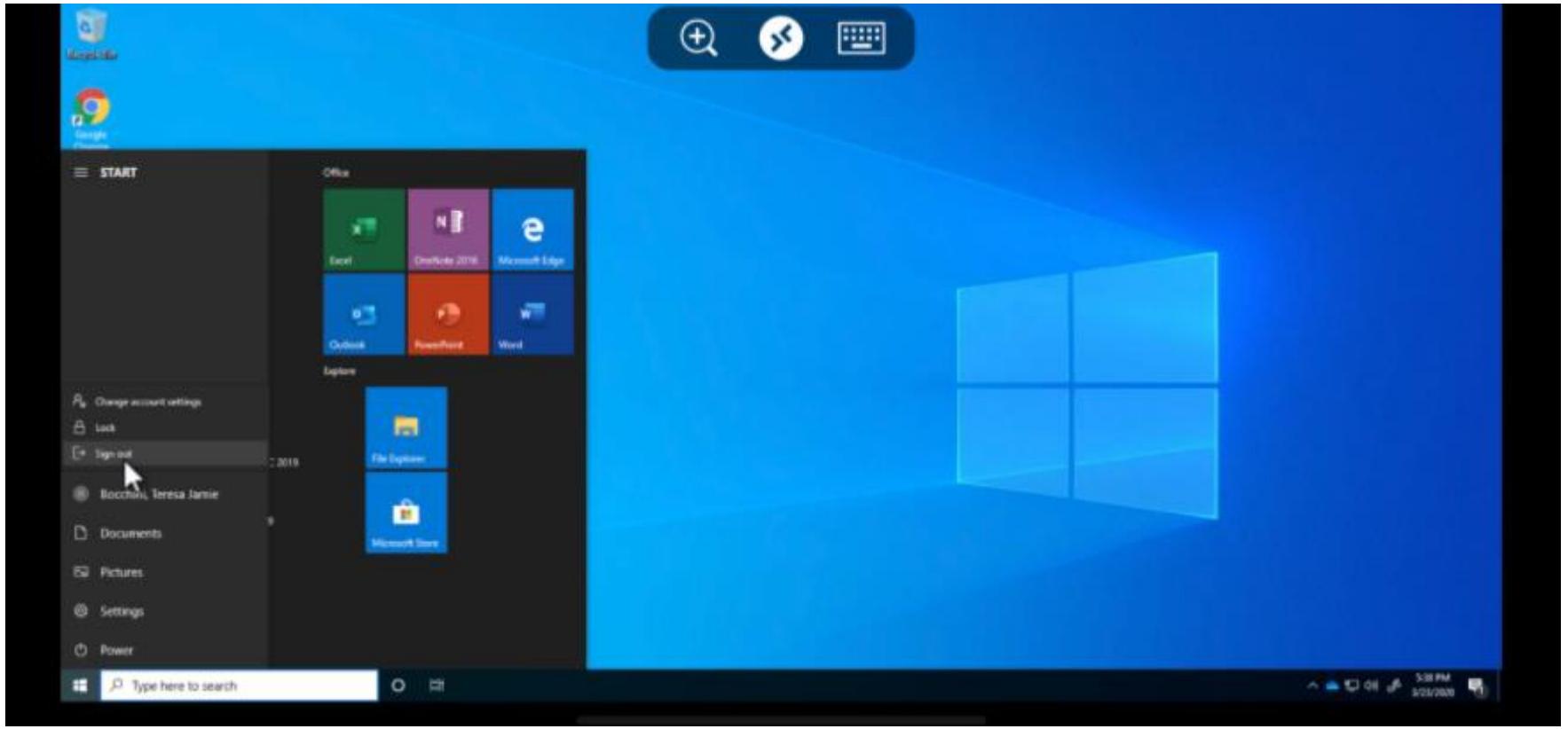
WVD session host Log Off Experience





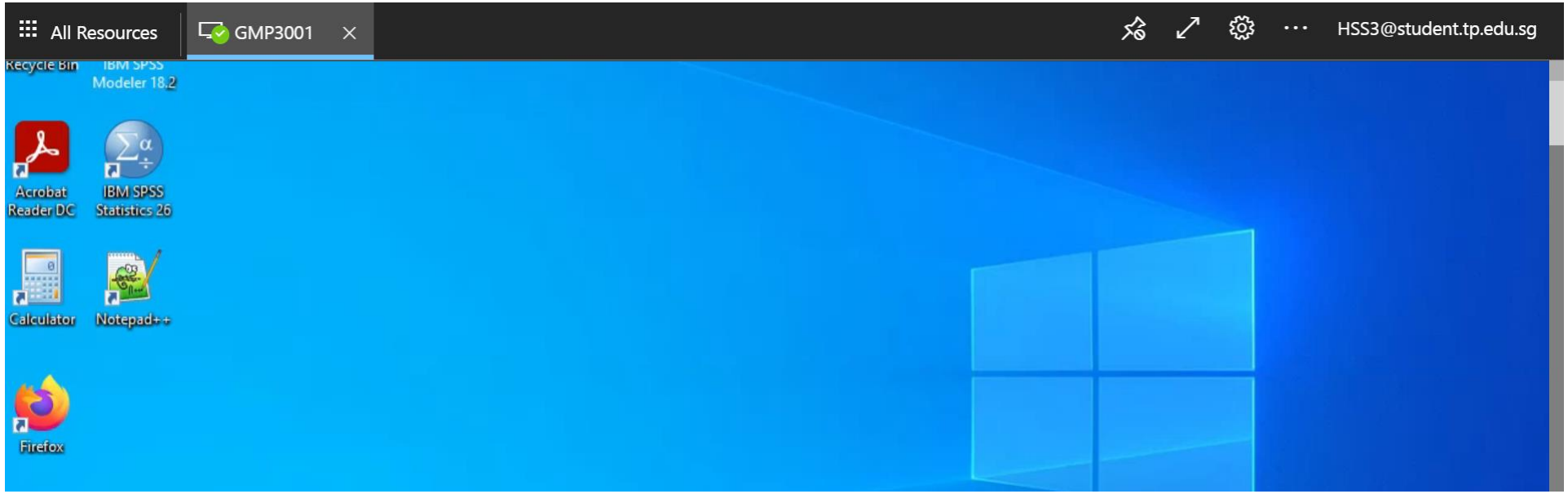
Sign Off from Virtual Remote Desktop

You can simply log off from the desktop you're connected to where you can click on the  and click ‘Sign Off’



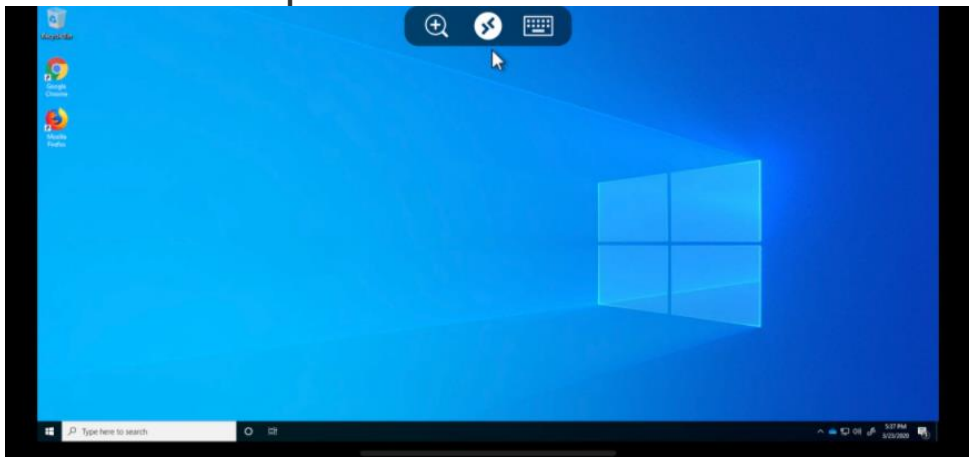
Sign Off from Virtual Remote Desktop (Browser)

You can also simply log off from the desktop you're connected by clicking the ‘X’ button.

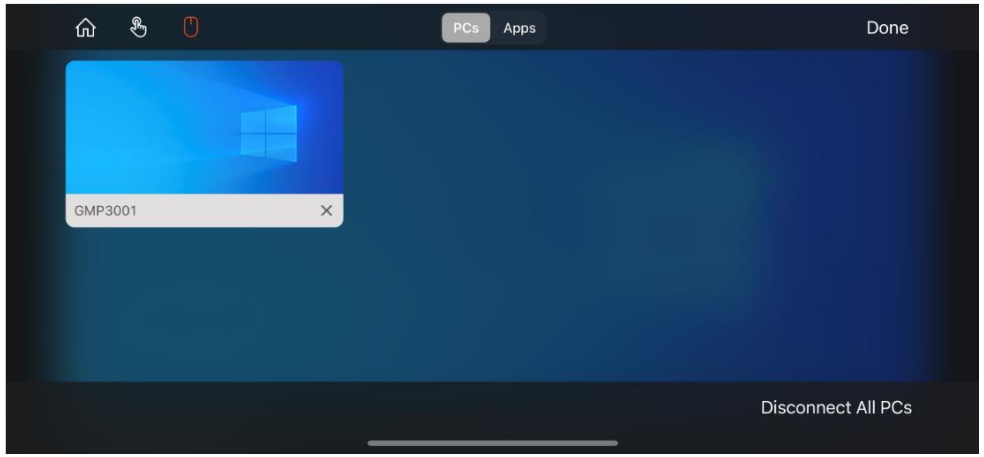


Disconnect from Virtual Remote Desktop (IOS/IPADOS)

Step 1:
Click on the middle button at the top of the screen

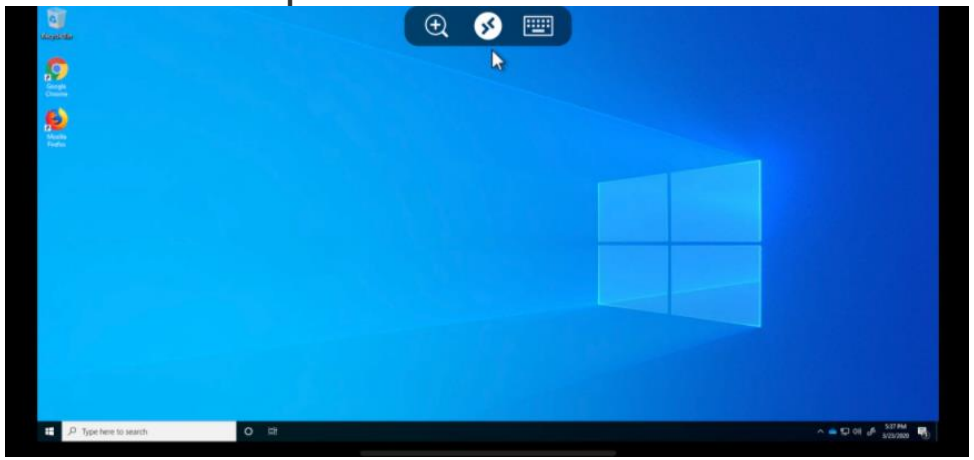


Step 2: Click the "X" for the desktop you'd like to close or click ‘Disconnect All PCs’ from the button right



Disconnect from Virtual Remote Desktop (Android)

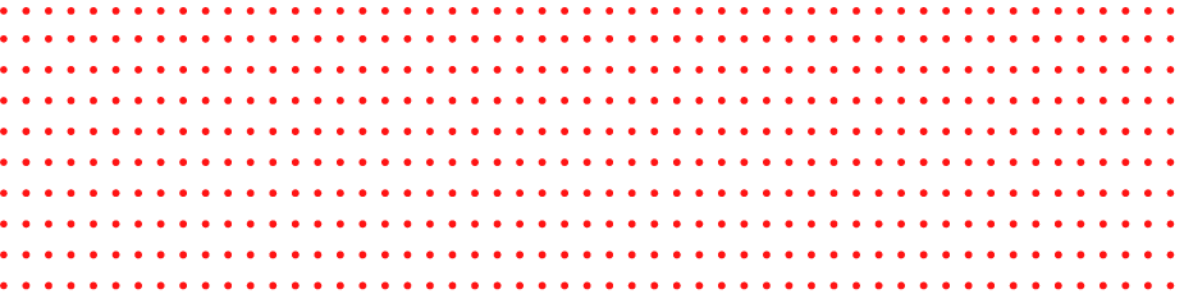
Step 1:
Click on the middle button at the top of the screen

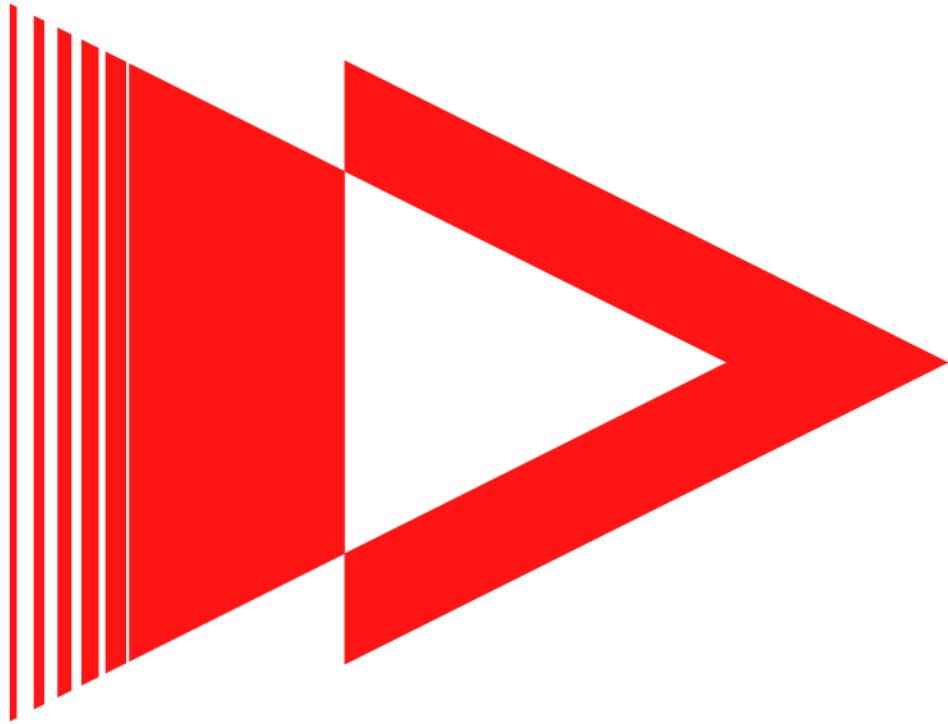


Step 2: Click the "X" for the desktop you'd like to close.

LOGICALIS
Architects of Change

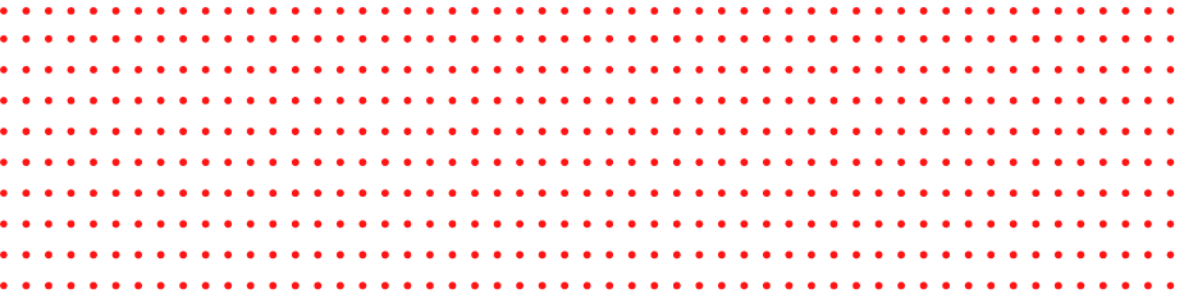
Demo

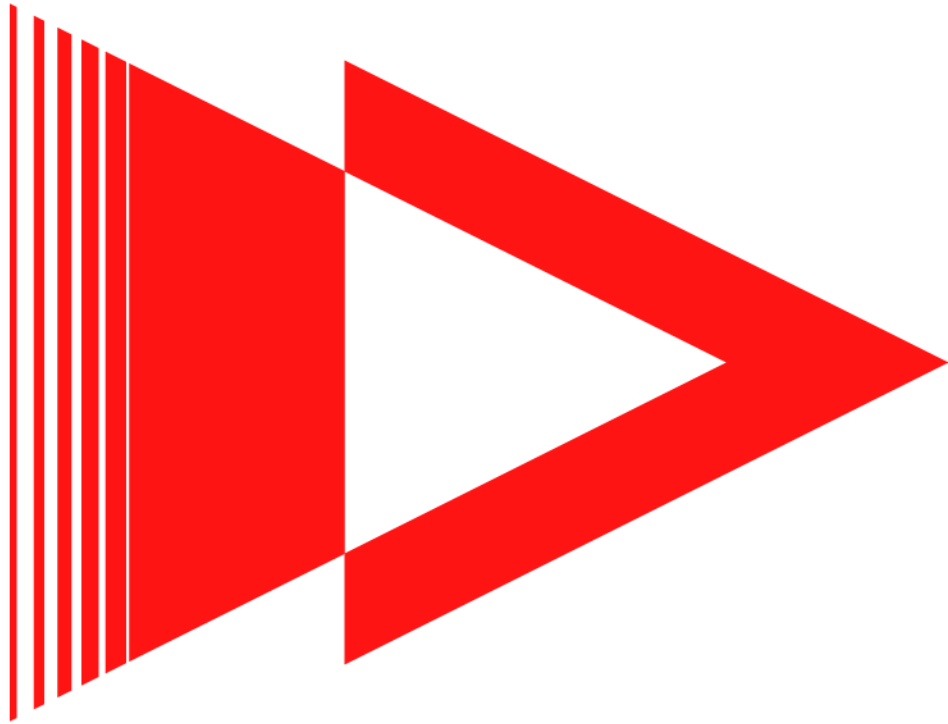




LOGICALIS
Architects of Change

Local Drive Redirection





LOGICALIS
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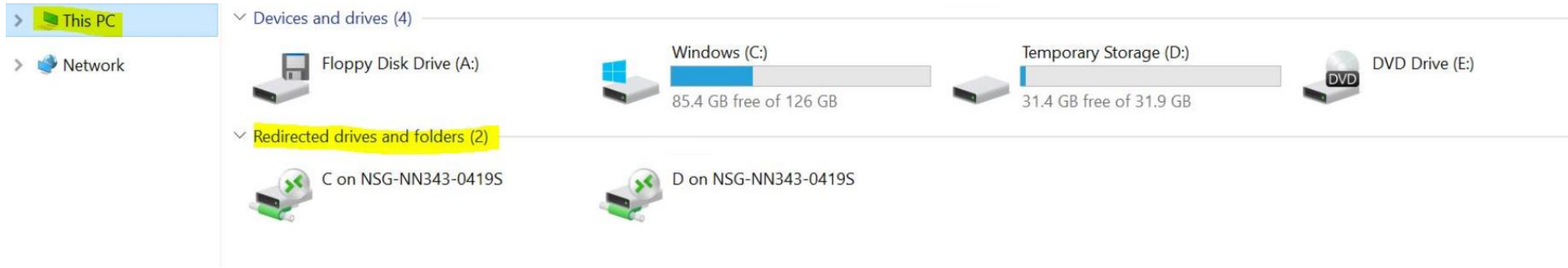
Local Drive Redirection

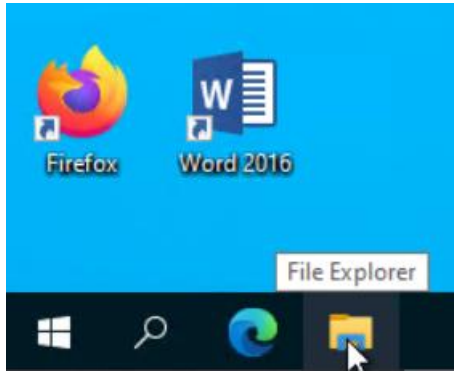
- WVD is the non-persistent environment
- Do not store any saved files and hardcoded application configuration within the WVD session host
- With the client drive redirection feature, you can share folders and drives on the local client system with remote desktops
- Drives redirection can include local mapped drives and USB storage devices.

Screen shot of Drive redirection:

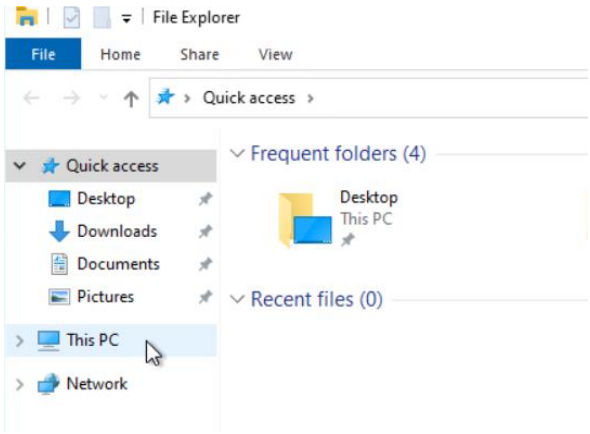


Save File to Local Redirected Drive

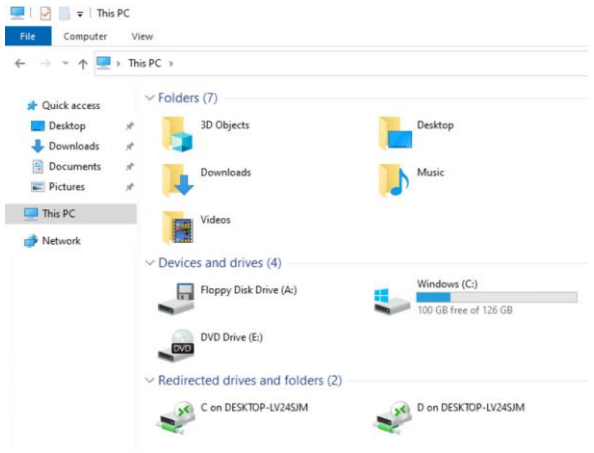
Step 1:
From the session host that you are connected now,
Click on the file explorer icon as shown in the taskbar



Step 2:
Click on “This PC”

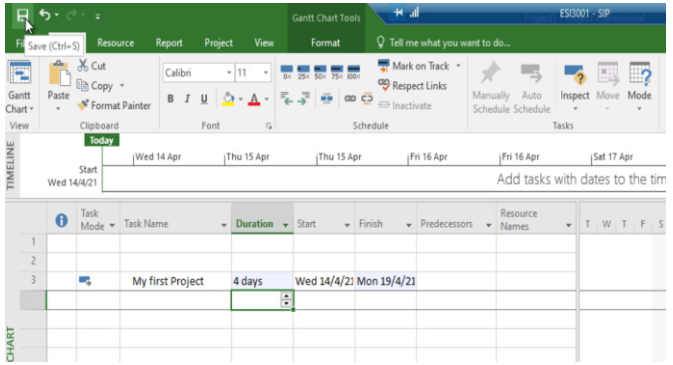


Step 3:
You will now see the redirected drive from your notebook.
this is usually named as “C on <Your local device name>”.
As shown in this example two drives are redirected.

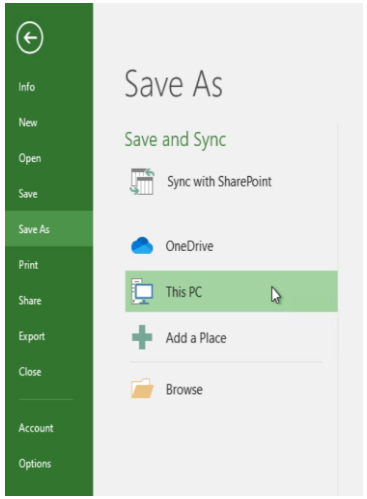


Save File to Local Redirected Drive

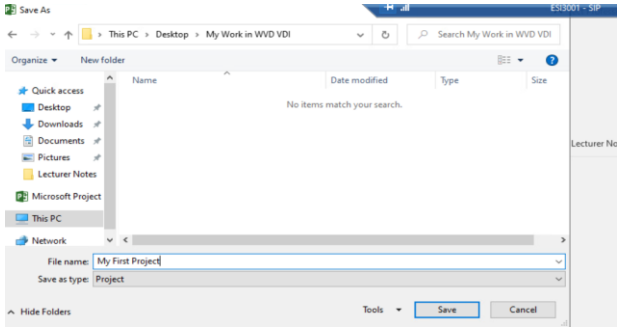
Step 4:
In this example is to show how to save the project work by clicking on the save button.



Step 5:
If prompted, click on “This PC”

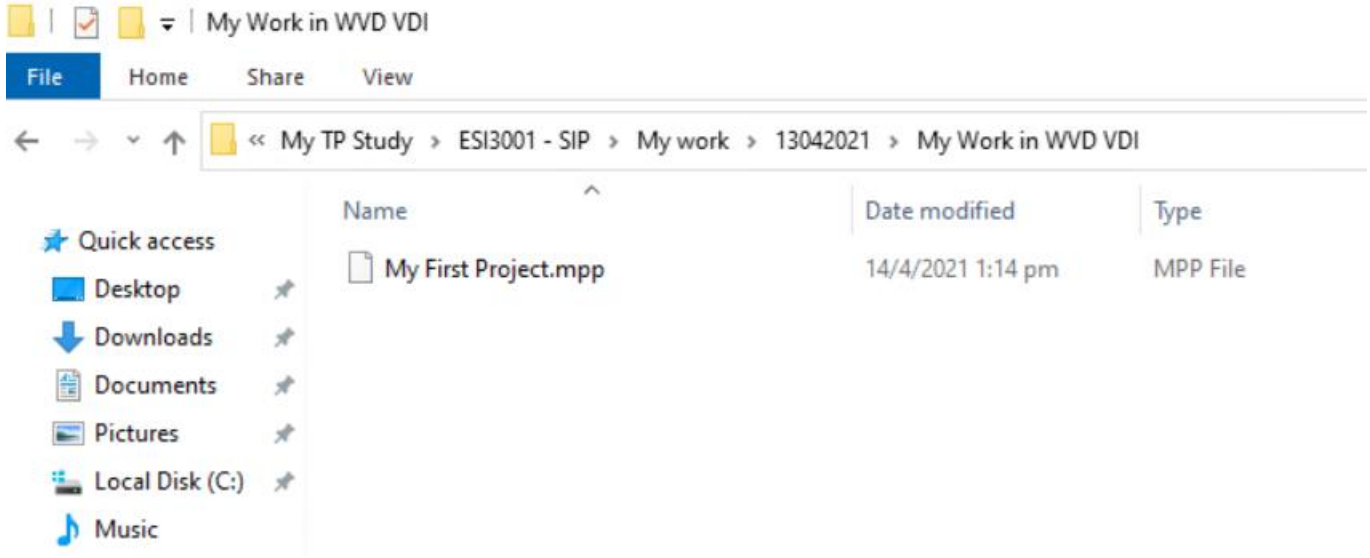


Step 6:
Select the redirected drive and in this case to save
Into “C on <Your local device name>” and click “Save”



Save File to Local Redirected Drive

Step 7:
To verify that the project file is successful save into your C Local drive, now go back to your machines and open your C Drive and you will be able to see the file successful save into your C Drive from the WVD.



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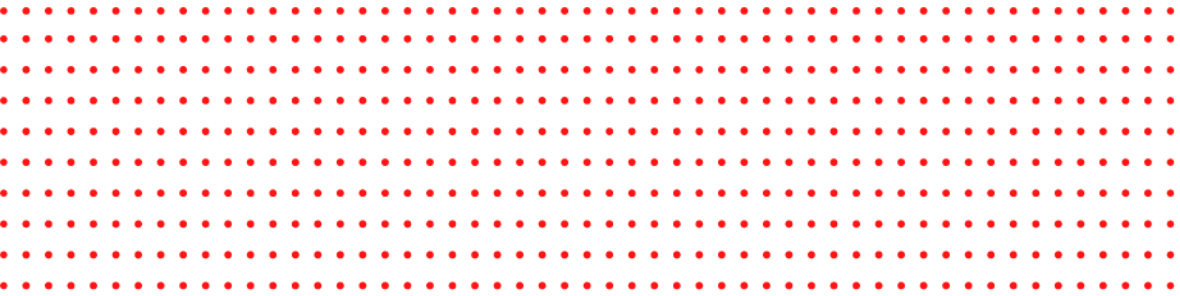
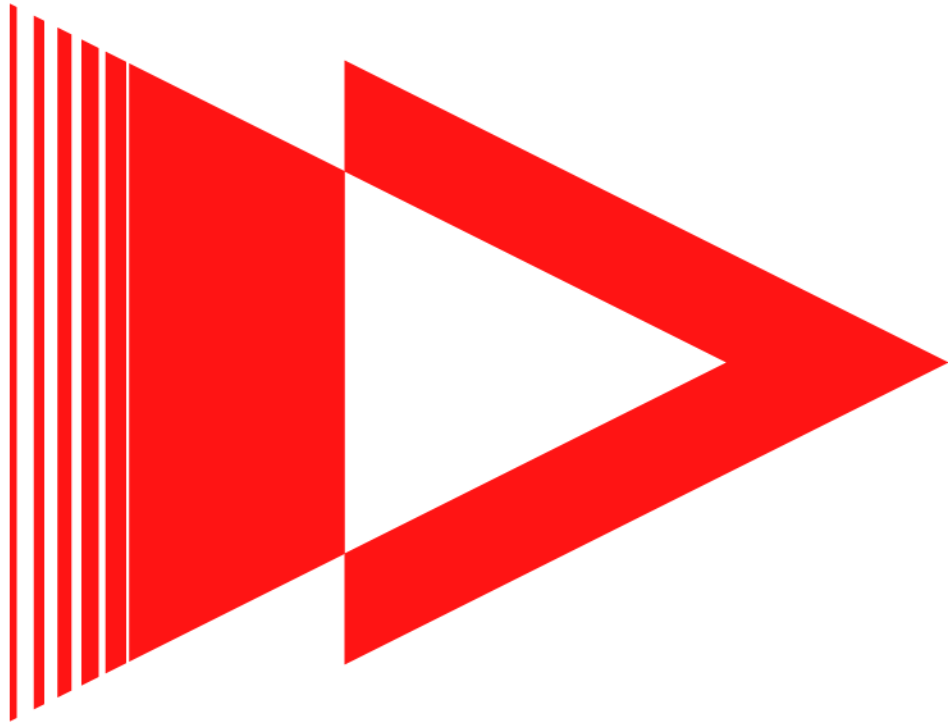
Frequently Asked Questions





Frequently Asked Questions

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Question	Answer
I already have @tp.edu.sg or @student.tp.edu.sg credentials. However, I cannot log in to my WVD. What can I do?	Please try changing your password using the link below https://account.activedirectory.windowsazure.com/ChangePassword.aspx?BrandContextID=O365&ruO365=https%3a%2f%2fportal.office.com%2fEditProfile15.aspx
I am having trouble with my browser, and it is not letting me change my password or sign into the WVD portal. What do I do?	Please delete your internet browser's history, cache and data. If you do not know how to that, you will be able to access the web pages you are having difficulties with by using the private browsing mode from within your web browser to access the URLs.
I'm still having issues logging in, what do I do?	please contact the helpdesk number or alternatively send an email to support for assistance.
After resetting my password / activating my new account, I am trying to log into my WVD on my regular browser, but I cannot log in. Why am I not able to log in?	Please clear your cookies/cache/temp files on your browser, if not please use private / Incognito browser.

Frequently Asked Questions

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Question	Answer
I can't Get Multiple Screens working for my WVD when using the browser?	Unfortunately, multiple screens are not supported in browser mode, but the remote desktop app fully supports multi-screens.
I am having trouble to launch the session host and it throw me the error. What do I do?	please contact the helpdesk number or alternatively send an email to support for assistance.
All my save data is lost after I re-login to my WVD. What should I do?	The new WVD platform is not for personal virtual desktop thus please do upload the saved data to either One drive which the URL is https://onedrive.live.com/about/en-us/signin/ or alternatively saved into the user local drive in the WVD before log off the WVD.
I want to save my data in my local drive in my WVD but cannot locate it. What do I do?	Please make sure install the remote desktop app with 64-bits. For MAC, you require to enable by additional step where you can refer to the user guide under section "WVD Access via remote Desktop Client on MAC".
I encounter the issue to access the applications in my WVD. What should I do?	please contact the helpdesk number or alternatively send an email to support for assistance.

Frequently Asked Questions

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Question	Answer
What is the temporary storage in my WVD?	Temporary storage is the drive that mainly reserve for the system. Please do not store any data and files in the drive.

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