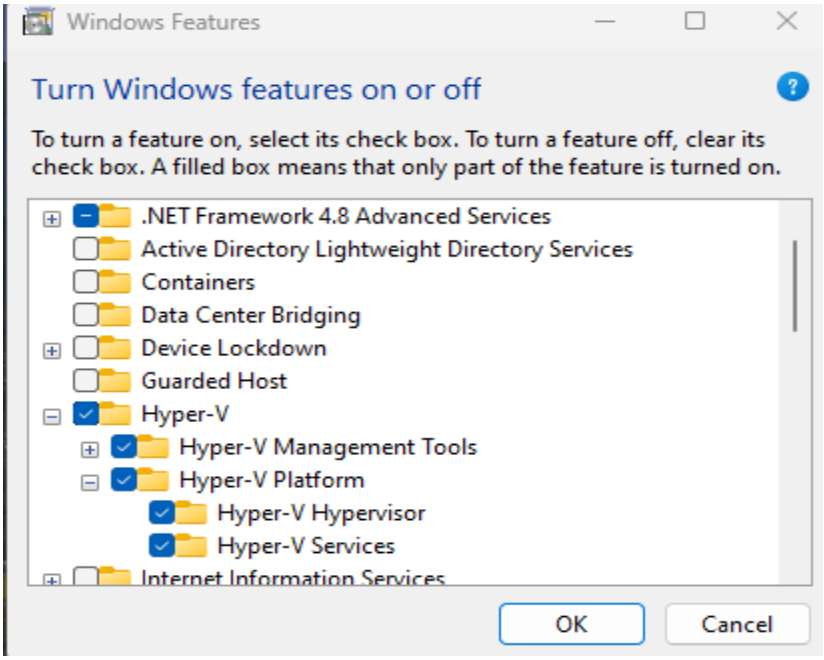
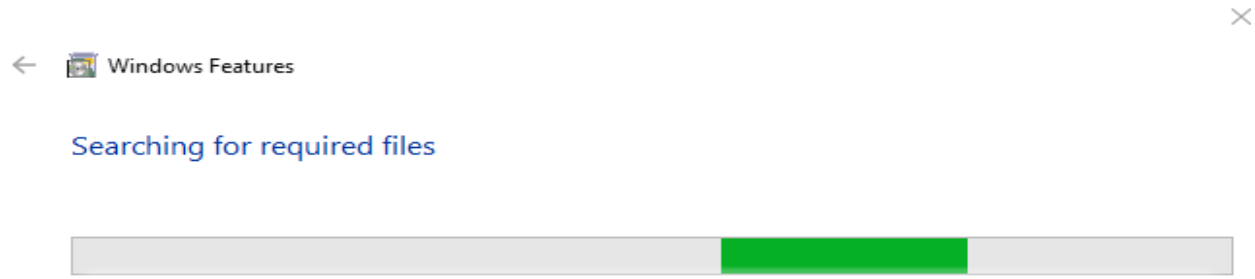
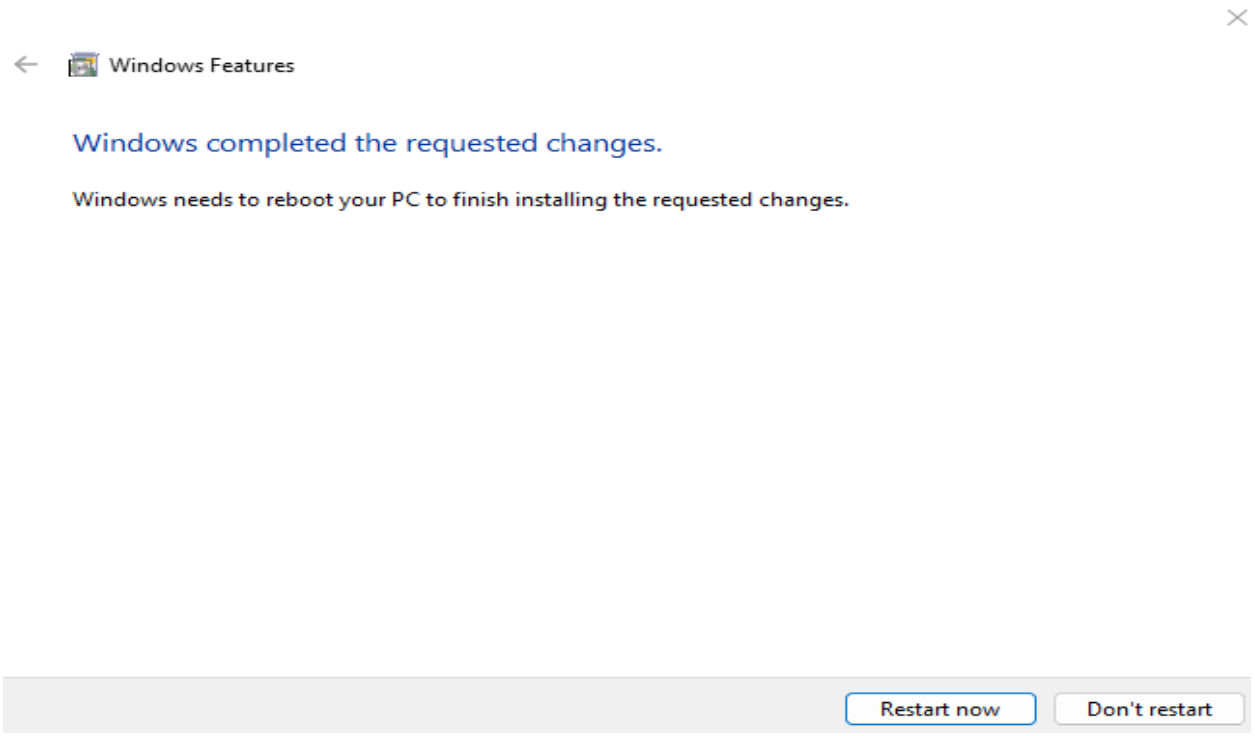
# Testing Windows 11 23H2 Preview Release with Co-pilot

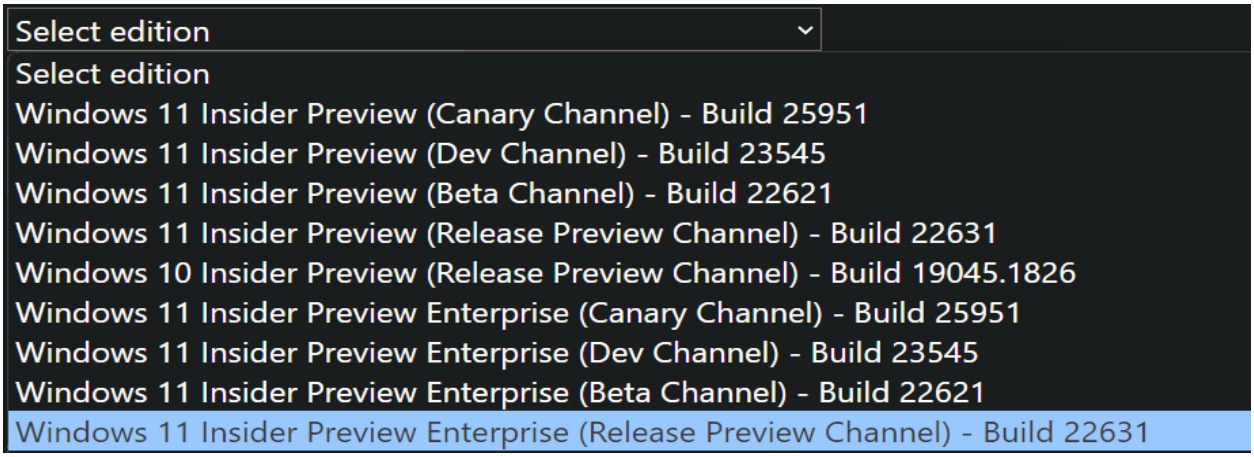
In this post, I am going to enable Hyper-V feature on Windows 11 Pro, create a VM and install Win 11 23H2.

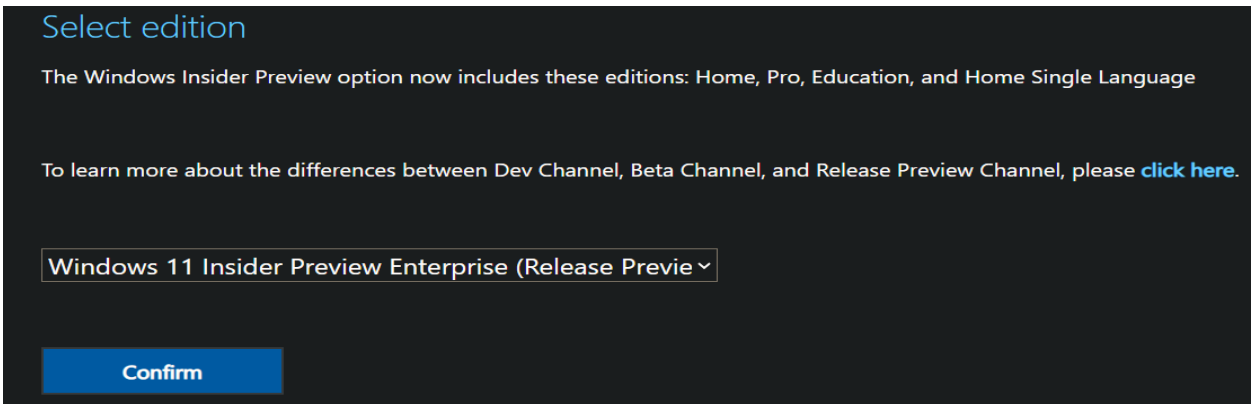


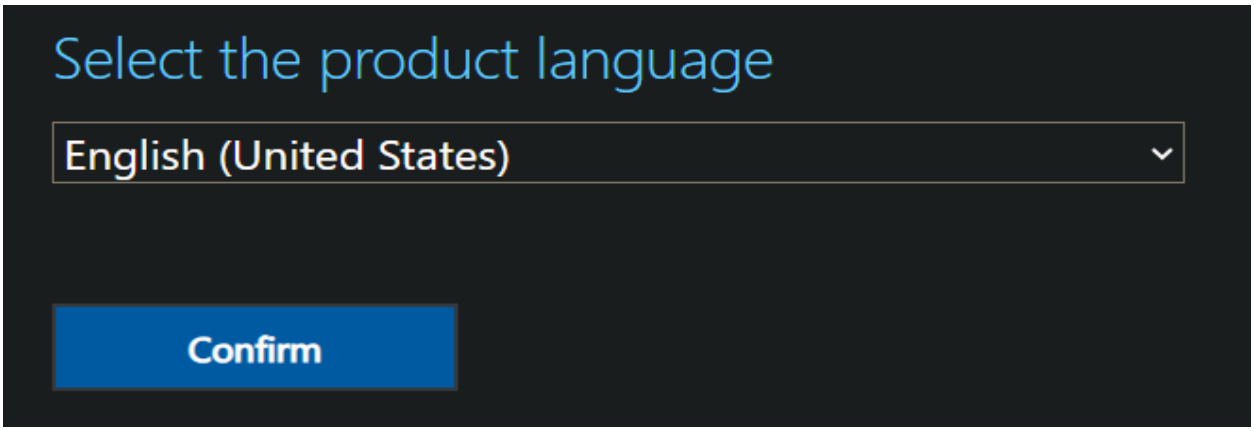



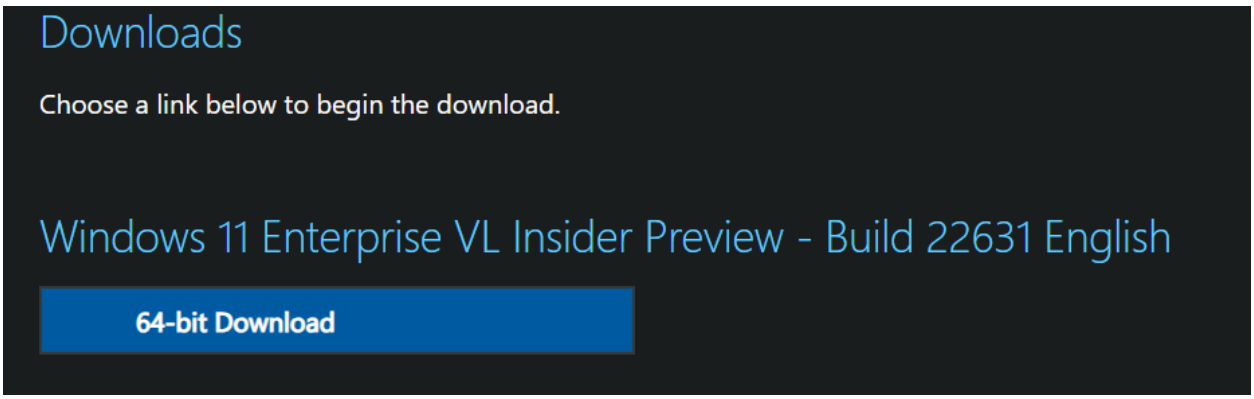



I was able to download preview version from here - [https://www.microsoft.com/en-us/software-download/windowsinsiderpreviewiso](https://www.microsoft.com/en-us/software-download/windowsinsiderpreviewiso)

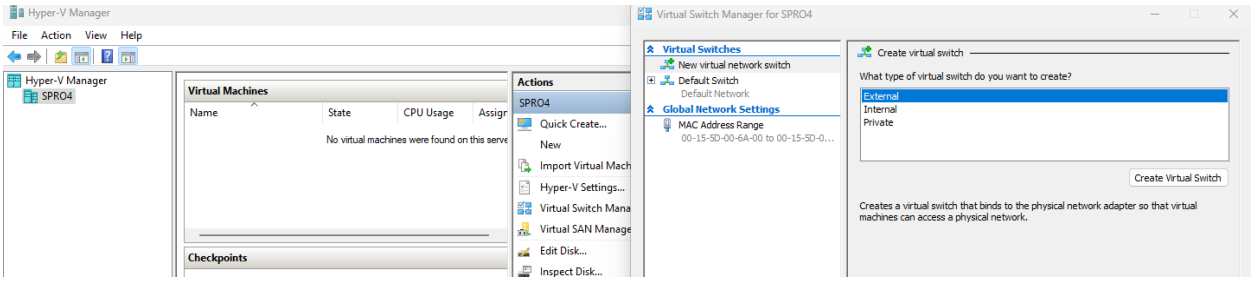


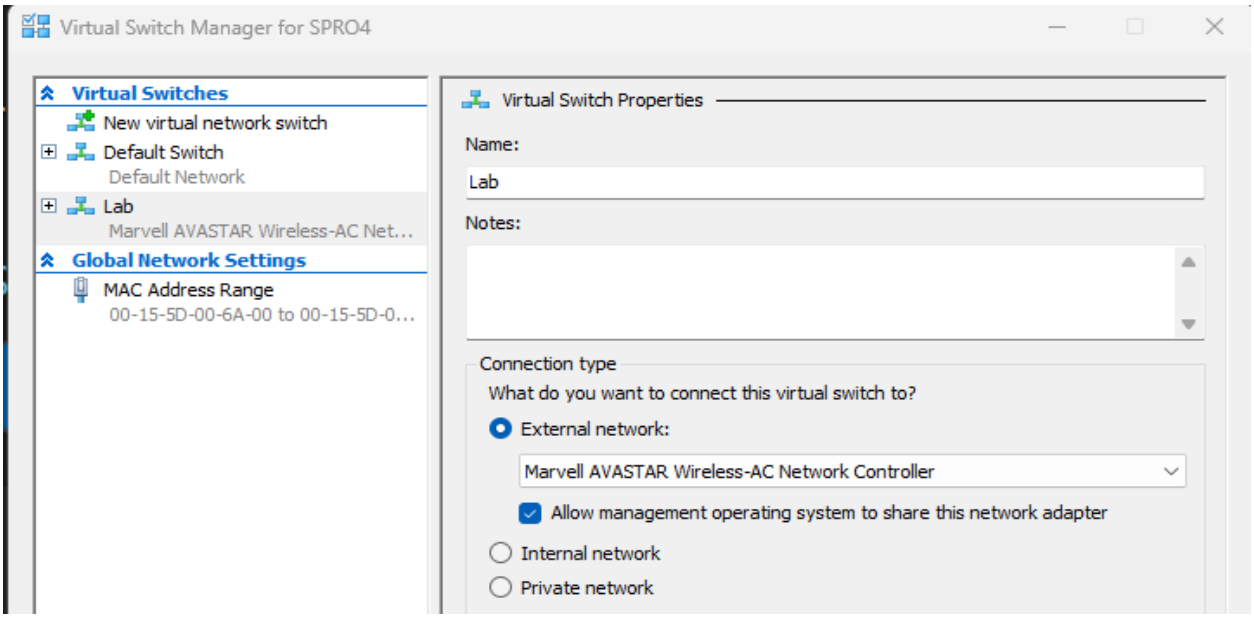



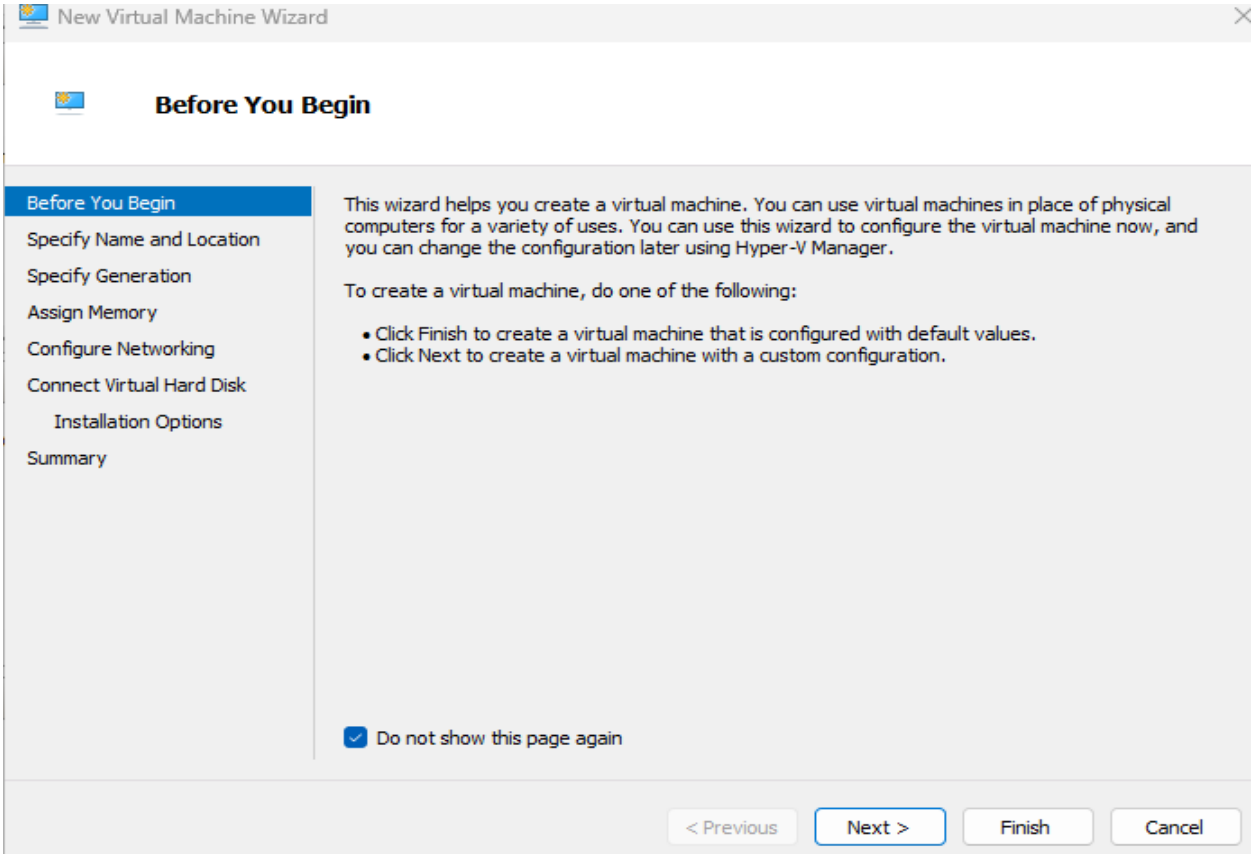



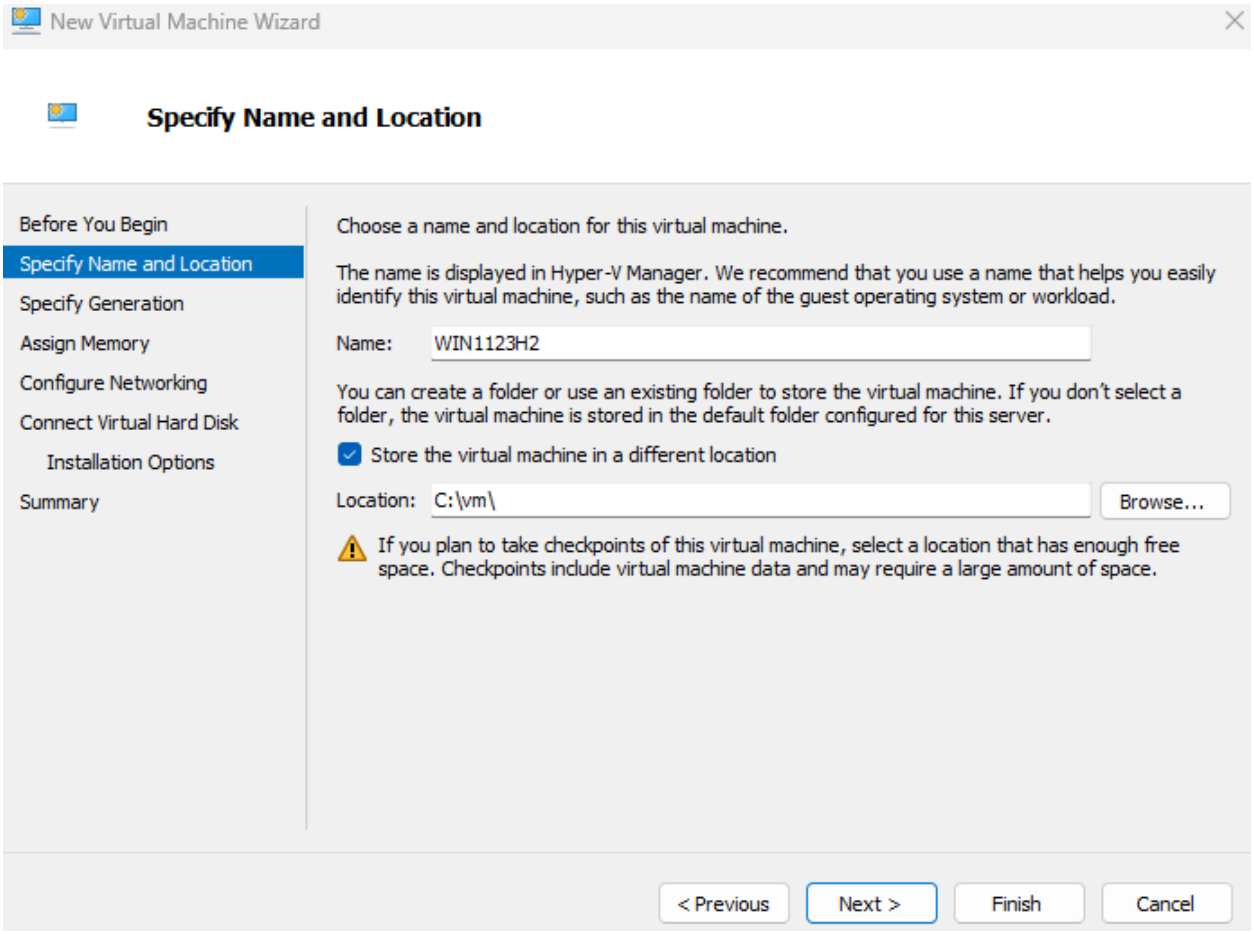
Create virtual switch

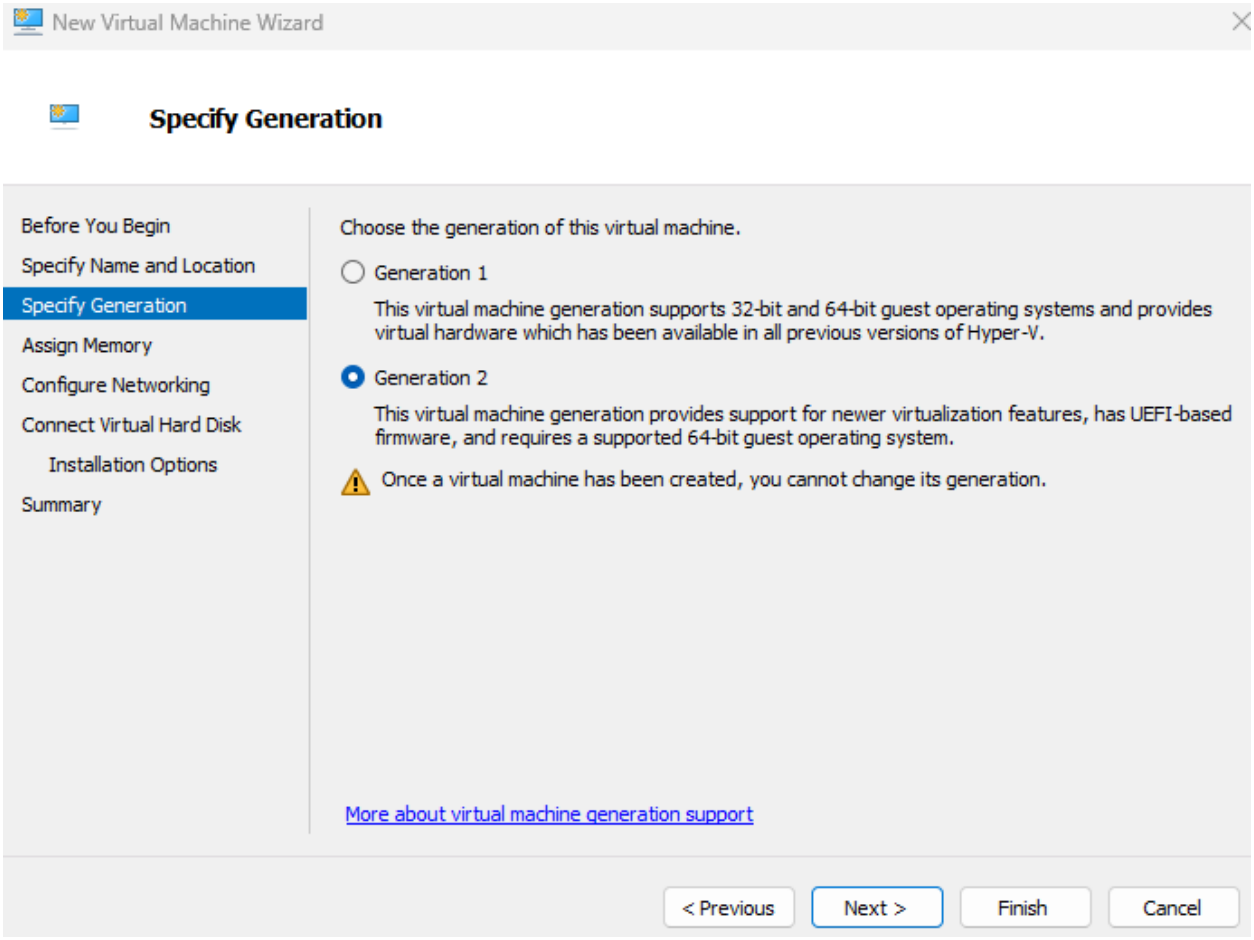


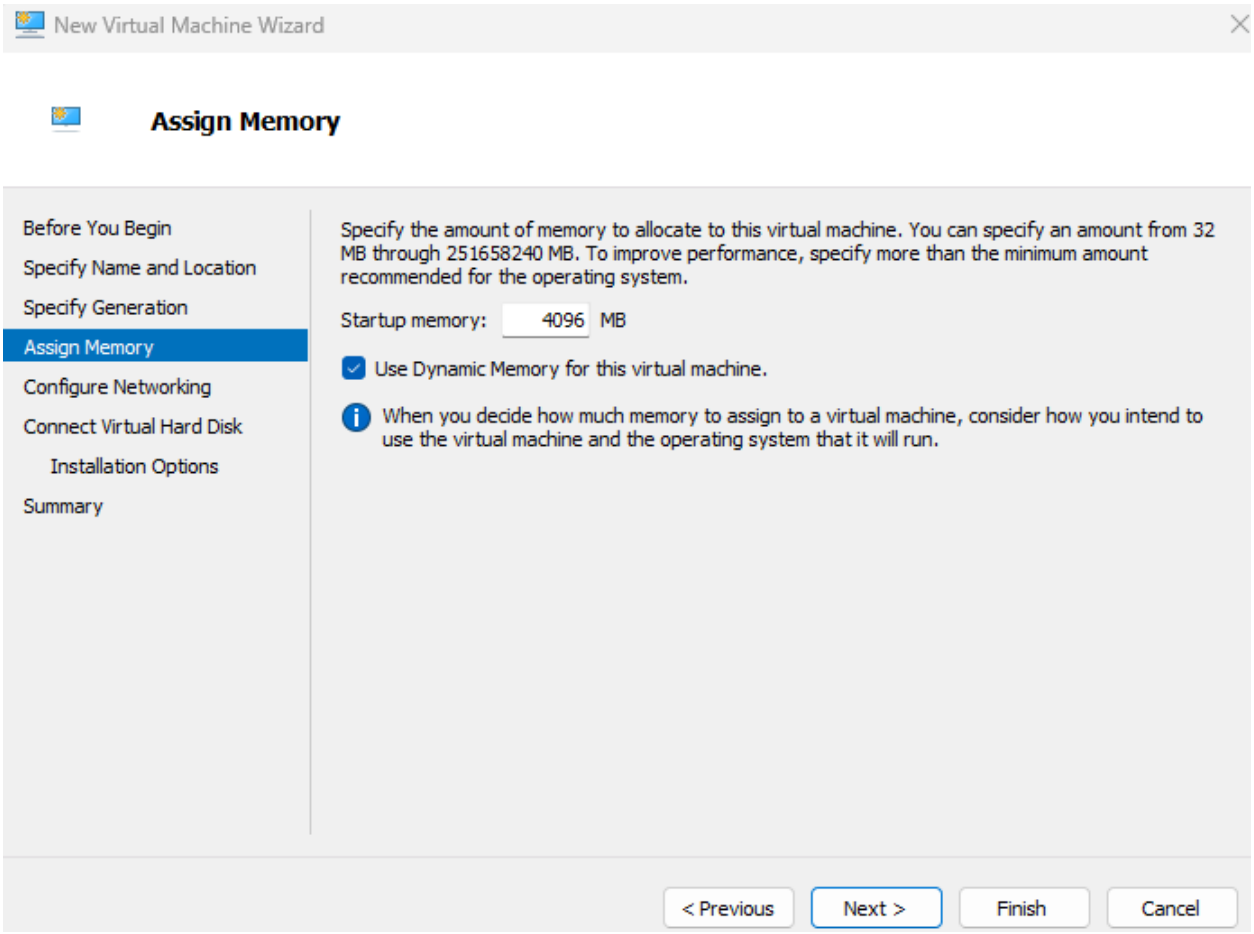



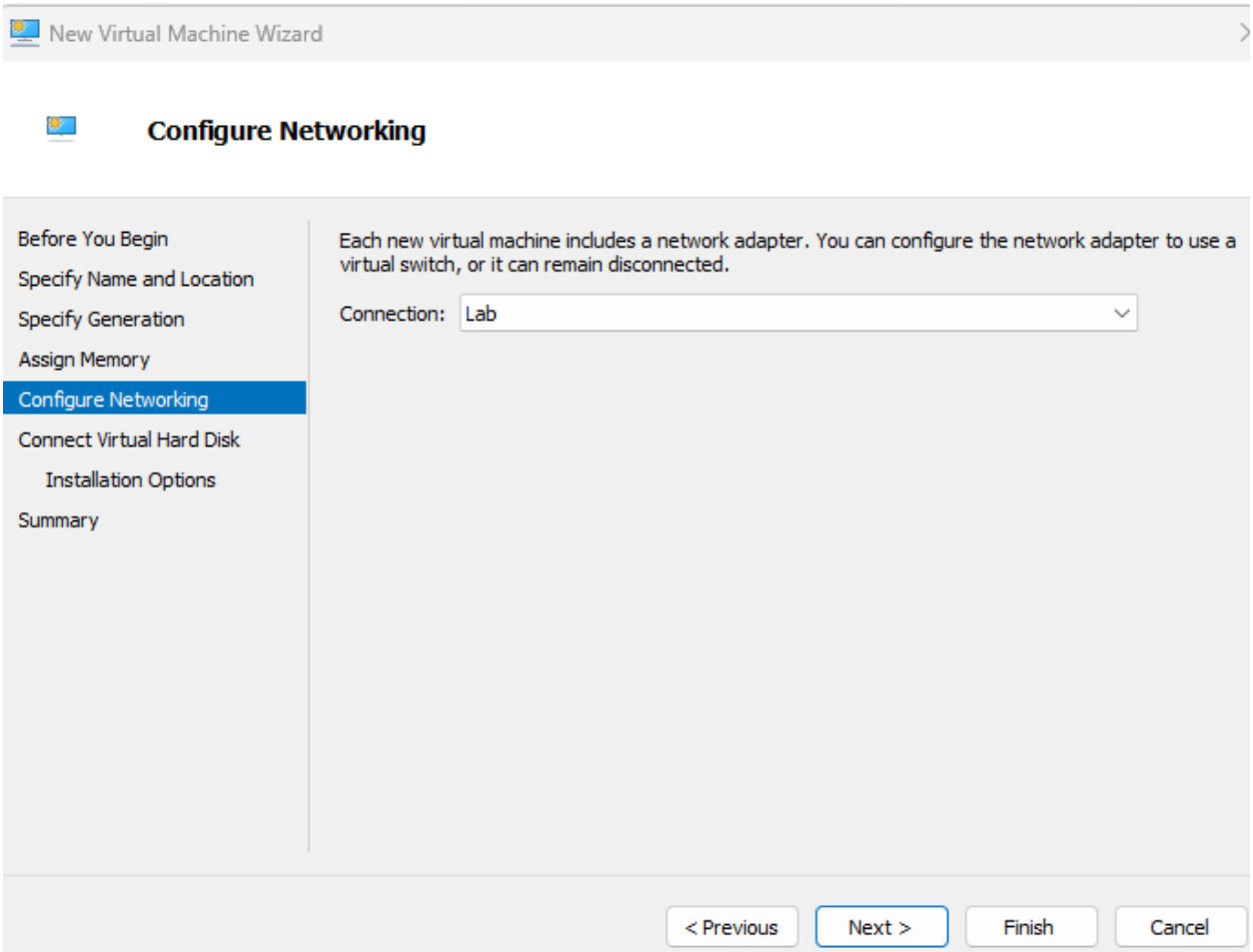

Create virtual machine

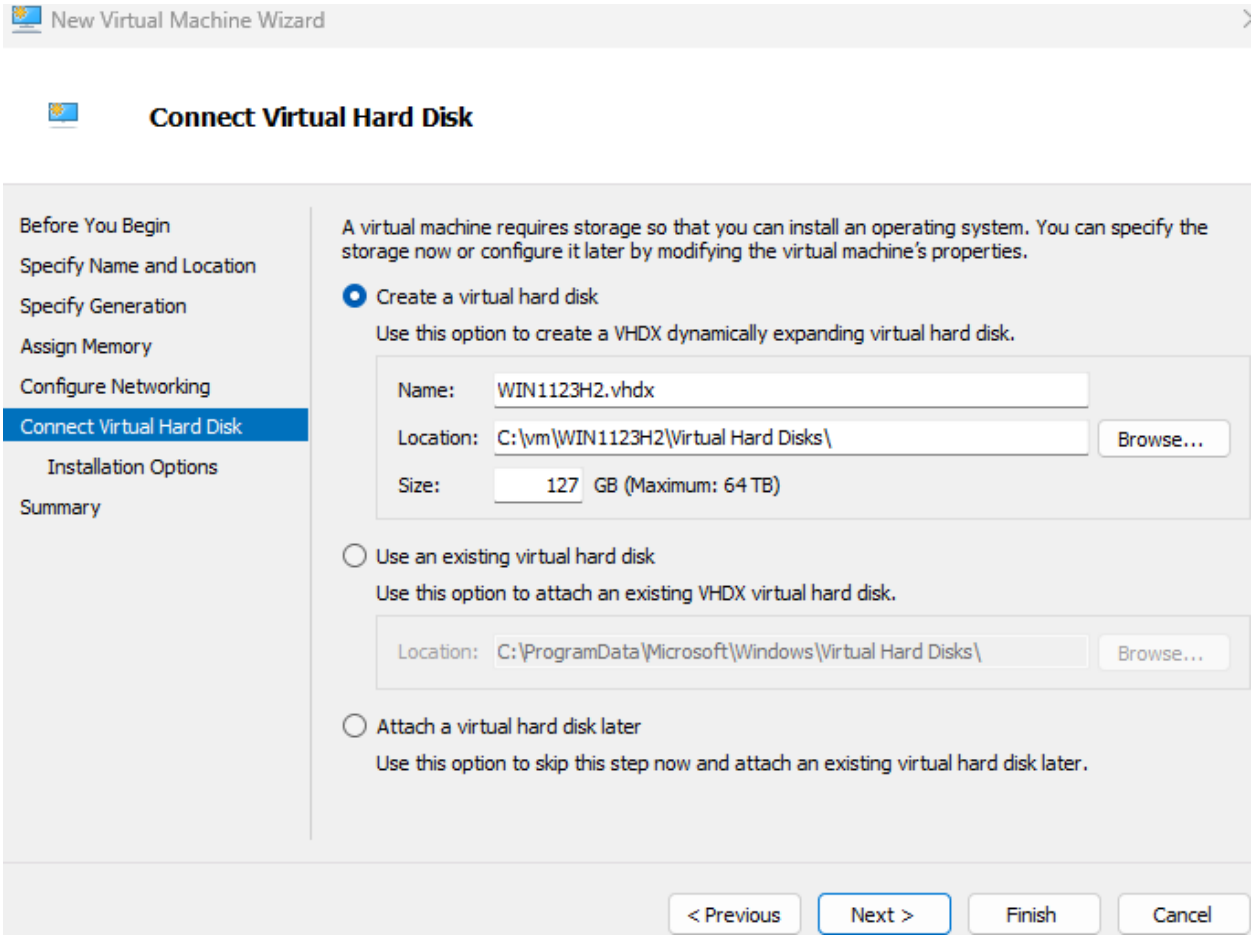


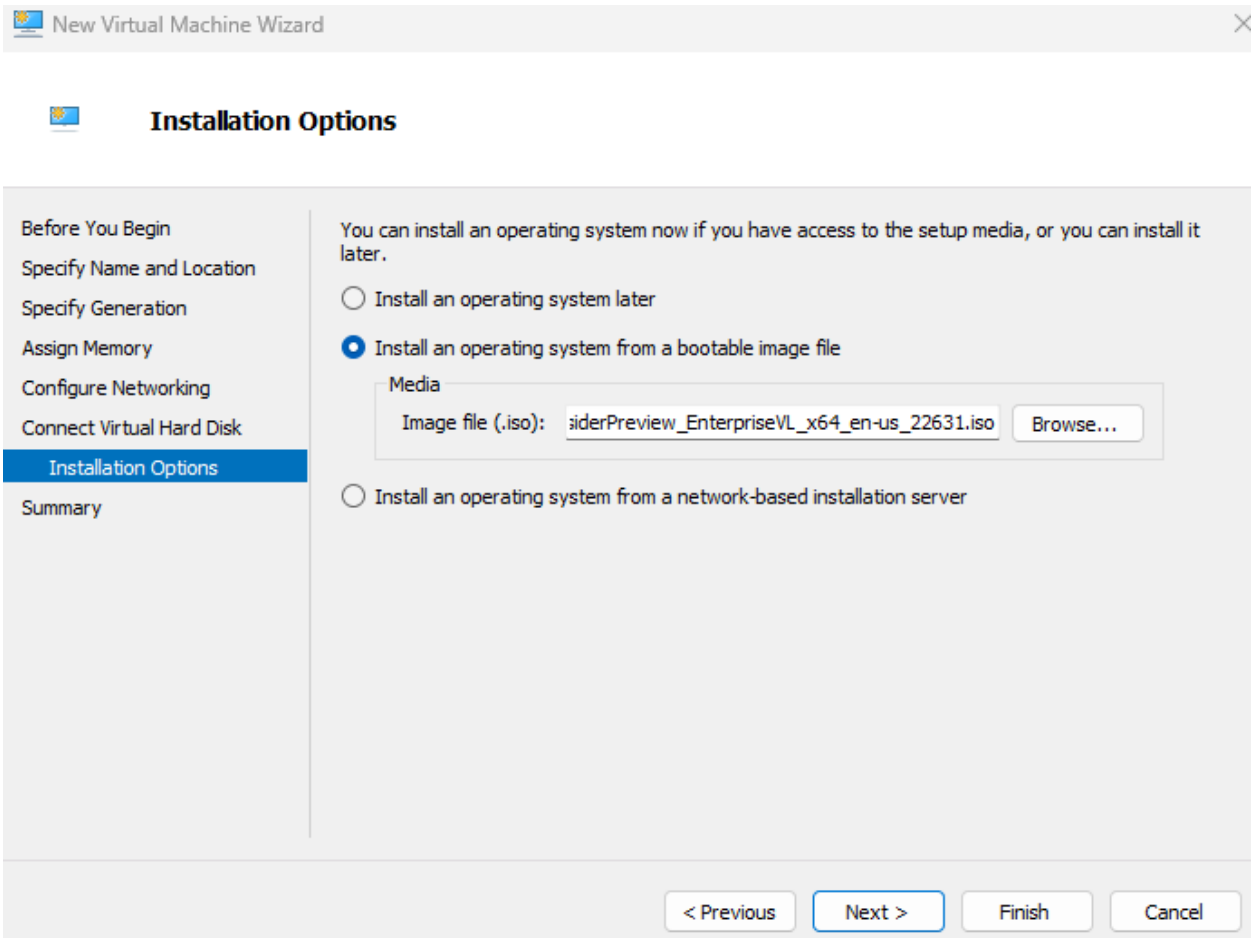

New Virtual Machine Wizard
Specify Name and Location
Before You Begin
Specify Name and Location
Specify Generation
Assign Memory
Configure Networking
Connect Virtual Hard Disk
Installation Options
Summary
Choose a name and location for this virtual machine.
The name is displayed in Hyper-V Manager. We recommend that you use a name that helps you easily identify this virtual machine, such as the name of the guest operating system or workload.
Name: WIN1123H2
You can create a folder or use an existing folder to store the virtual machine. If you don't select a folder, the virtual machine is stored in the default folder configured for this server.
Store the virtual machine in a different location
Location: C:\vm\
Browse...
If you plan to take checkpoints of this virtual machine, select a location that has enough free space. Checkpoints include virtual machine data and may require a large amount of space.
< Previous
Next >
Finish
Cancel

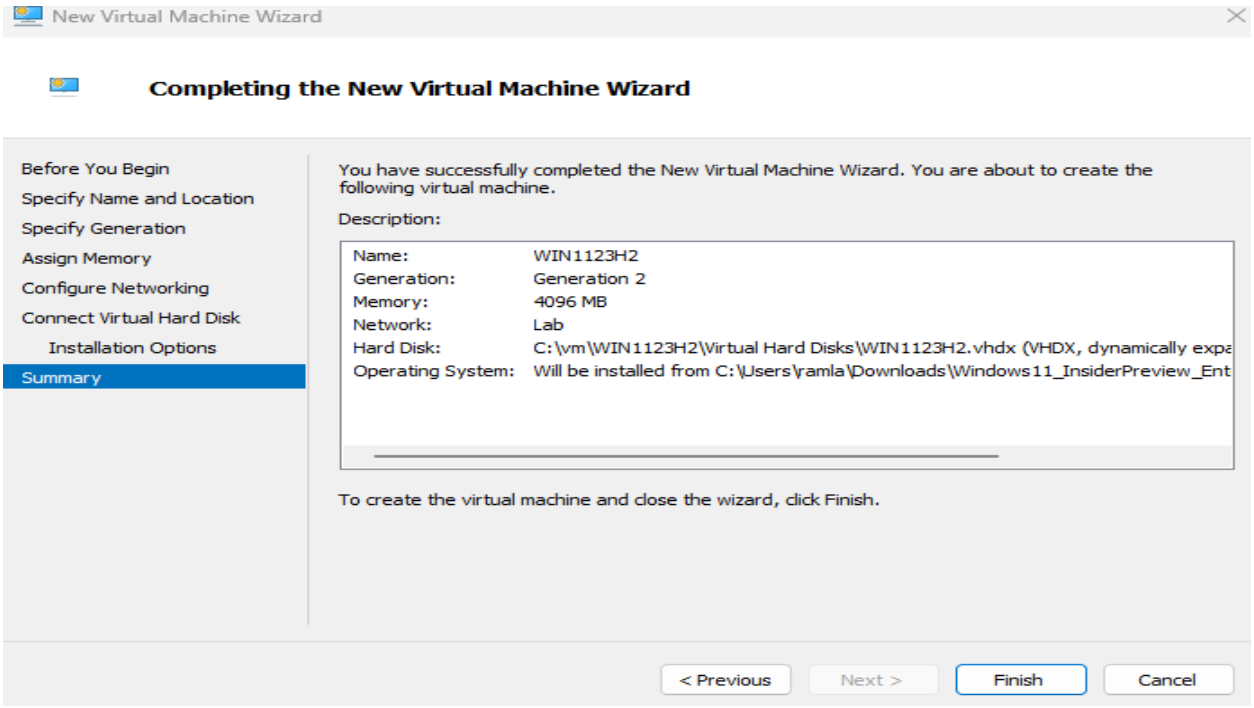

New Virtual Machine Wizard
Specify Generation
Before You Begin
Specify Name and Location
Specify Generation
Assign Memory
Configure Networking
Connect Virtual Hard Disk
Installation Options
Summary
Choose the generation of this virtual machine.
Generation 1
This virtual machine generation supports 32-bit and 64-bit guest operating systems and provides virtual hardware which has been available in all previous versions of Hyper-V.
Generation 2
This virtual machine generation provides support for newer virtualization features, has UEFI-based firmware, and requires a supported 64-bit guest operating system.
Once a virtual machine has been created, you cannot change its generation.
More about virtual machine generation support
< Previous
Next >
Finish
Cancel

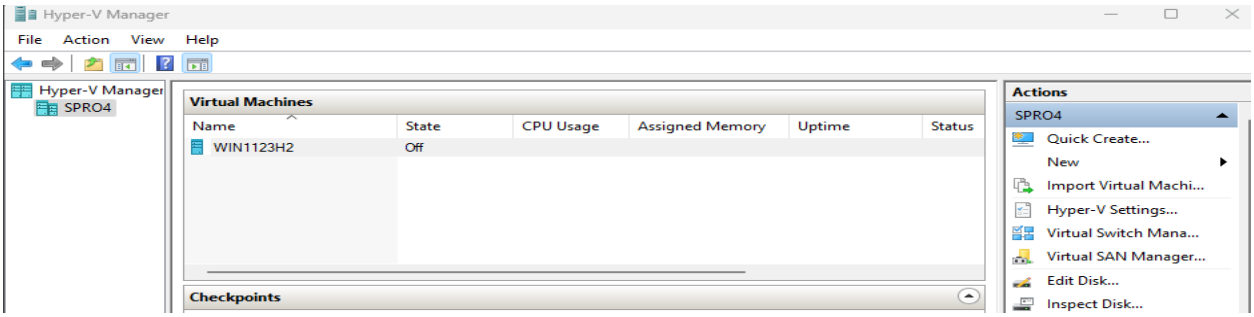

New Virtual Machine Wizard
Assign Memory
Before You Begin
Specify Name and Location
Specify Generation
Assign Memory
Configure Networking
Connect Virtual Hard Disk
Installation Options
Summary
Specify the amount of memory to allocate to this virtual machine. You can specify an amount from 32 MB through 251658240 MB. To improve performance, specify more than the minimum amount recommended for the operating system.
Startup memory: 4096 MB
Use Dynamic Memory for this virtual machine.
When you decide how much memory to assign to a virtual machine, consider how you intend to use the virtual machine and the operating system that it will run.
< Previous
Next >
Finish
Cancel


New Virtual Machine Wizard
Configure Networking
Before You Begin
Specify Name and Location
Specify Generation
Assign Memory
Configure Networking
Connect Virtual Hard Disk
Installation Options
Summary
Each new virtual machine includes a network adapter. You can configure the network adapter to use a virtual switch, or it can remain disconnected.
Connection: Lab
< Previous
Next >
Finish
Cancel

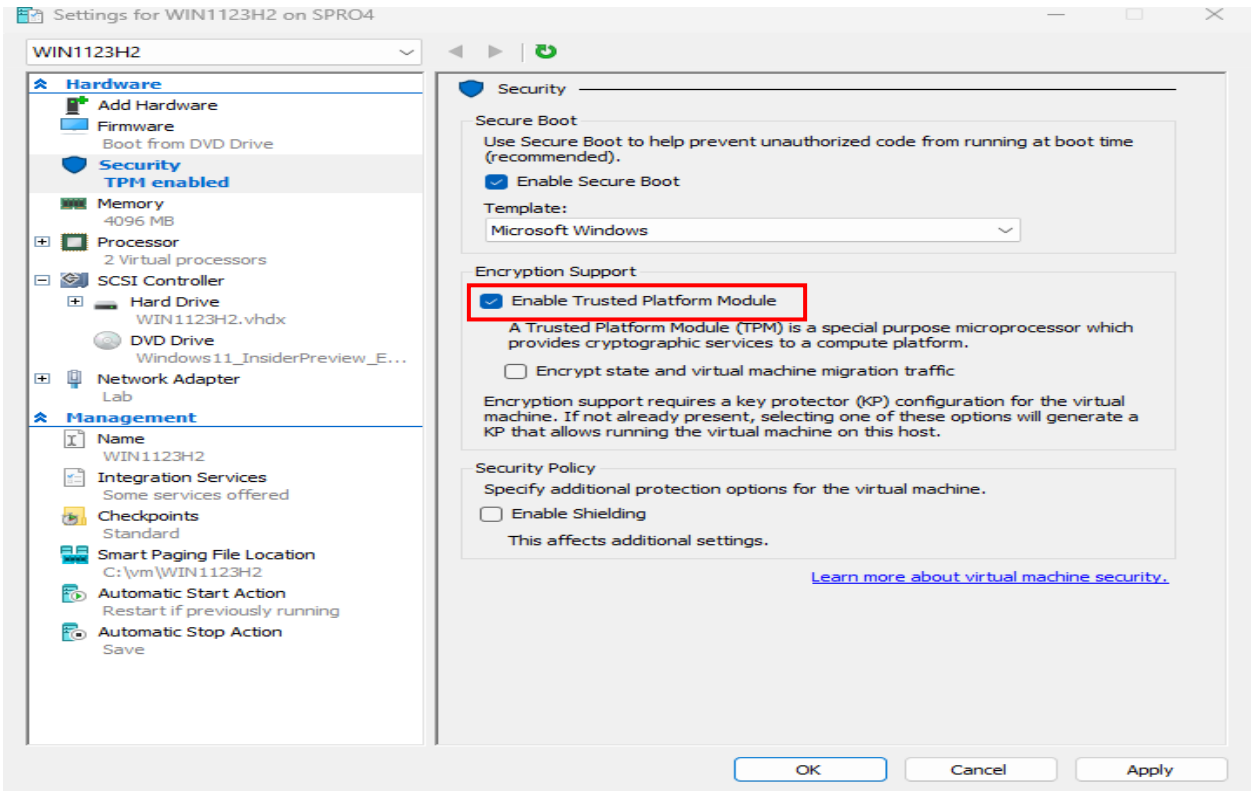

New Virtual Machine Wizard
Connect Virtual Hard Disk
Before You Begin
Specify Name and Location
Specify Generation
Assign Memory
Configure Networking
Connect Virtual Hard Disk
Installation Options
Summary
A virtual machine requires storage so that you can install an operating system. You can specify the storage now or configure it later by modifying the virtual machine's properties.
Create a virtual hard disk
Use this option to create a VHDX dynamically expanding virtual hard disk.
Name: WIN1123H2.vhdx
Location: C:\vm\WIN1123H2\Virtual Hard Disks\
Browse...
Size: 127 GB (Maximum: 64 TB)
Use an existing virtual hard disk
Use this option to attach an existing VHDX virtual hard disk.
Location: C:\ProgramData\Microsoft\Windows\Virtual Hard Disks\
Browse...
Attach a virtual hard disk later
Use this option to skip this step now and attach an existing virtual hard disk later.
< Previous
Next >
Finish
Cancel


New Virtual Machine Wizard
Installation Options
Before You Begin
Specify Name and Location
Specify Generation
Assign Memory
Configure Networking
Connect Virtual Hard Disk
Installation Options
Summary
You can install an operating system now if you have access to the setup media, or you can install it later.
Install an operating system later
Install an operating system from a bootable image file
Media
Image file (.iso): iderPreview_EnterpriseVL_x64_en-us_22631.iso
Browse...
Install an operating system from a network-based installation server
< Previous
Next >
Finish
Cancel

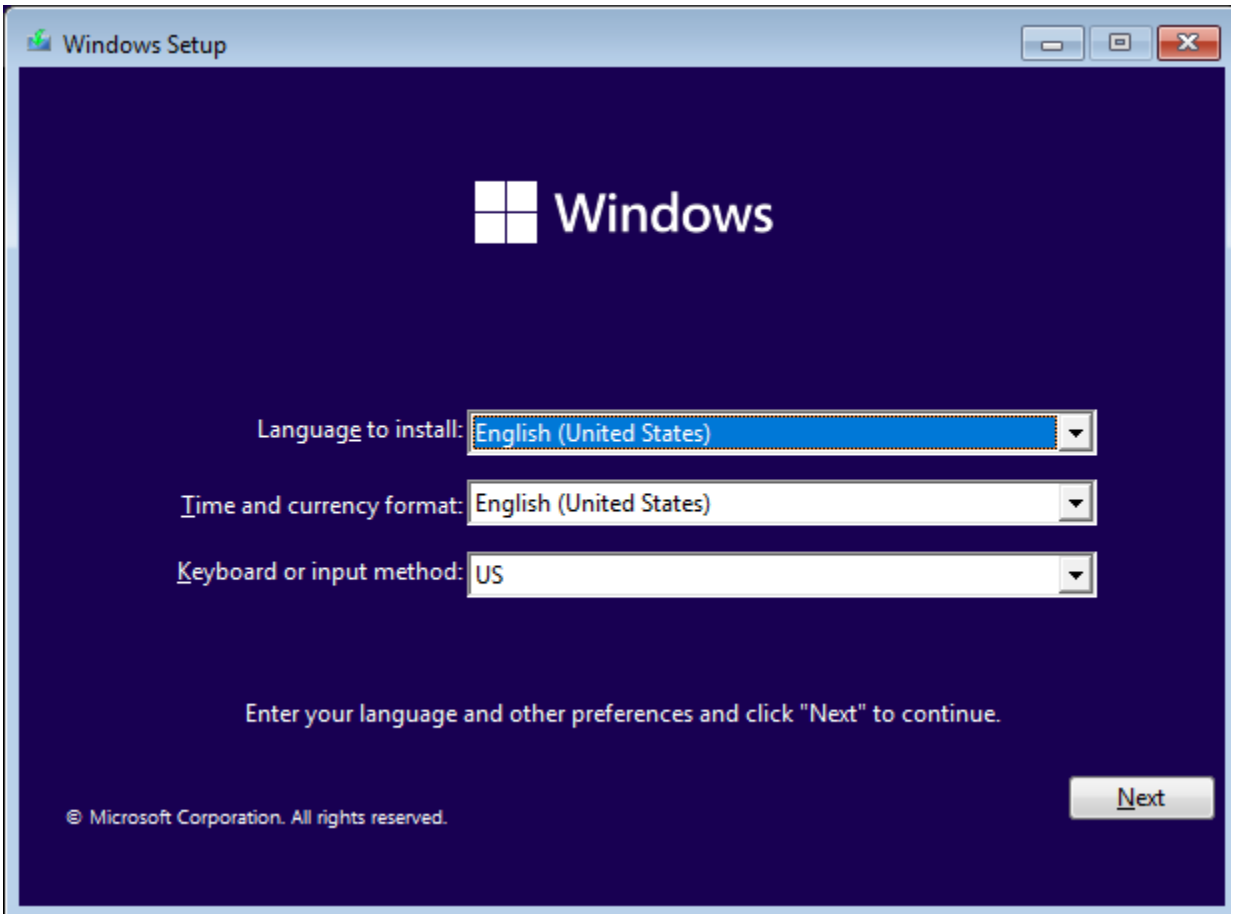


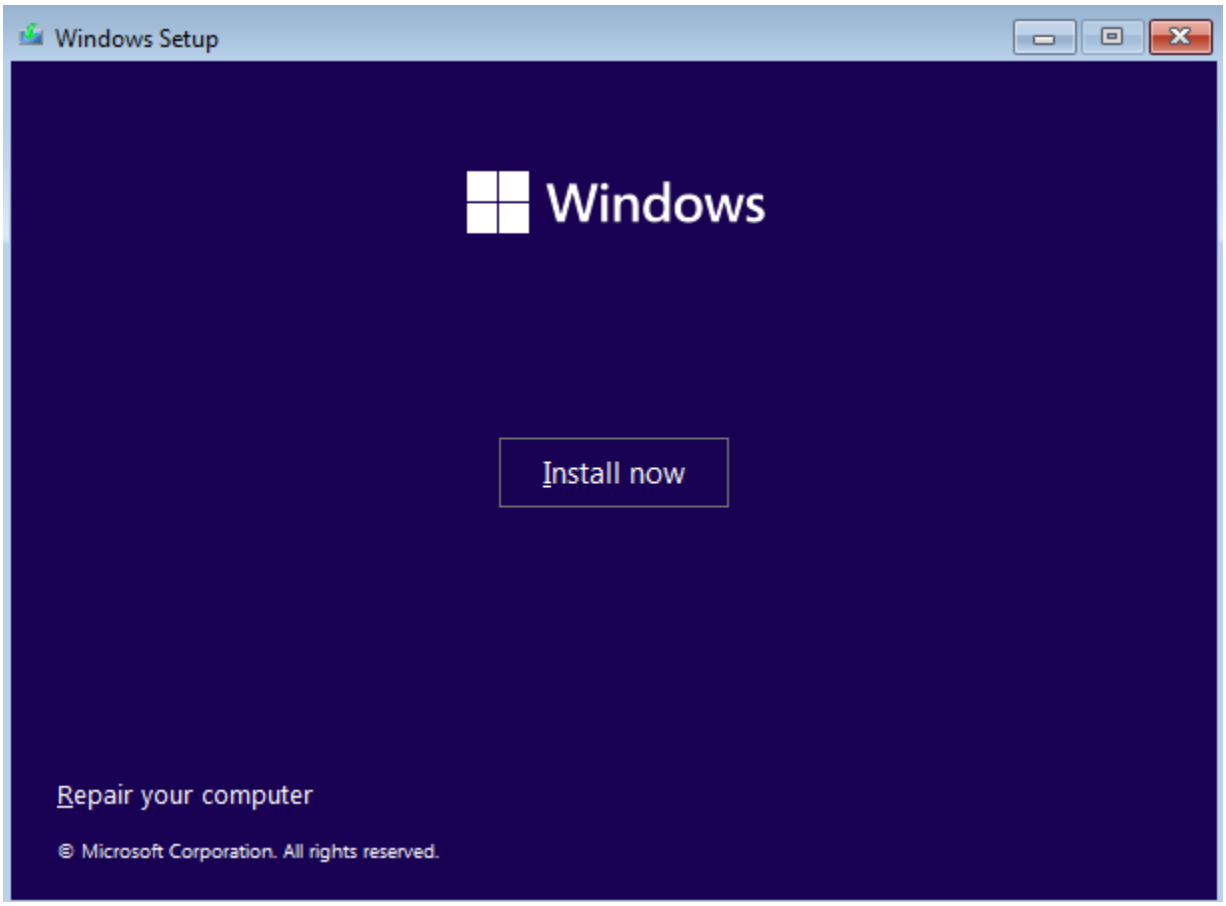



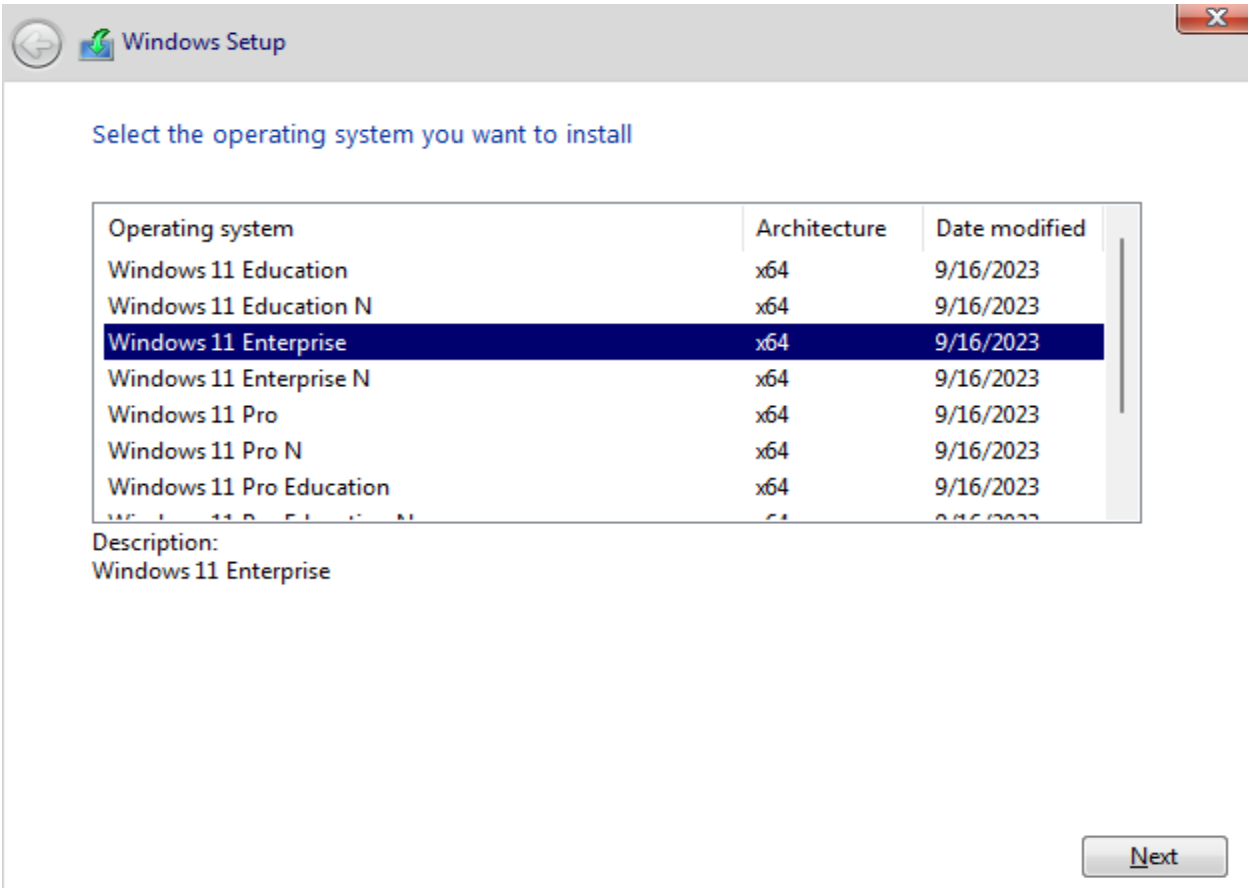

Make sure to enable TPM on virtual machine settings

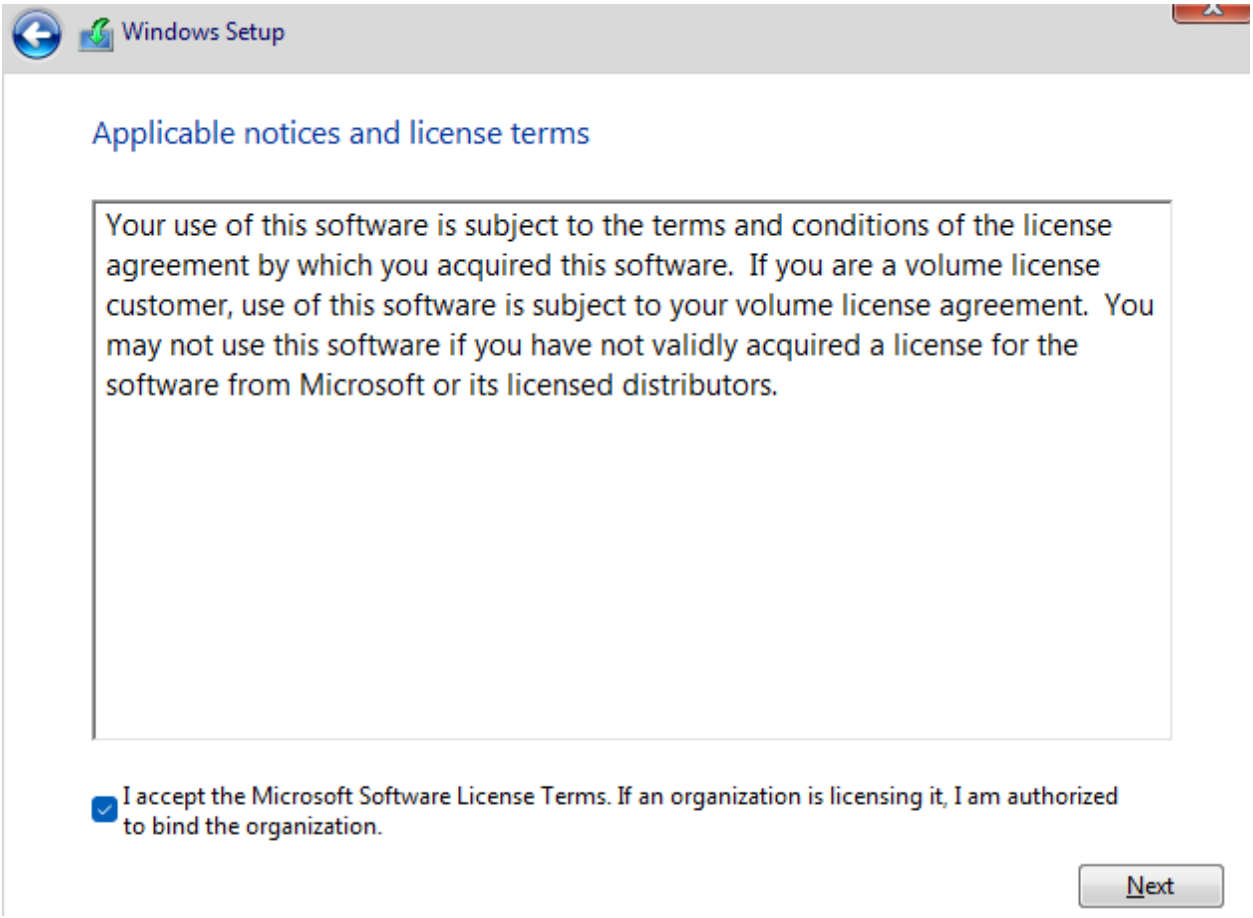


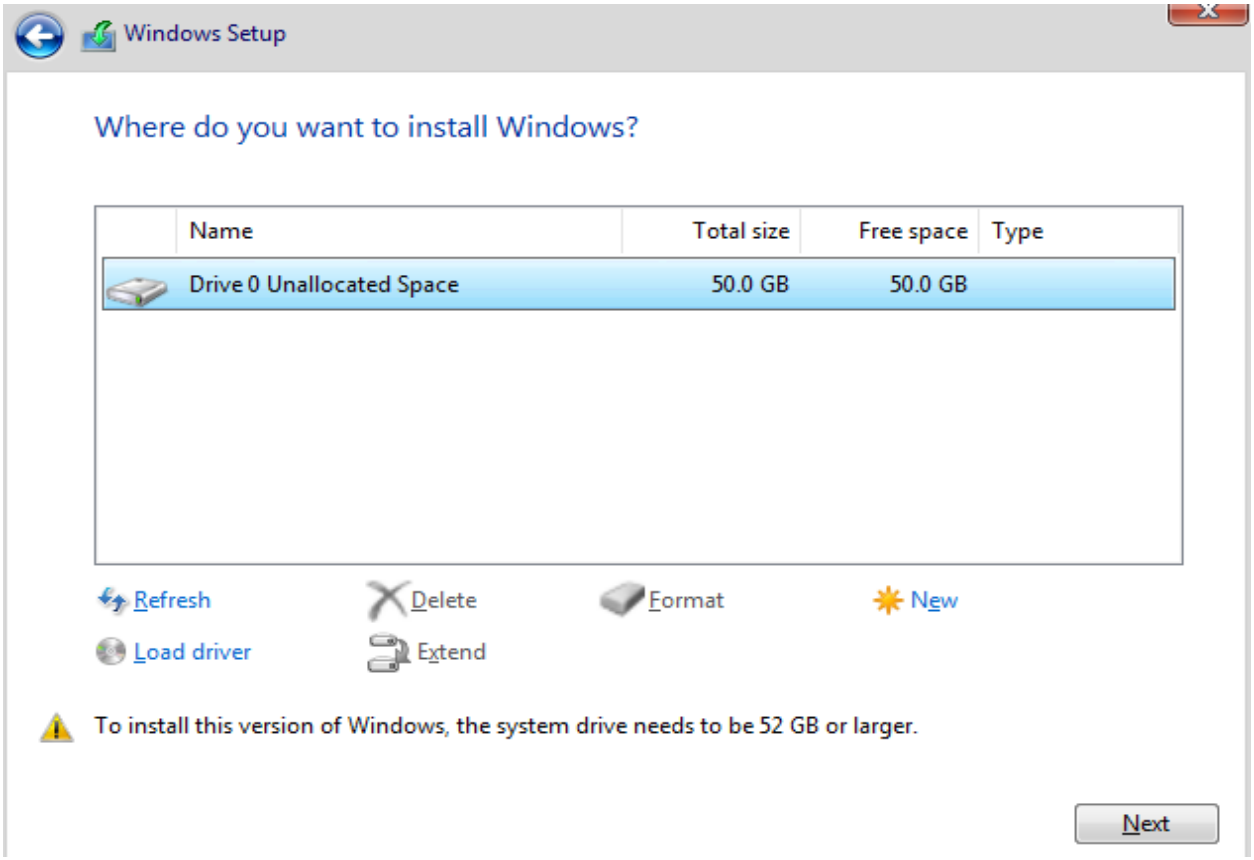
Install Windows 11 23H2



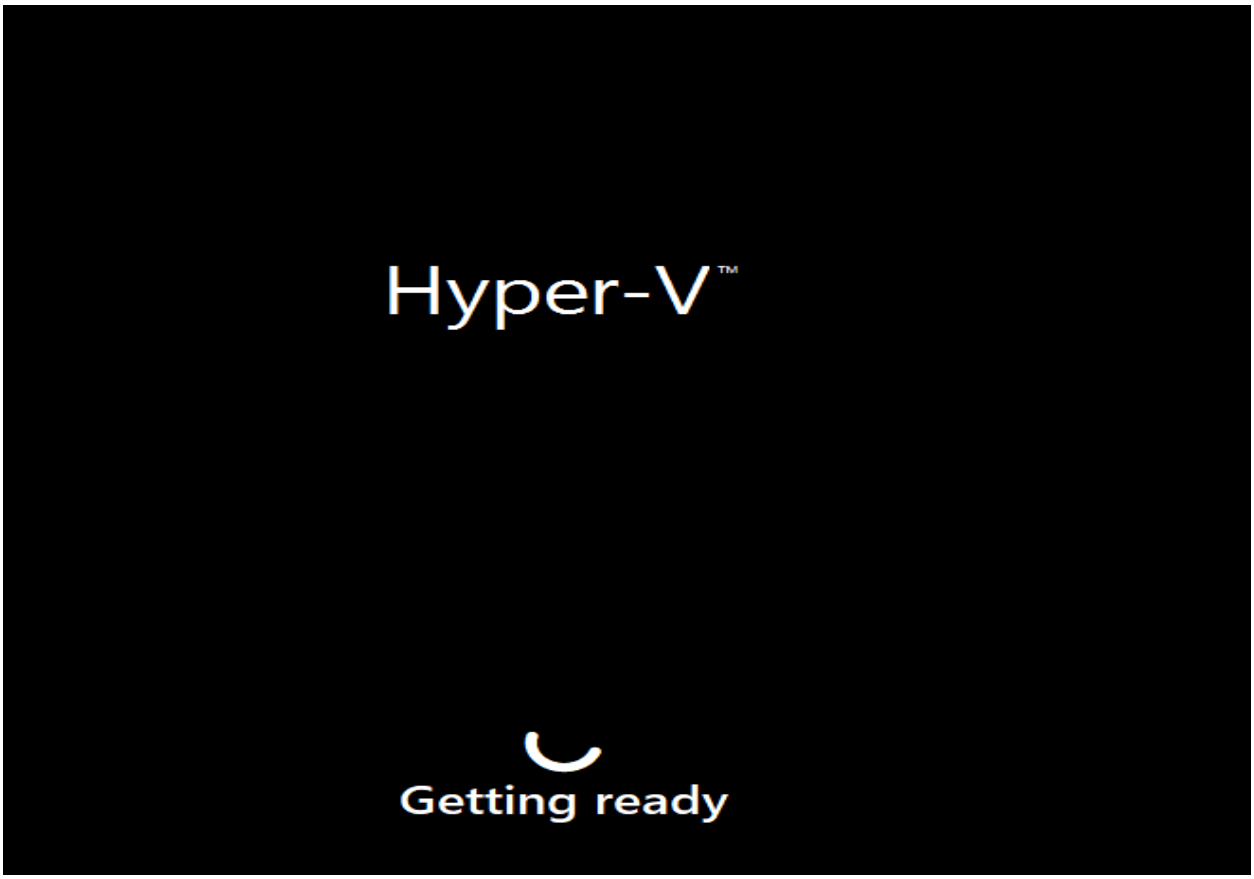




Windows Setup
Select the operating system you want to install
Operating system
Architecture
Date modified
Windows 11 Education
x64
9/16/2023
Windows 11 Education N
x64
9/16/2023
Windows 11 Enterprise
x64
9/16/2023
Windows 11 Enterprise N
x64
9/16/2023
Windows 11 Pro
x64
9/16/2023
Windows 11 Pro N
x64
9/16/2023
Windows 11 Pro Education
x64
9/16/2023
Description:
Windows 11 Enterprise
Next


Windows Setup
Applicable notices and license terms
Your use of this software is subject to the terms and conditions of the license agreement by which you acquired this software. If you are a volume license customer, use of this software is subject to your volume license agreement. You may not use this software if you have not validly acquired a license for the software from Microsoft or its licensed distributors.
I accept the Microsoft Software License Terms. If an organization is licensing it, I am authorized to bind the organization.
Next




Click next to start the install. After install the system will restart and complete basic settings.



## Is this the right country or region?

Burundi

Cabo Verde

Cambodia

Cameroon

**Canada**

Cayman Islands

Central African Republic

Yes



## Is this the right keyboard layout or input method?

If you also use another keyboard layout, you can add that next.

**US**

Canadian Multilingual Standard

English (India)

Irish

NZ Aotearoa

Scottish Gaelic

Yes

Want to add a second keyboard layout?



Add layout

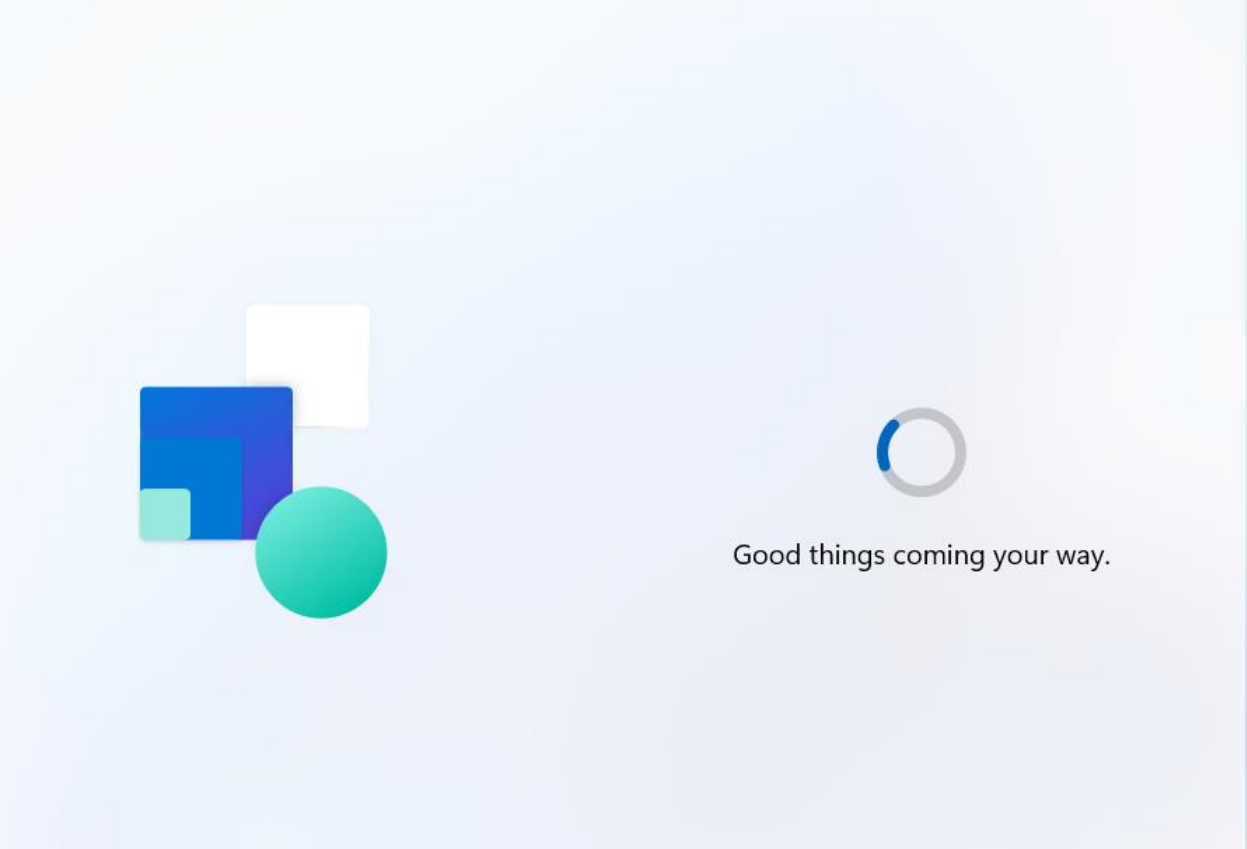
Skip

## Let's connect you to a network

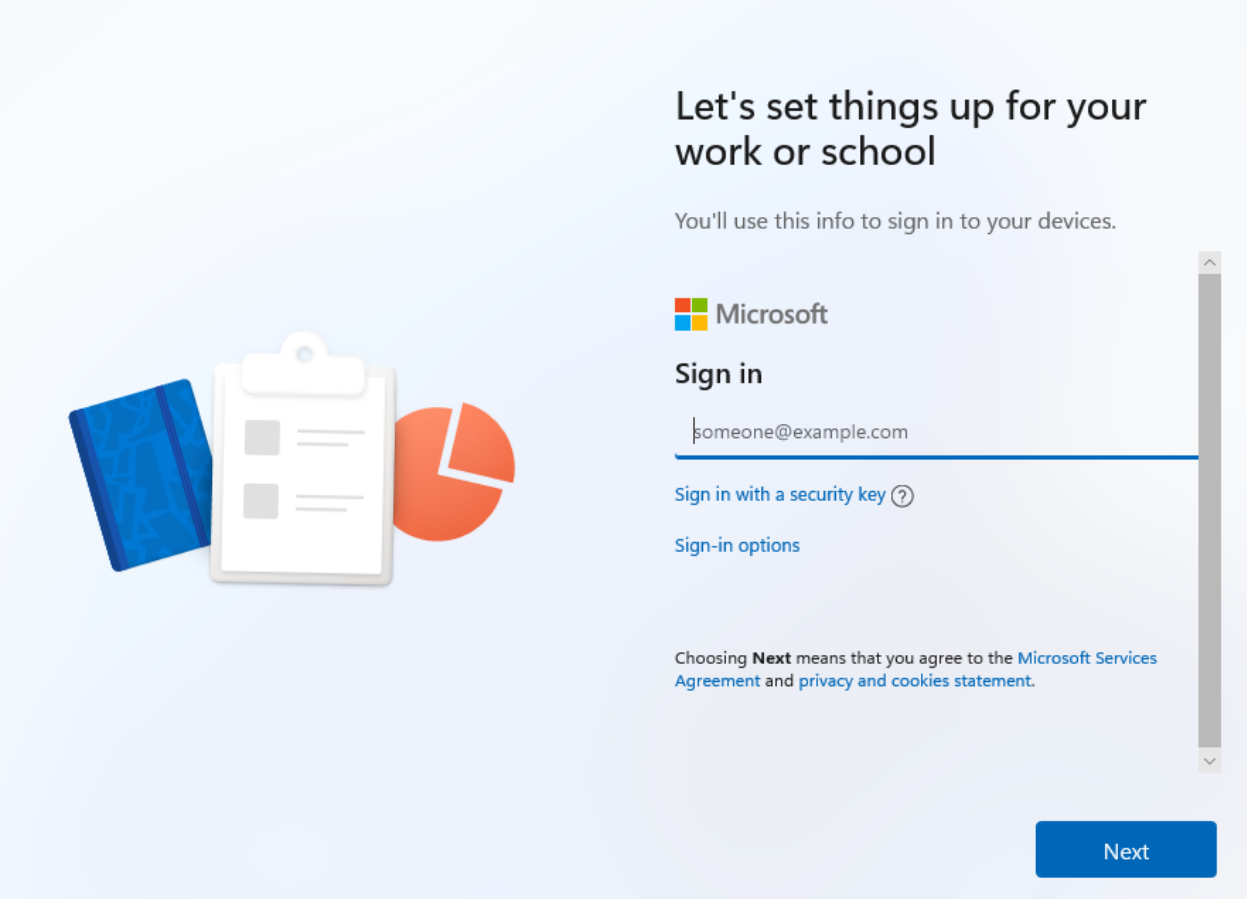
You'll need an internet connection to continue setting up your device. Once connected, you'll get the latest features and security updates.

RAMLAN.CA
Connected

Next




You can sign work or school or Domain Joined by selecting Sign in options



## Who's going to use this device?

You'll use this name to sign in to your device.

Enter your name

Ram

Even better, use an online account

Next

## Create a super memorable password

Make sure to pick something you'll absolutely remember.

Enter a password

••••••••••

Even better, use an online account

Next

## Let Microsoft and apps use your location

Choose your settings, then select **Accept** to save them. Check the **Learn more** link for info on these settings, how to change them, how Windows helps protect you from unsafe apps and web content, and the related data transfers and uses.

Yes

Get location-based experiences like directions and weather. Let Windows & apps request your location. Microsoft will use location data to improve location services.

No

You won't be able to get location-based experiences like directions and weather or enjoy other services that require your location to work.

Learn more

Accept

## Find my device

Choose your settings, then select **Accept** to save them. Check the **Learn more** link for info on these settings, how to change them, how Windows helps protect you from unsafe apps and web content, and the related data transfers and uses.

Yes

Turn on Find my device and use your device's location data to help you find your device if you lose it. You must sign in to Windows with your Microsoft account to use this feature.

No

Windows won't be able to help you keep track of your device if you lose it.

Learn more

Accept

## Send diagnostic data to Microsoft

Choose your settings, then select **Accept** to save them. Check the **Learn more** link for info on these settings, how to change them, how Windows helps protect you from unsafe apps and web content, and the related data transfers and uses.

**Include Optional**

Send info about the websites you browse and how you use apps and features, plus additional info about device health, device activity, and enhanced error reporting. Diagnostic data is used to help keep Windows secure and up to date, troubleshoot problems, and make product improvements. Required diagnostic data will always be included when you choose to send Optional diagnostic data. Regardless of your choice, your device will be equally secure and will operate normally.

Required only

Learn more

Accept

## Improve inking & typing

Choose your settings, then select **Accept** to save them. Check the **Learn more** link for info on these settings, how to change them, how Windows helps protect you from unsafe apps and web content, and the related data transfers and uses.

**Yes**

Send optional inking and typing diagnostic data to Microsoft to improve the language recognition and suggestion capabilities of Microsoft apps and services.

**No**

Don't use my diagnostic data to help improve the language recognition and suggestion capabilities of Microsoft apps and services.

Learn more

Accept

## Get tailored experiences with diagnostic data

Choose your settings, then select **Accept** to save them. Check the **Learn more** link for info on these settings, how to change them, how Windows helps protect you from unsafe apps and web content, and the related data transfers and uses.

Yes

Let Microsoft use your diagnostic data, excluding information about websites you browse, to offer you personalized tips, ads, and recommendations to enhance your Microsoft experiences.

No

The tips, ads, and recommendations you see will be more generic and may be less relevant to you.

Learn more

Accept

## Let apps use advertising ID

Choose your settings, then select **Accept** to save them. Check the **Learn more** link for info on these settings, how to change them, how Windows helps protect you from unsafe apps and web content, and the related data transfers and uses.

Yes

Apps can use advertising ID to provide more personalized advertising in accordance with the privacy policy of the app provider.

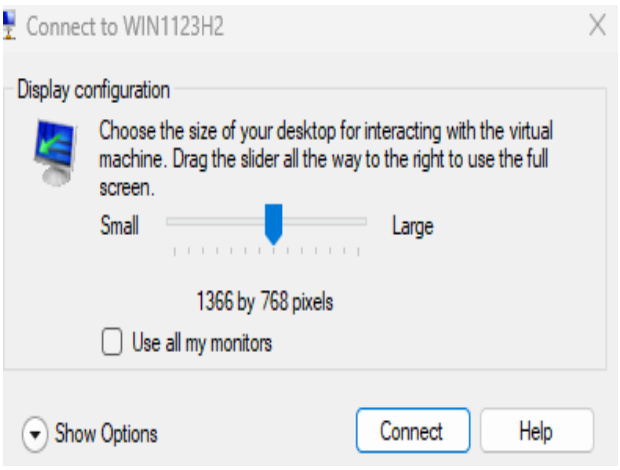
No

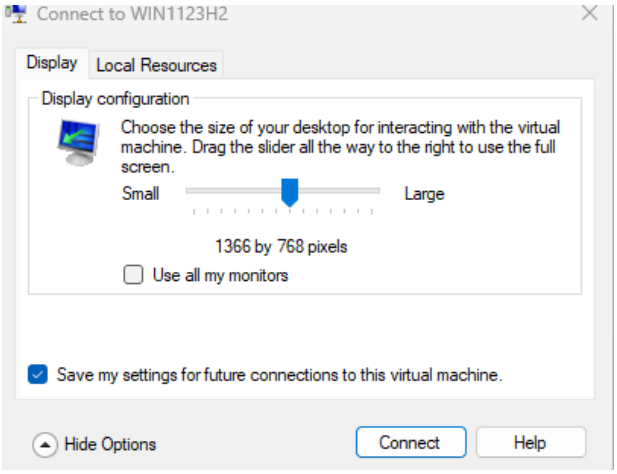
The number of ads you see won't change, but they may be less relevant to you.

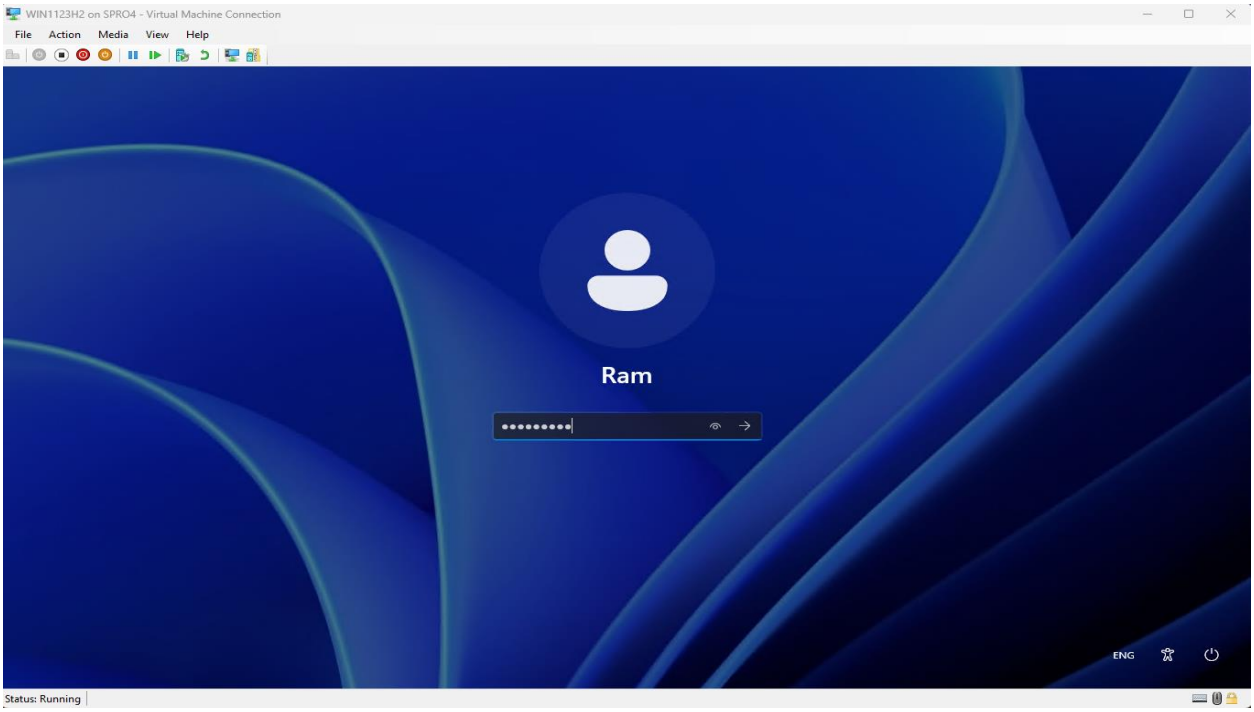
Learn more

Accept

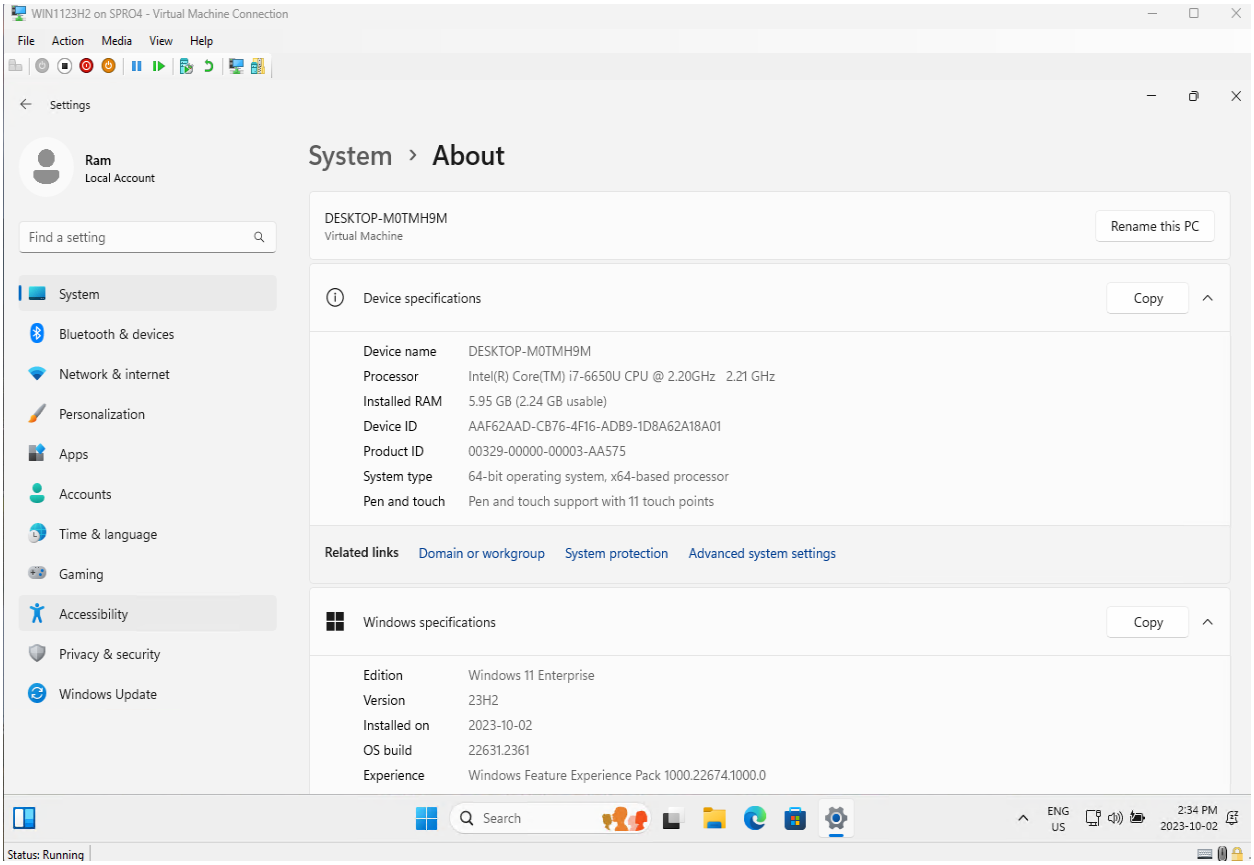
Please keep your PC on and plugged in.
Don't turn off your PC

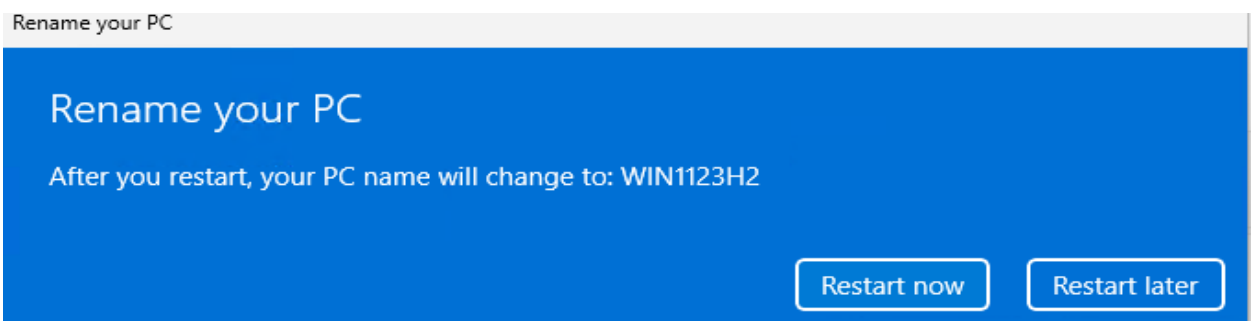

Connect to WIN1123H2
Display configuration
Choose the size of your desktop for interacting with the virtual machine. Drag the slider all the way to the right to use the full screen.
Small
Large
1366 by 768 pixels
Use all my monitors
Show Options
Connect
Help

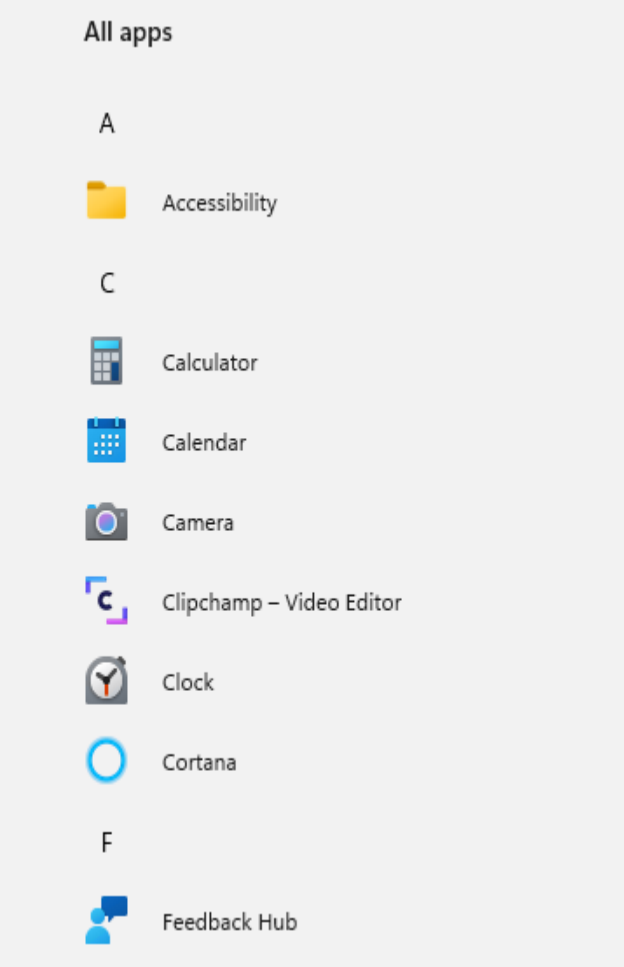

Connect to WIN1123H2
Display
Local Resources
Display configuration
Choose the size of your desktop for interacting with the virtual machine. Drag the slider all the way to the right to use the full screen.
Small
Large
1366 by 768 pixels
Use all my monitors
Save my settings for future connections to this virtual machine.
Hide Options
Connect
Help

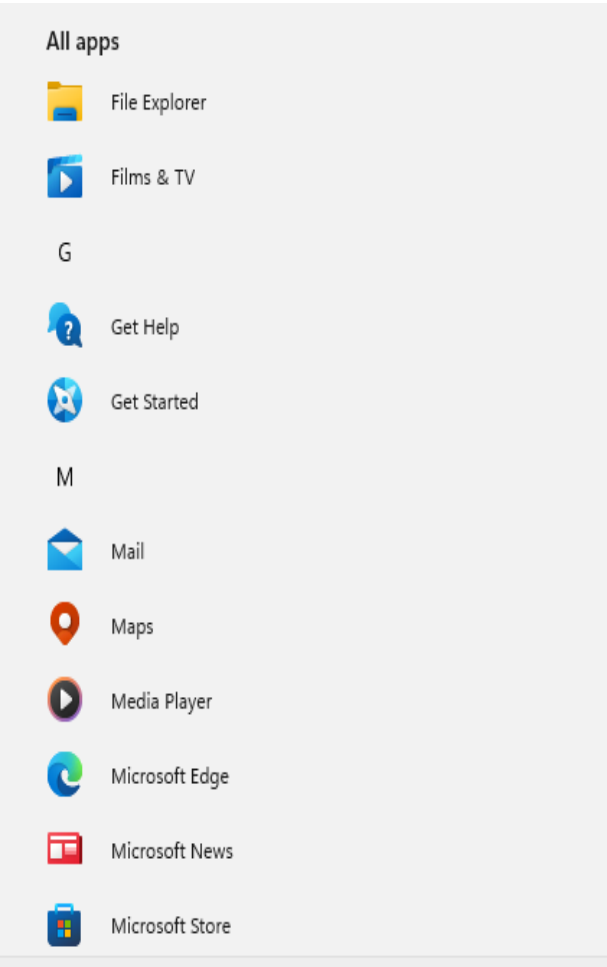

WIN1123H2 on SPRO4 - Virtual Machine Connection
File
Action
Media
View
Help
Ram
ENG
Status: Running

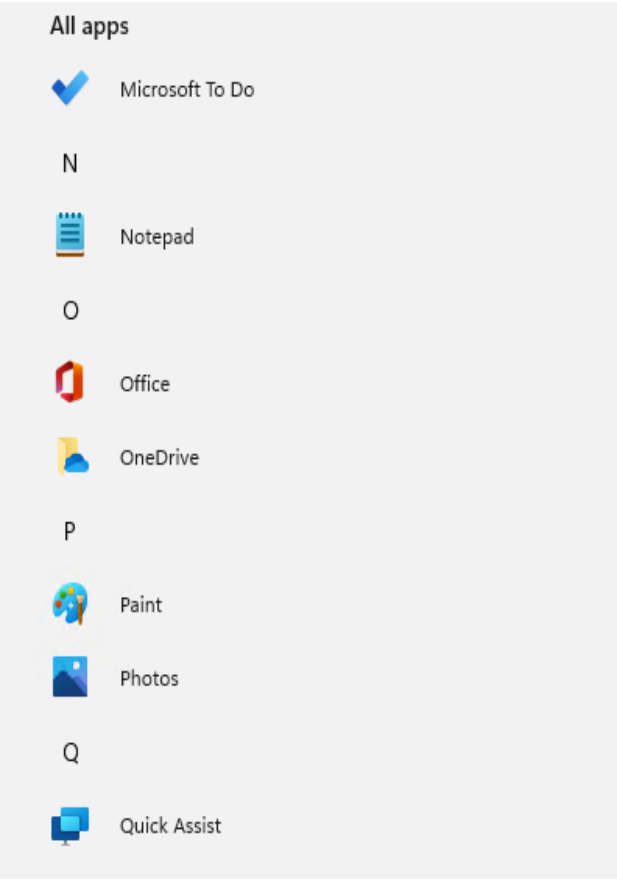
Rename the PC

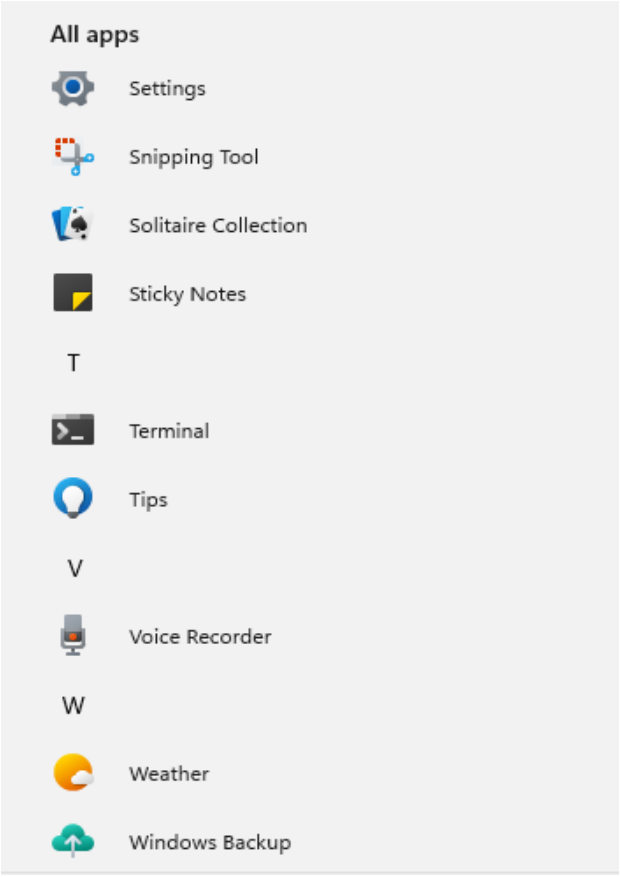


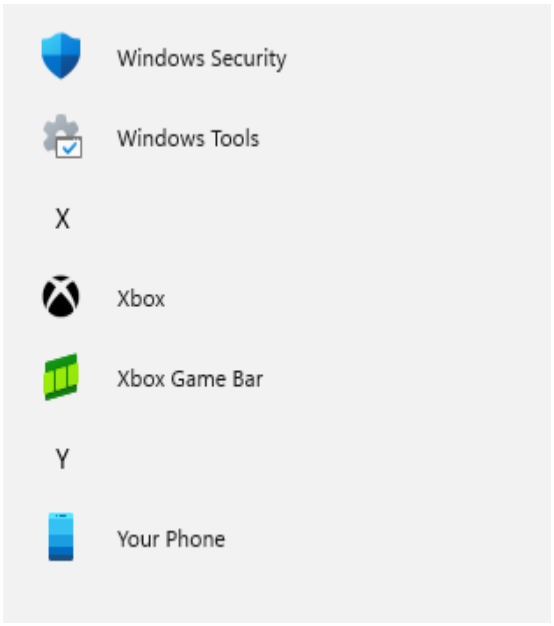



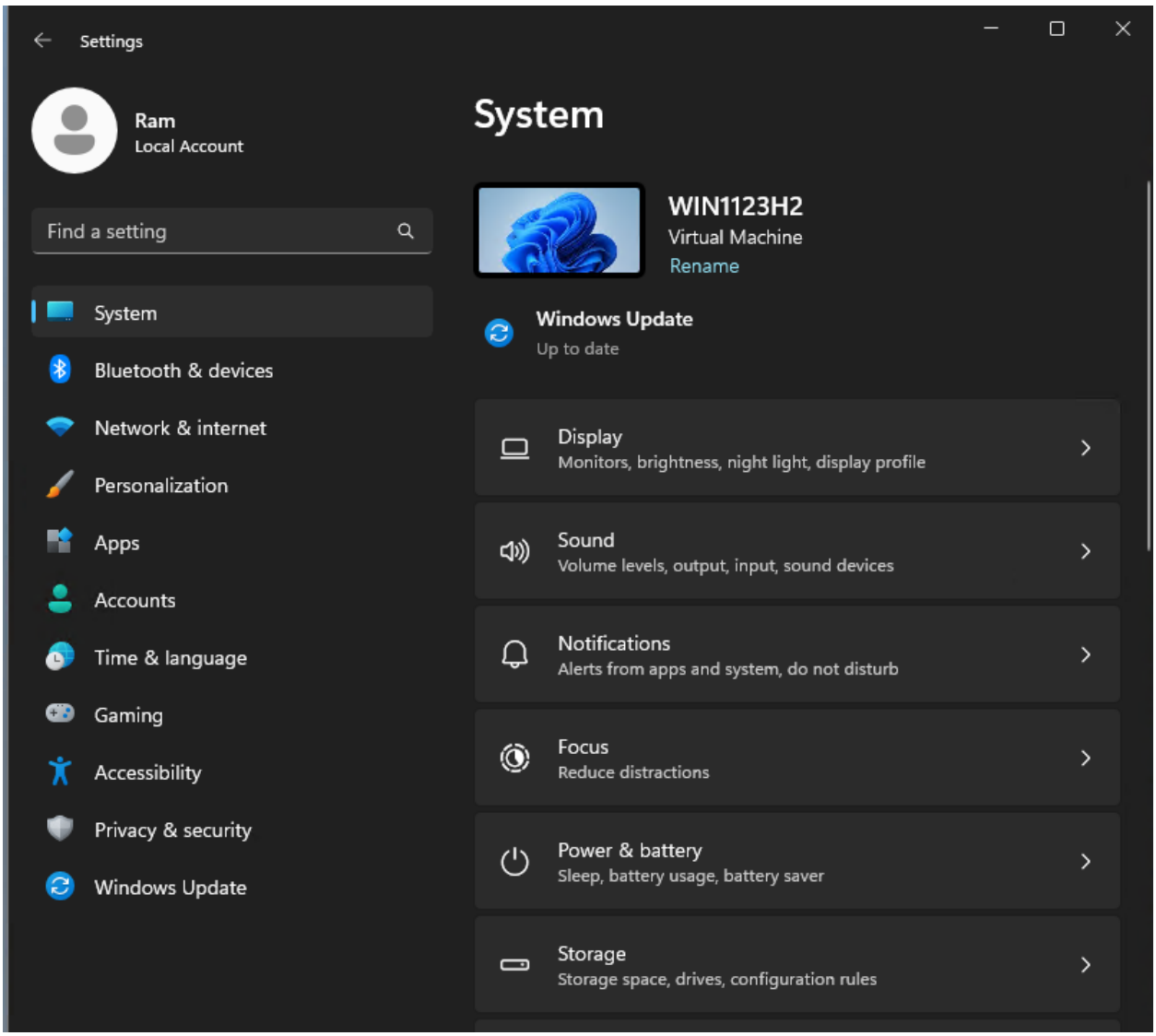

All apps
A
Accessibility
C
Calculator
Calendar
Camera
Clipchamp – Video Editor
Clock
Cortana
F
Feedback Hub


All apps
File Explorer
Films & TV
G
Get Help
Get Started
M
Mail
Maps
Media Player
Microsoft Edge
Microsoft News
Microsoft Store


All apps
Microsoft To Do
N
Notepad
O
Office
OneDrive
P
Paint
Photos
Q
Quick Assist

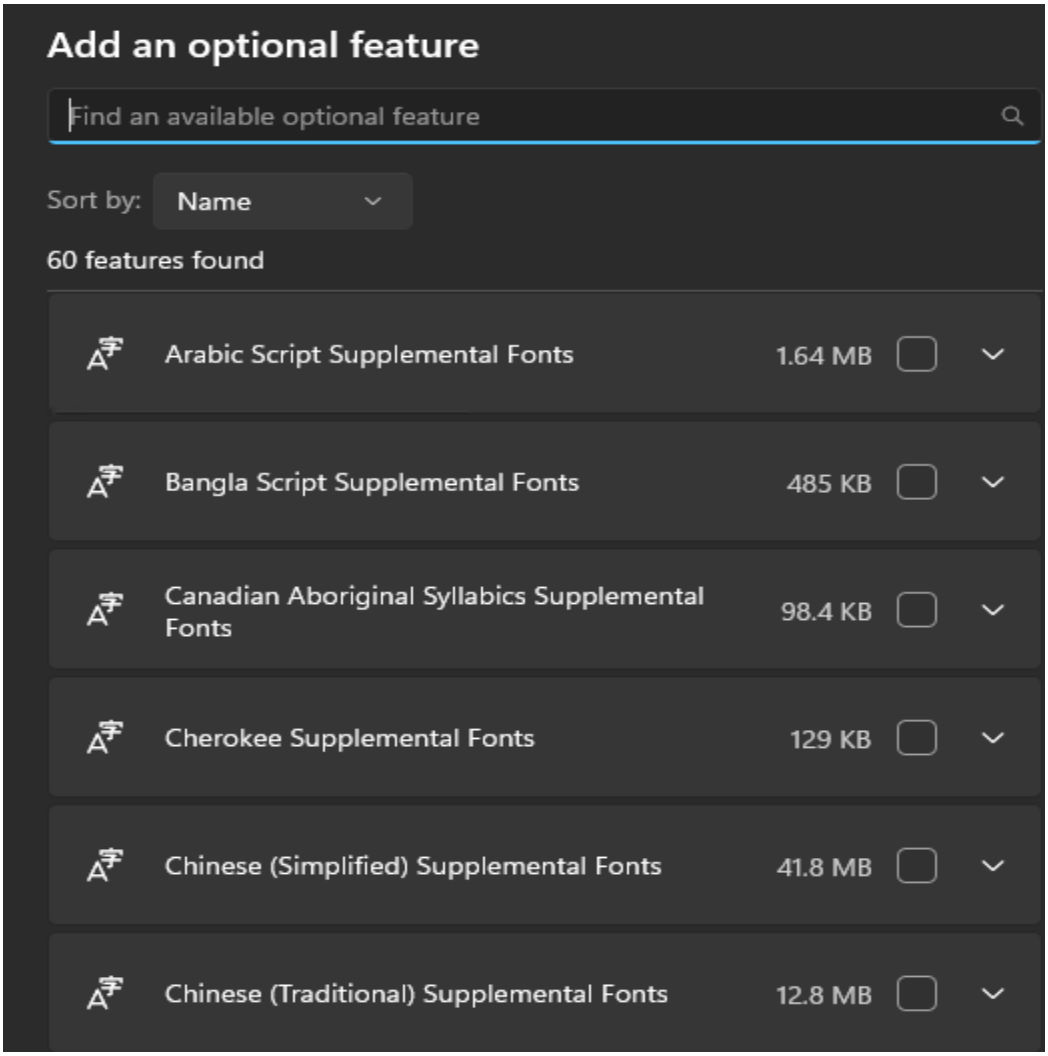

All apps
Settings
Snipping Tool
Solitaire Collection
Sticky Notes
T
Terminal
Tips
V
Voice Recorder
W
Weather
Windows Backup

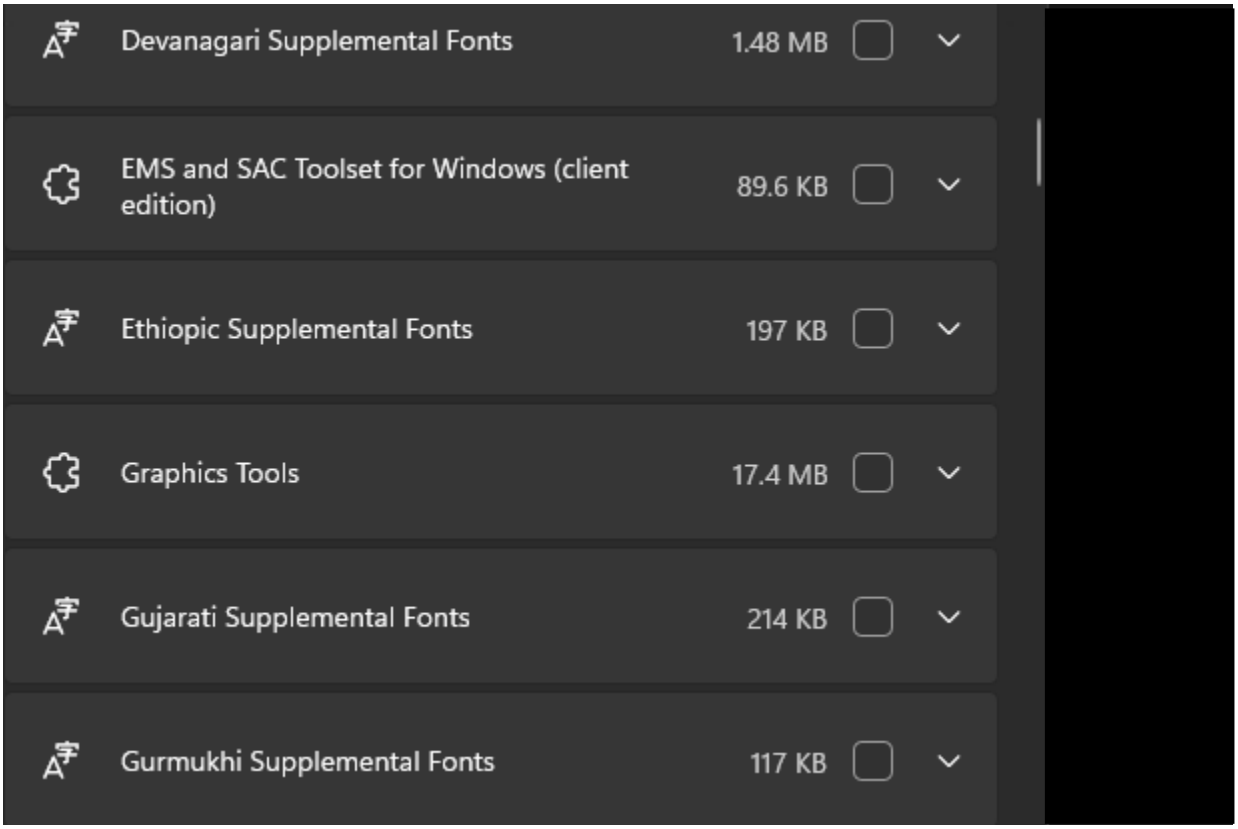

Windows Security
Windows Tools
X
Xbox
Xbox Game Bar
Y
Your Phone

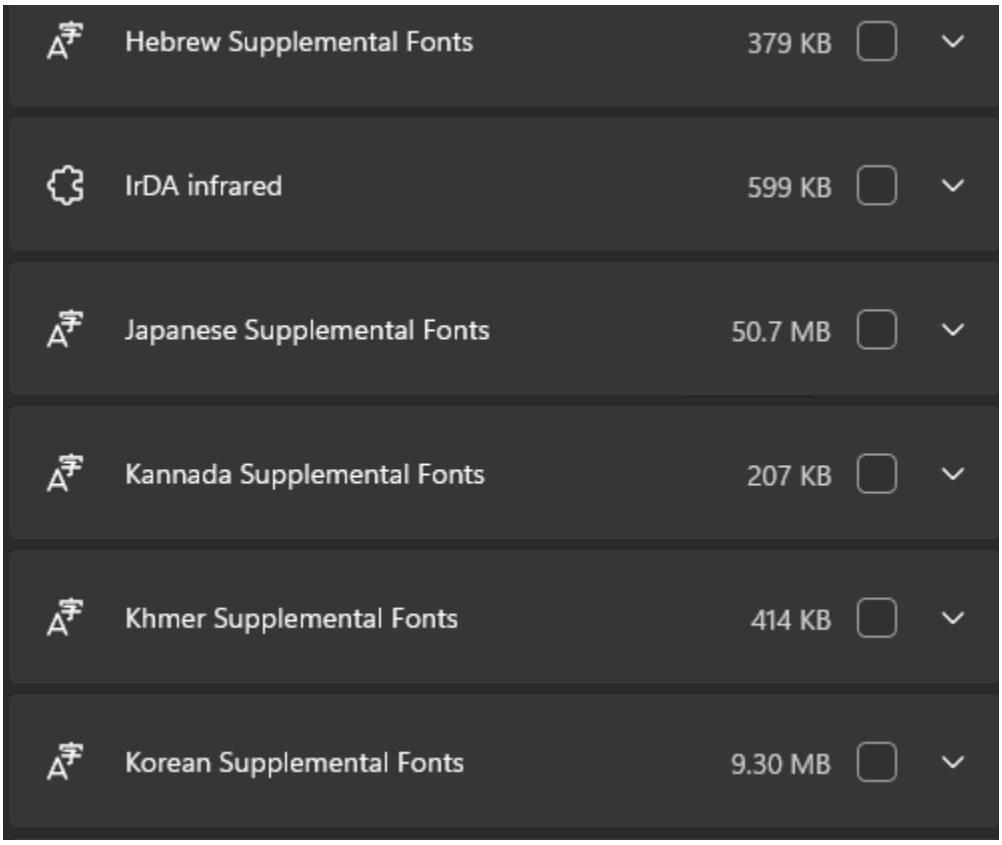

Settings
Ram
Local Account
Find a setting
System
Bluetooth & devices
Network & internet
Personalization
Apps
Accounts
Time & language
Gaming
Accessibility
Privacy & security
Windows Update
System
WIN1123H2
Virtual Machine
Rename
Windows Update
Up to date
Display
Monitors, brightness, night light, display profile
Sound
Volume levels, output, input, sound devices
Notifications
Alerts from apps and system, do not disturb
Focus
Reduce distractions
Power & battery
Sleep, battery usage, battery saver
Storage
Storage space, drives, configuration rules

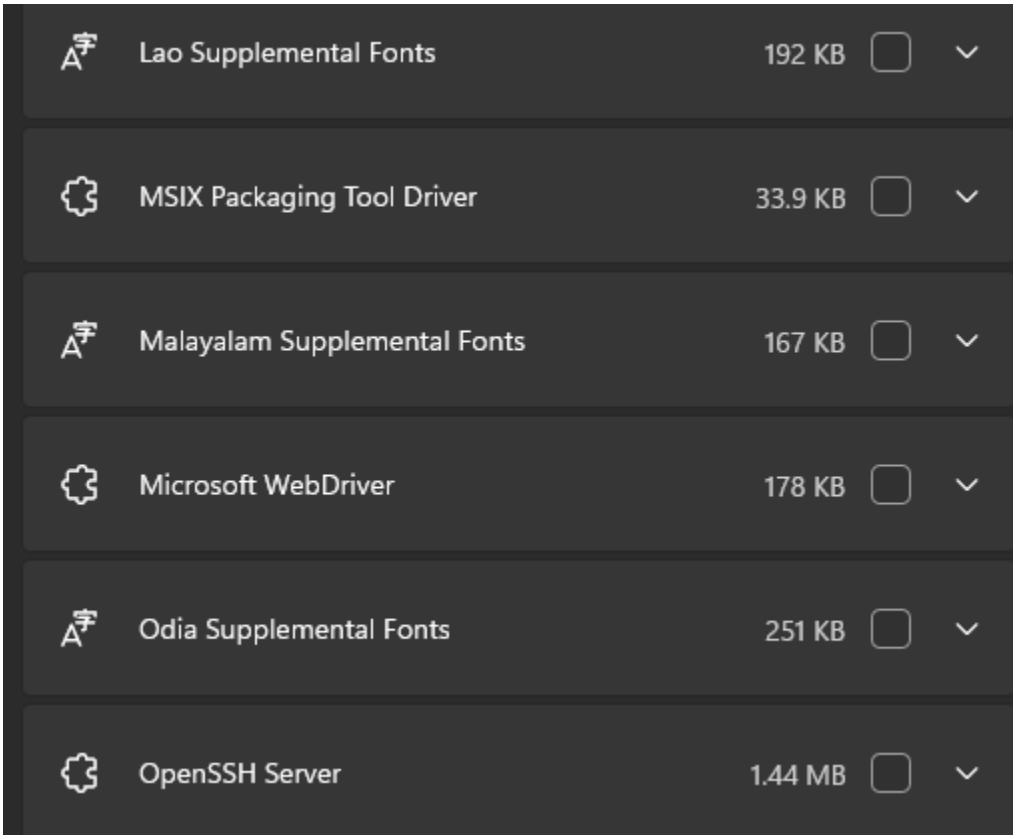
Check for updates

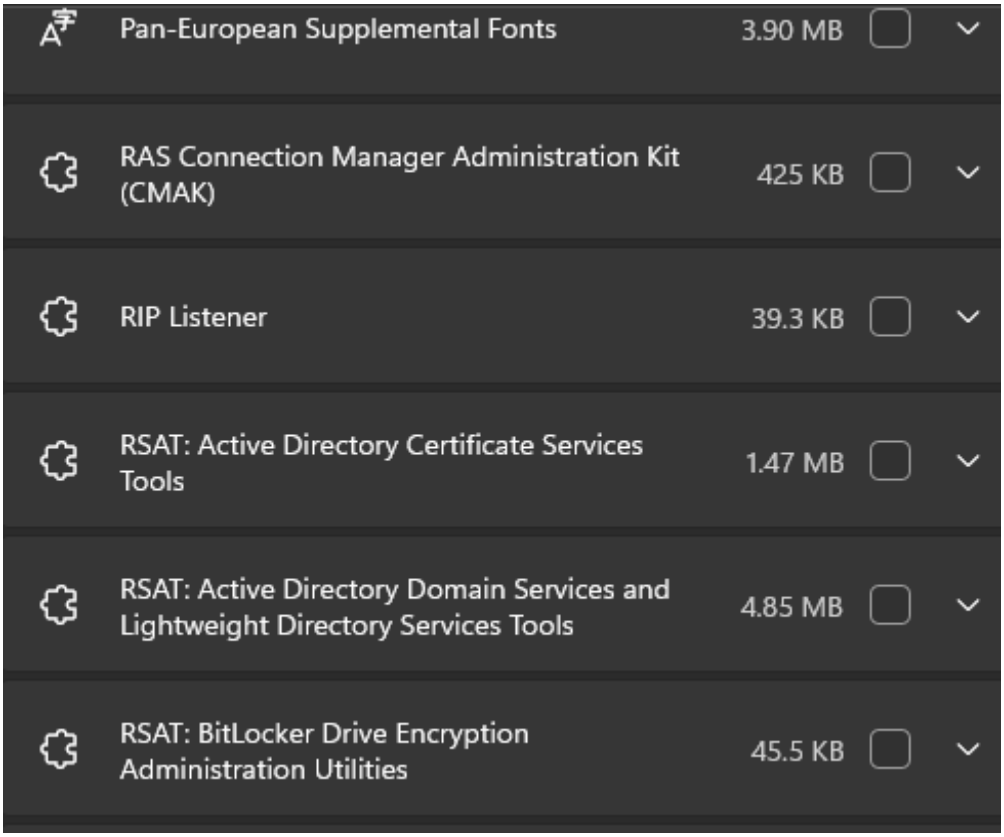
Optional Features

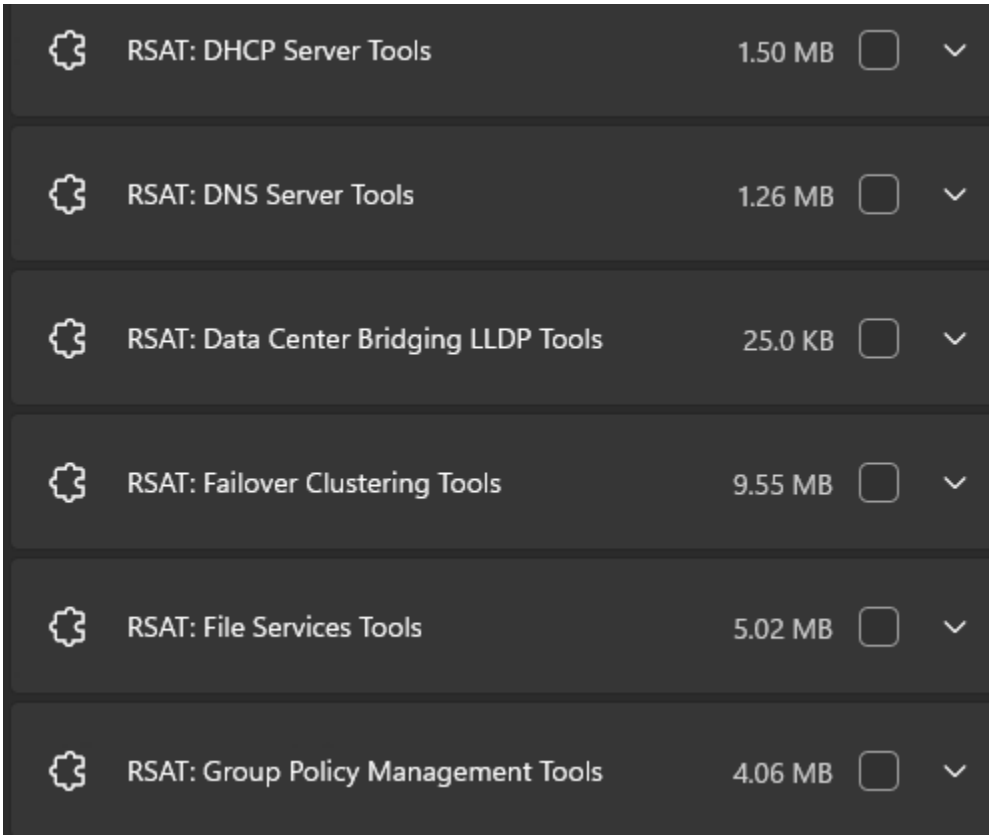


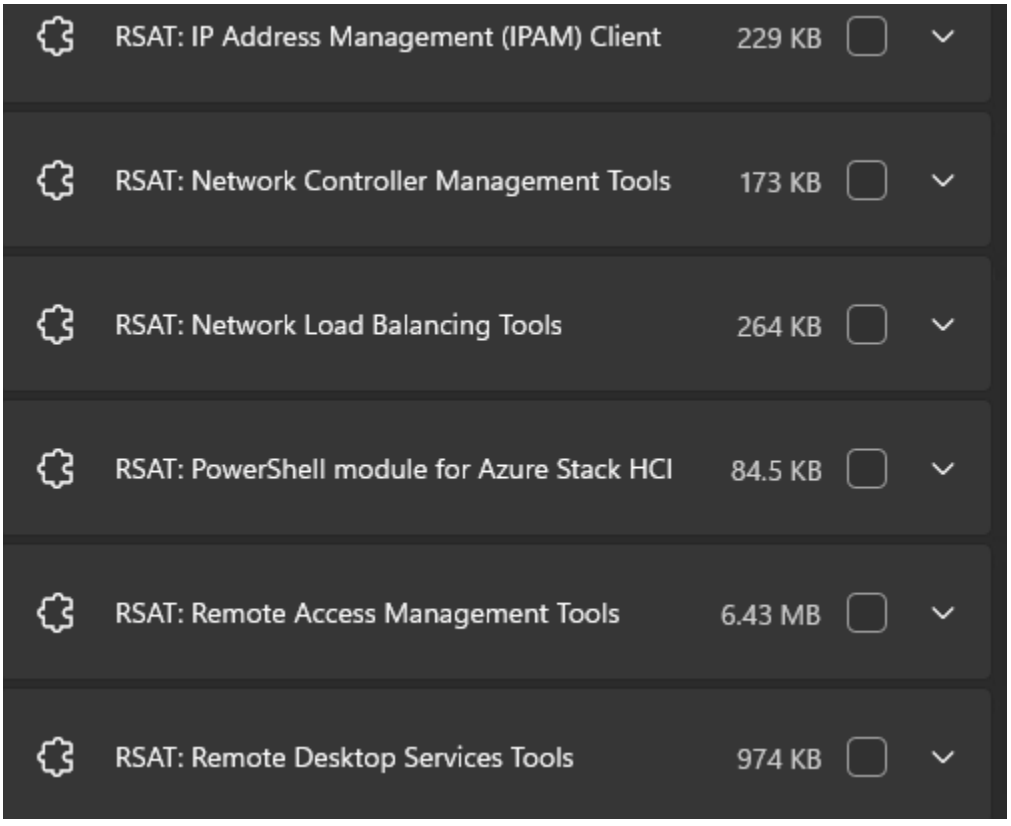

Devanagari Supplemental Fonts 1.48 MB
EMS and SAC Toolset for Windows (client edition) 89.6 KB
Ethiopic Supplemental Fonts 197 KB
Graphics Tools 17.4 MB
Gujarati Supplemental Fonts 214 KB
Gurmukhi Supplemental Fonts 117 KB

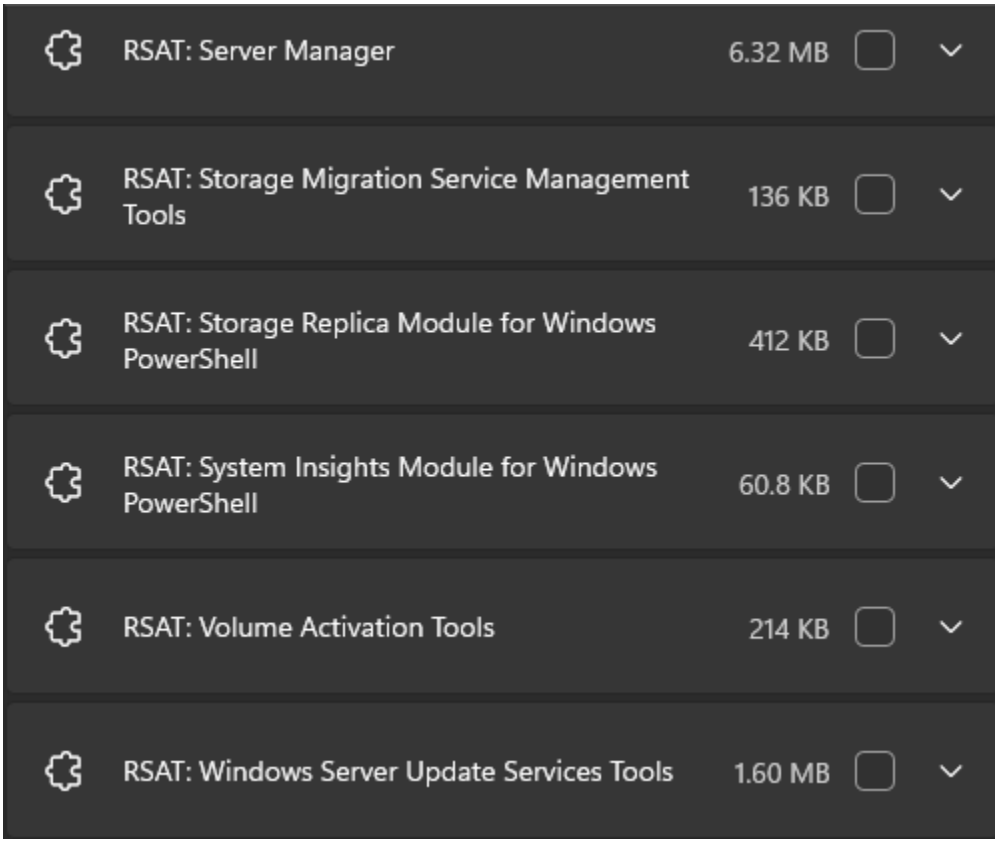

Hebrew Supplemental Fonts 379 KB
IrDA infrared 599 KB
Japanese Supplemental Fonts 50.7 MB
Kannada Supplemental Fonts 207 KB
Khmer Supplemental Fonts 414 KB
Korean Supplemental Fonts 9.30 MB

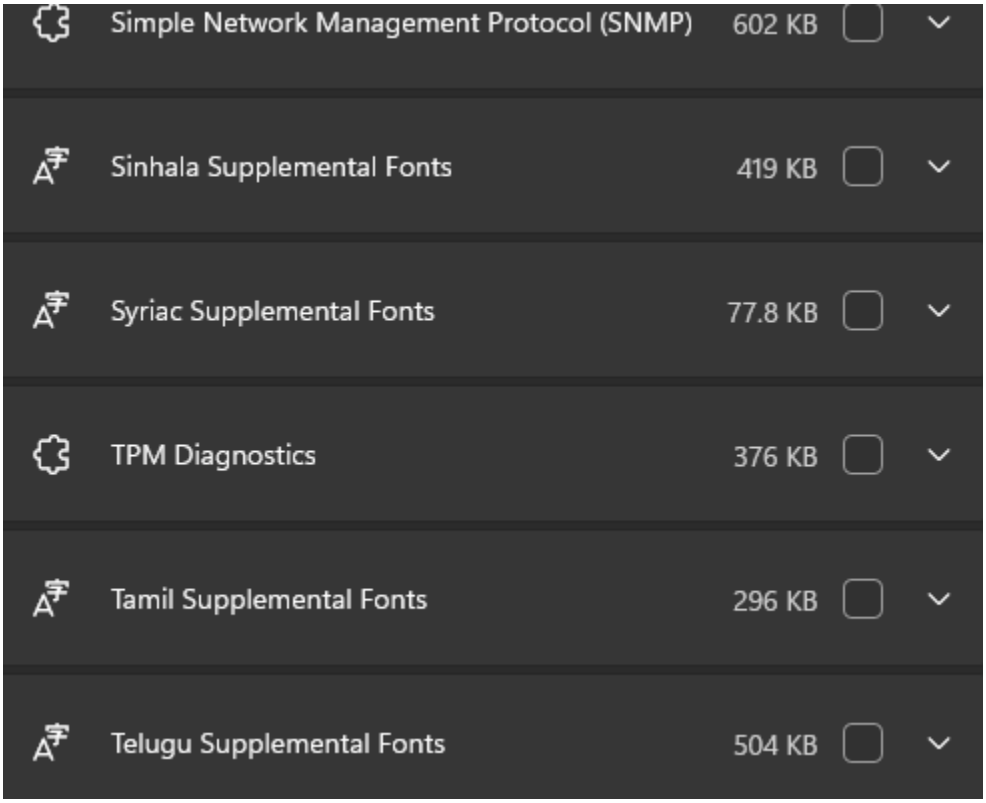

Lao Supplemental Fonts
192 KB
MSIX Packaging Tool Driver
33.9 KB
Malayalam Supplemental Fonts
167 KB
Microsoft WebDriver
178 KB
Odia Supplemental Fonts
251 KB
OpenSSH Server
1.44 MB

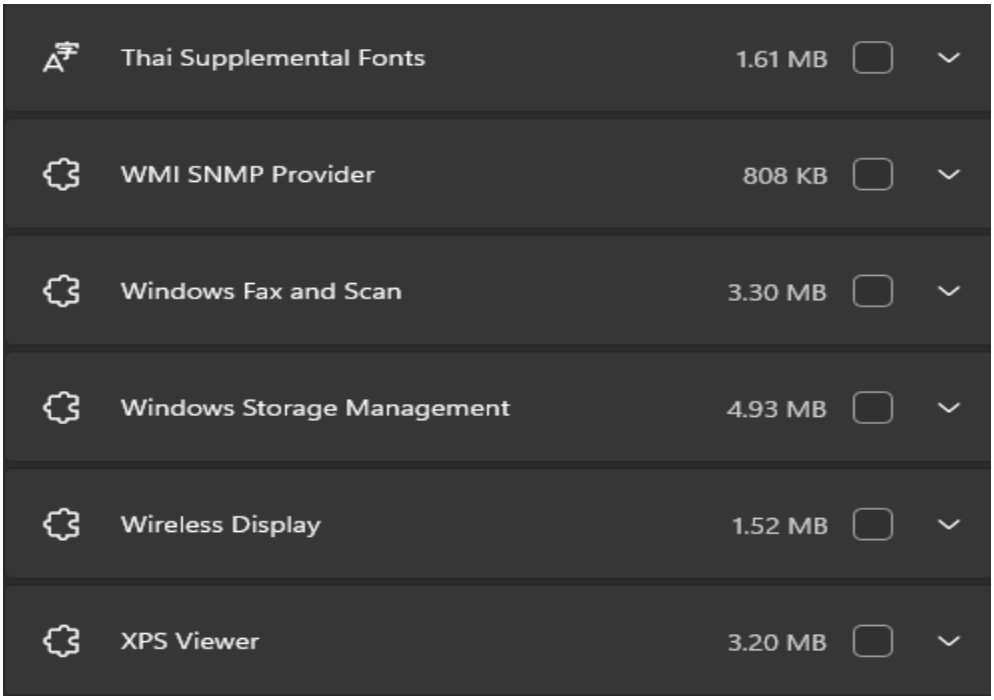

Pan-European Supplemental Fonts
3.90 MB
RAS Connection Manager Administration Kit (CMAK)
425 KB
RIP Listener
39.3 KB
RSAT: Active Directory Certificate Services Tools
1.47 MB
RSAT: Active Directory Domain Services and Lightweight Directory Services Tools
4.85 MB
RSAT: BitLocker Drive Encryption Administration Utilities
45.5 KB

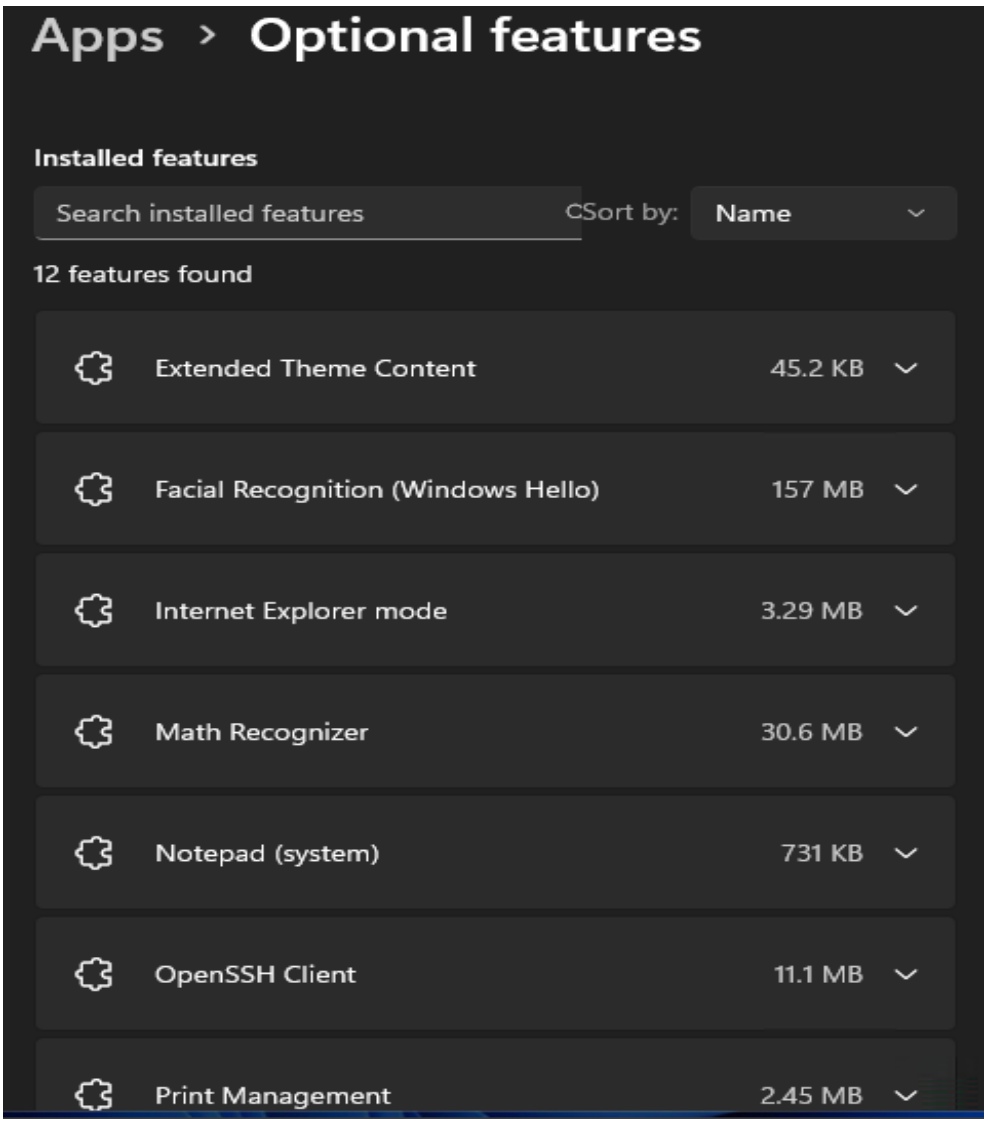

RSAT: DHCP Server Tools
1.50 MB
RSAT: DNS Server Tools
1.26 MB
RSAT: Data Center Bridging LLDP Tools
25.0 KB
RSAT: Failover Clustering Tools
9.55 MB
RSAT: File Services Tools
5.02 MB
RSAT: Group Policy Management Tools
4.06 MB

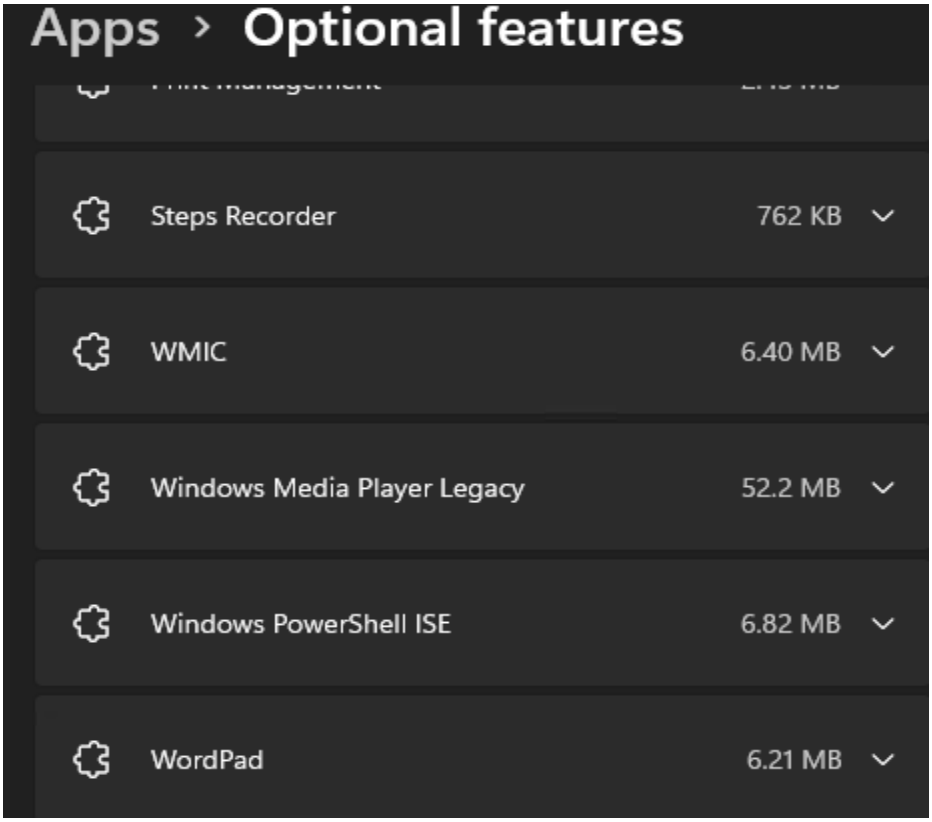

RSAT: IP Address Management (IPAM) Client
229 KB
RSAT: Network Controller Management Tools
173 KB
RSAT: Network Load Balancing Tools
264 KB
RSAT: PowerShell module for Azure Stack HCI
84.5 KB
RSAT: Remote Access Management Tools
6.43 MB
RSAT: Remote Desktop Services Tools
974 KB

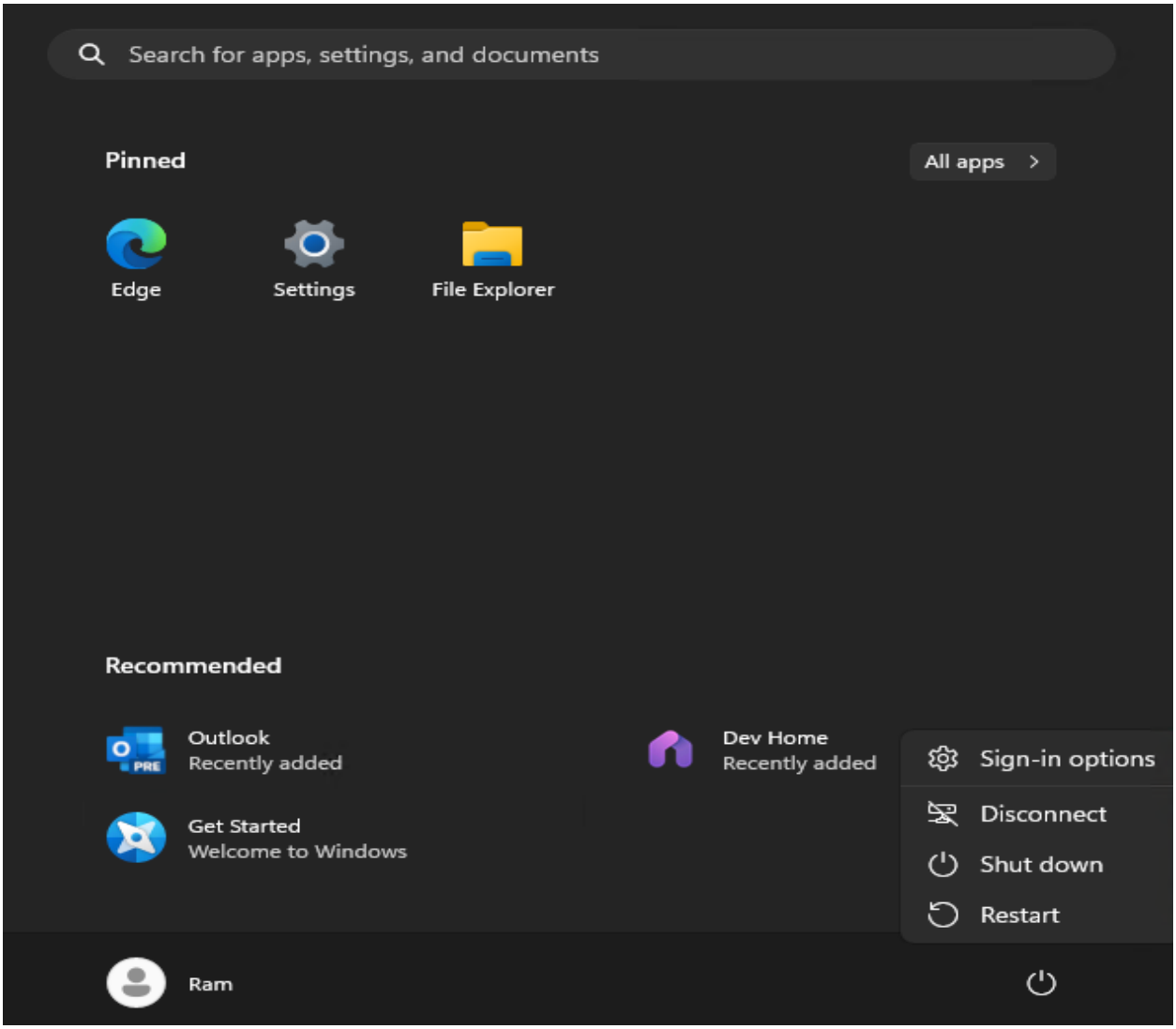

RSAT: Server Manager
6.32 MB
RSAT: Storage Migration Service Management Tools
136 KB
RSAT: Storage Replica Module for Windows PowerShell
412 KB
RSAT: System Insights Module for Windows PowerShell
60.8 KB
RSAT: Volume Activation Tools
214 KB
RSAT: Windows Server Update Services Tools
1.60 MB


Simple Network Management Protocol (SNMP)
602 KB
Sinhala Supplemental Fonts
419 KB
Syriac Supplemental Fonts
77.8 KB
TPM Diagnostics
376 KB
Tamil Supplemental Fonts
296 KB
Telugu Supplemental Fonts
504 KB

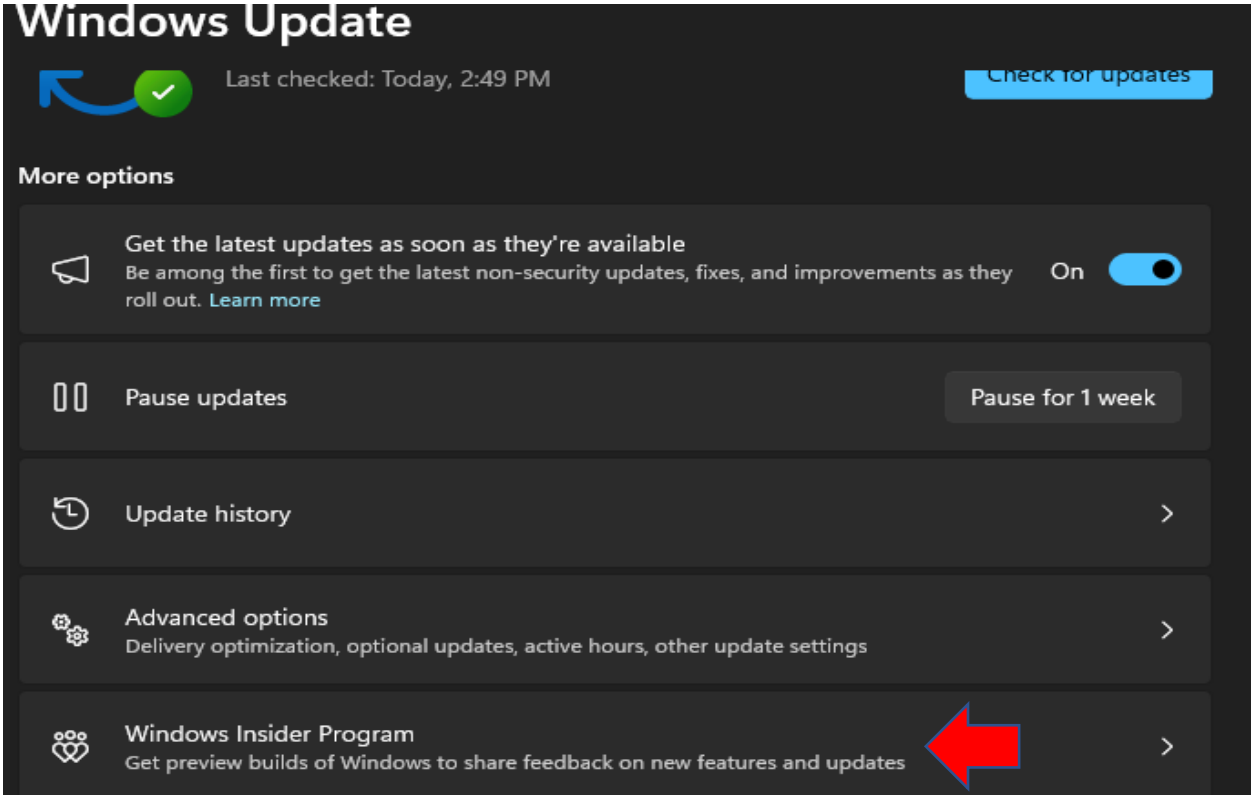

Thai Supplemental Fonts 1.61 MB
WMI SNMP Provider 808 KB
Windows Fax and Scan 3.30 MB
Windows Storage Management 4.93 MB
Wireless Display 1.52 MB
XPS Viewer 3.20 MB

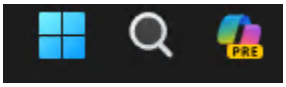

Apps › Optional features
Installed features
Search installed features
Sort by: Name
12 features found
Extended Theme Content 45.2 KB
Facial Recognition (Windows Hello) 157 MB
Internet Explorer mode 3.29 MB
Math Recognizer 30.6 MB
Notepad (system) 731 KB
OpenSSH Client 11.1 MB
Print Management 2.45 MB

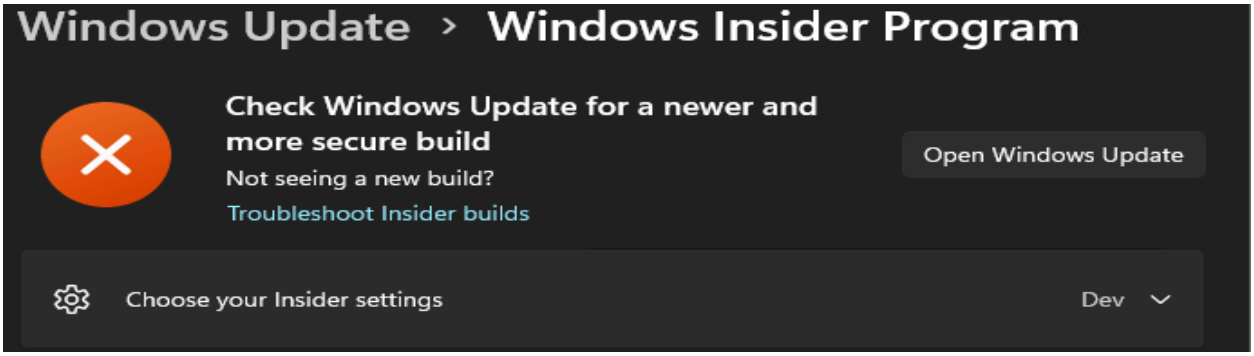

Apps › Optional features
Steps Recorder 762 KB
WMIC 6.40 MB
Windows Media Player Legacy 52.2 MB
Windows PowerShell ISE 6.82 MB
WordPad 6.21 MB


Search for apps, settings, and documents
Pinned
All apps
Edge
Settings
File Explorer
Recommended
Outlook
Recently added
Dev Home
Recently added
Get Started
Welcome to Windows
Sign-in options
Disconnect
Shut down
Restart
Ram

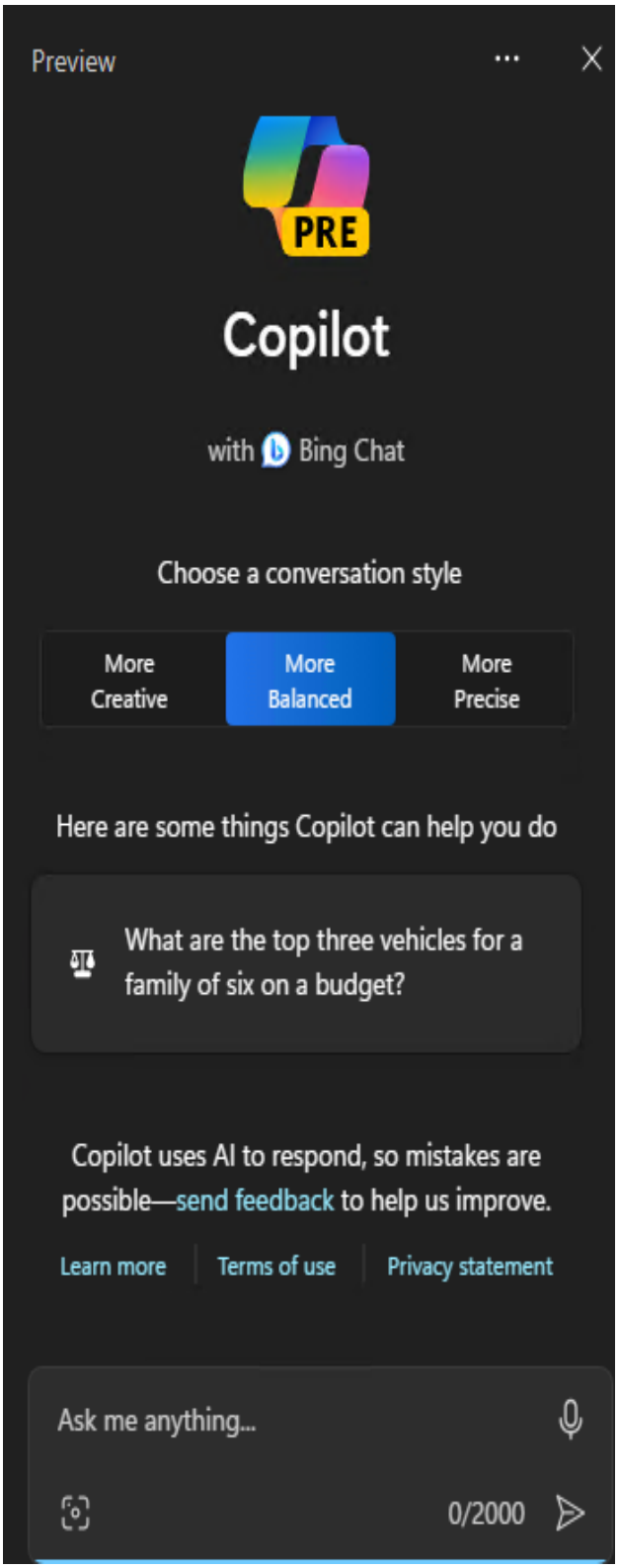
About co-pilot - Make sure to join Dev beta program otherwise you won't see co-pilot icon in taskbar

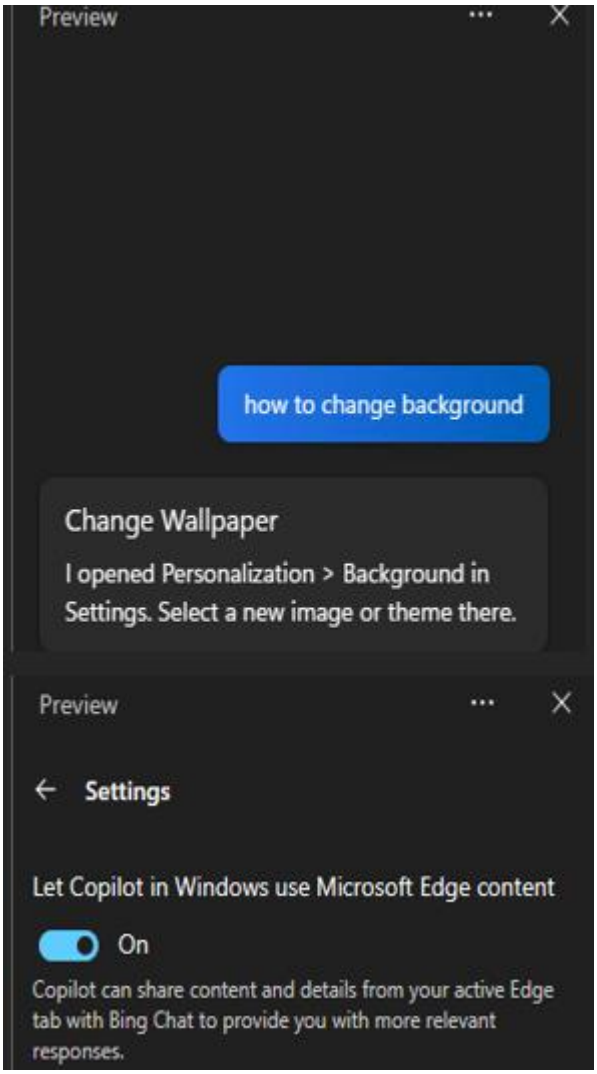


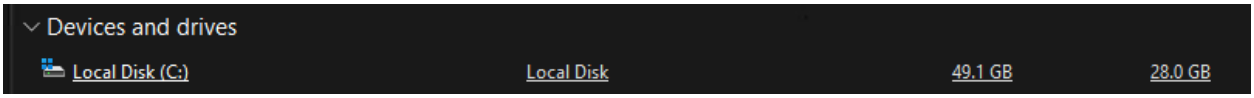



Open Co-pilot and ask anything



After installing all the updates and operating system the amount of space used is pretty big.  I started with 50GB – left is 28GB.




This concludes preview of Windows 11 23H2.

Thanks

**Ram**
**2nd Oct 2023**

**LINKS:**

https://www.windowscentral.com/software-apps/windows-11/windows-11-version-23h2-new-features-release-date-changelog-2023-update

https://blogs.windows.com/windows-insider/2023/09/26/releasing-windows-11-version-23h2-to-the-release-preview-channel/

https://pureinfotech.com/windows-11-23h2-new-features/

https://www.youtube.com/watch?v=IYHJ_OktKYU

https://www.youtube.com/watch?v=n-nm1mIkZd4

https://www.youtube.com/watch?v=UkCsNounUp8

https://www.youtube.com/watch?v=n-nm1mIkZd4