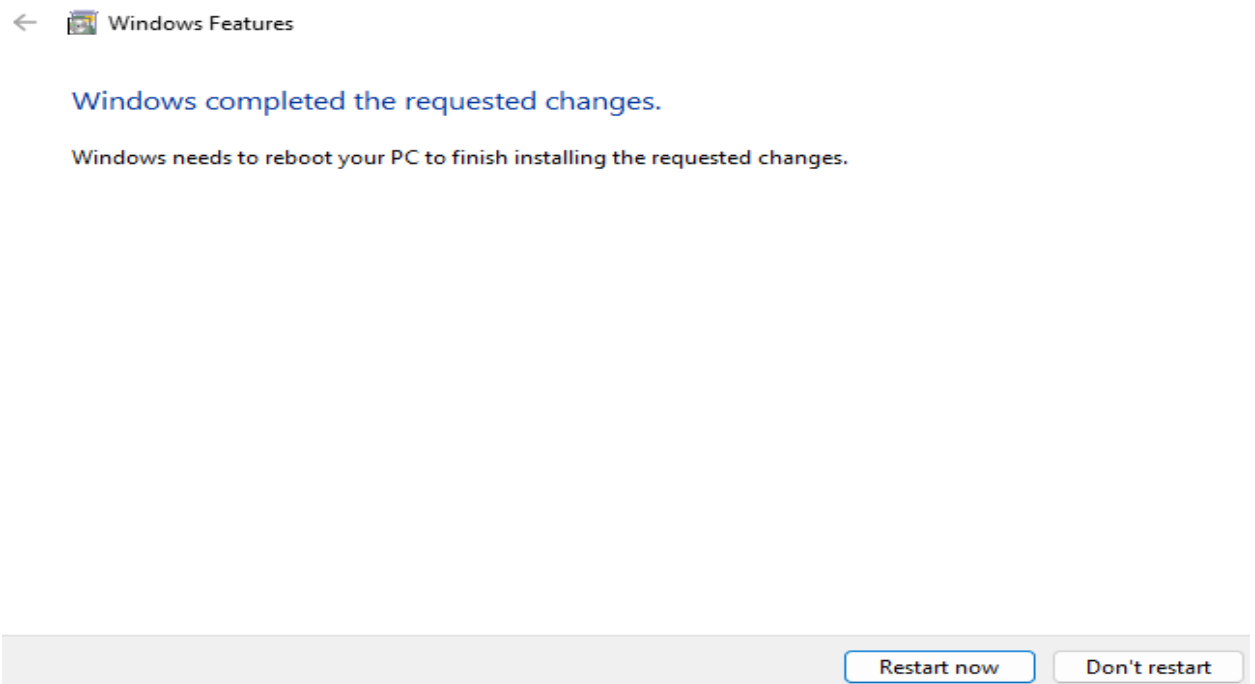
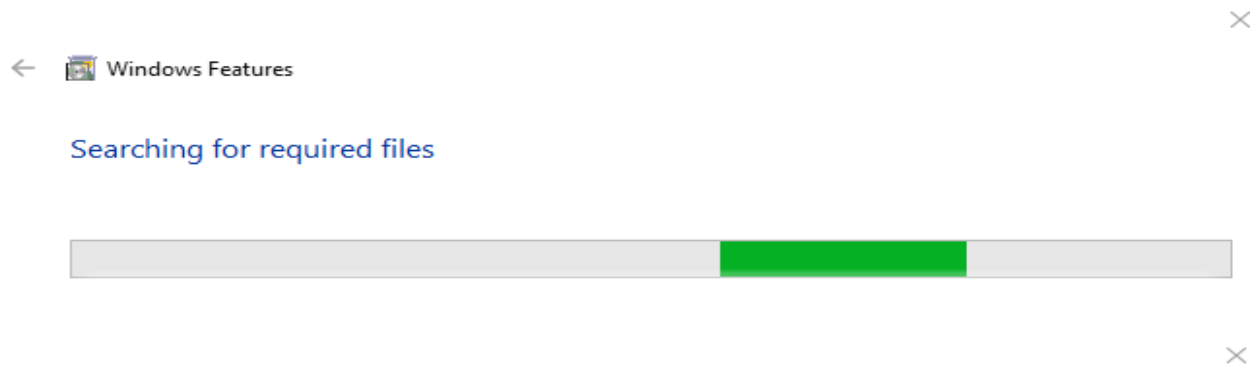
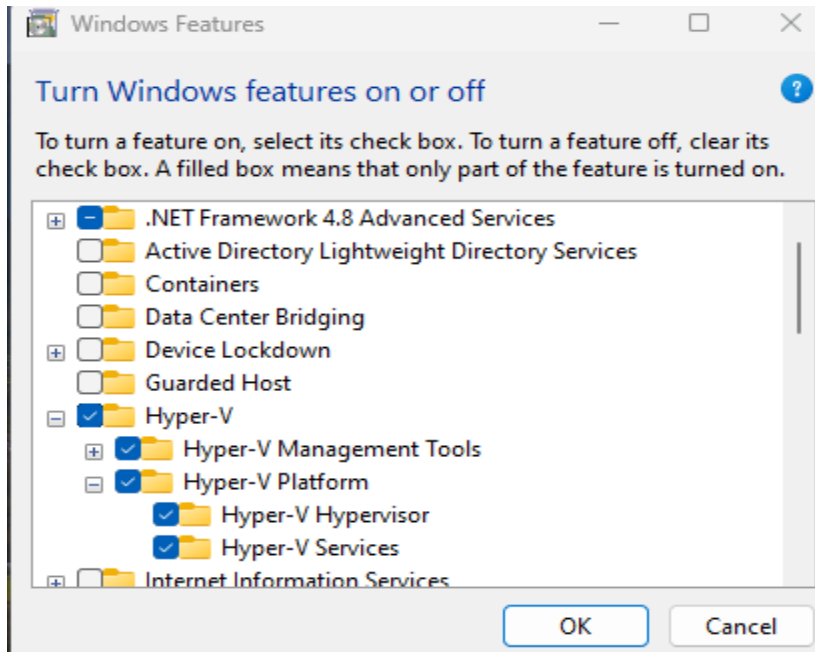


Testing Windows 11 23H2 Preview Release with Co-pilot

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>

Select edition ▼

Select edition

- Windows 11 Insider Preview (Canary Channel) - Build 25951
- Windows 11 Insider Preview (Dev Channel) - Build 23545
- Windows 11 Insider Preview (Beta Channel) - Build 22621
- Windows 11 Insider Preview (Release Preview Channel) - Build 22631
- Windows 10 Insider Preview (Release Preview Channel) - Build 19045.1826
- Windows 11 Insider Preview Enterprise (Canary Channel) - Build 25951
- Windows 11 Insider Preview Enterprise (Dev Channel) - Build 23545
- Windows 11 Insider Preview Enterprise (Beta Channel) - Build 22621
- Windows 11 Insider Preview Enterprise (Release Preview Channel) - Build 22631

Select edition

The Windows Insider Preview option now includes these editions: Home, Pro, Education, and Home Single Language

To learn more about the differences between Dev Channel, Beta Channel, and Release Preview Channel, please [click here](#).

Windows 11 Insider Preview Enterprise (Release Preview Channel) ▼

Confirm

Select the product language

English (United States) ▼

Confirm

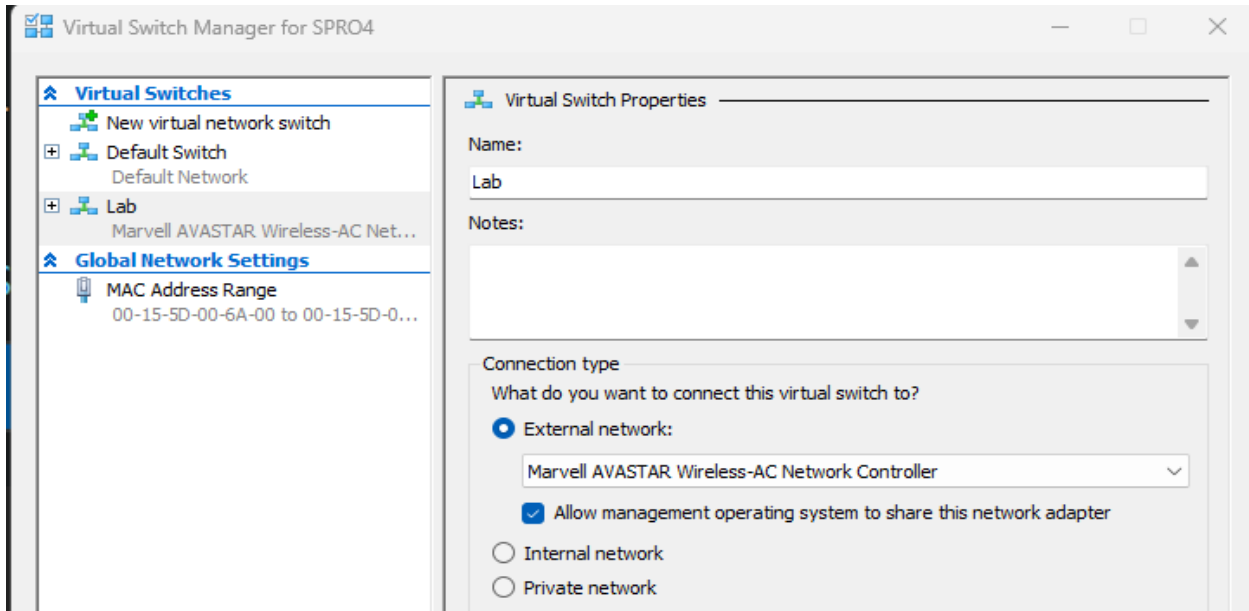
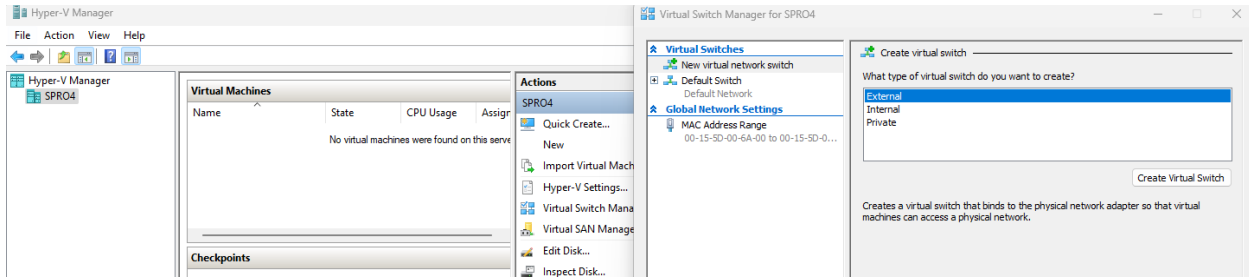
Downloads

Choose a link below to begin the download.

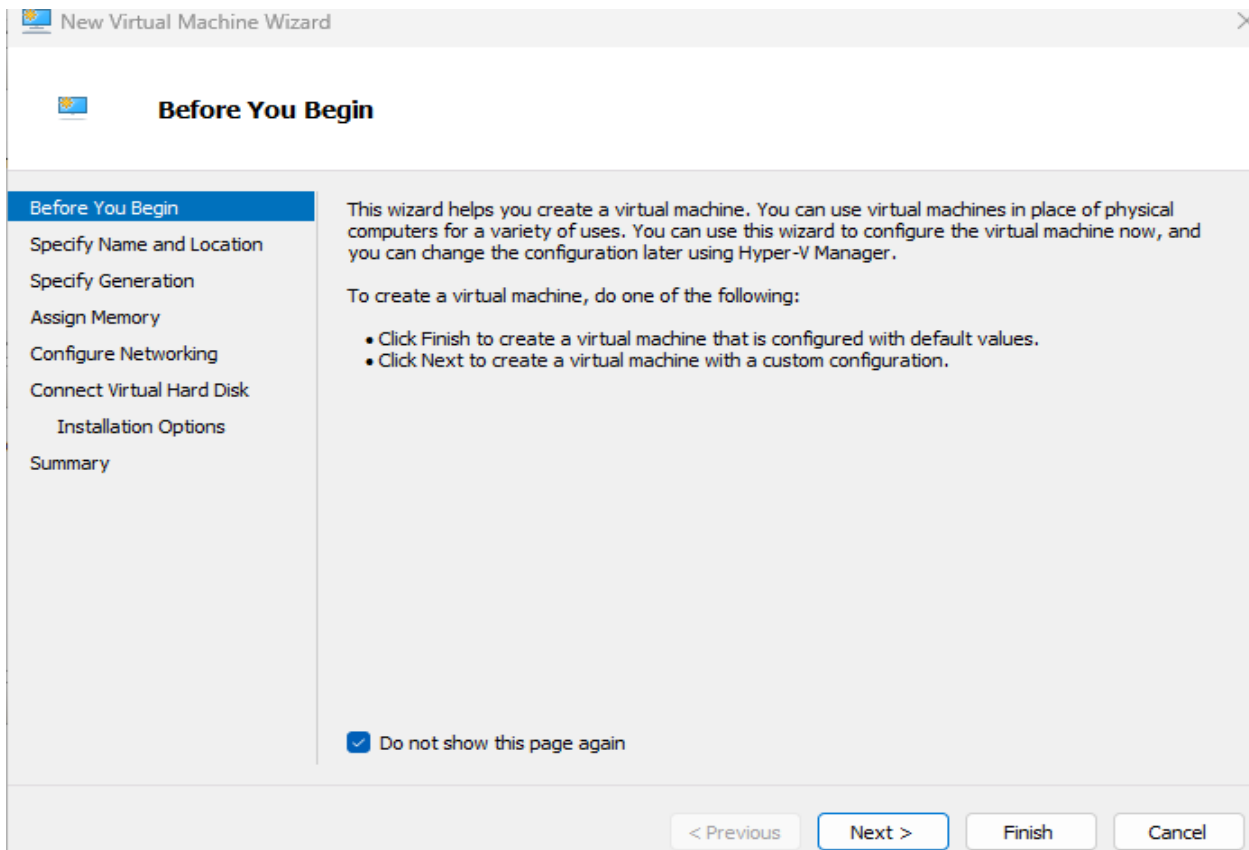
Windows 11 Enterprise VL Insider Preview - Build 22631 English

64-bit Download

Create virtual switch



Create virtual machine





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:

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:

 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.



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](#)



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: MB

Use Dynamic Memory for this virtual machine.

i 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



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:

< Previous

Next >

Finish

Cancel

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:

Location:

Size: GB (Maximum: 64 TB)

Use an existing virtual hard disk

Use this option to attach an existing VHDX virtual hard disk.

Location:

Attach a virtual hard disk later

Use this option to skip this step now and attach an existing virtual hard disk later.

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.

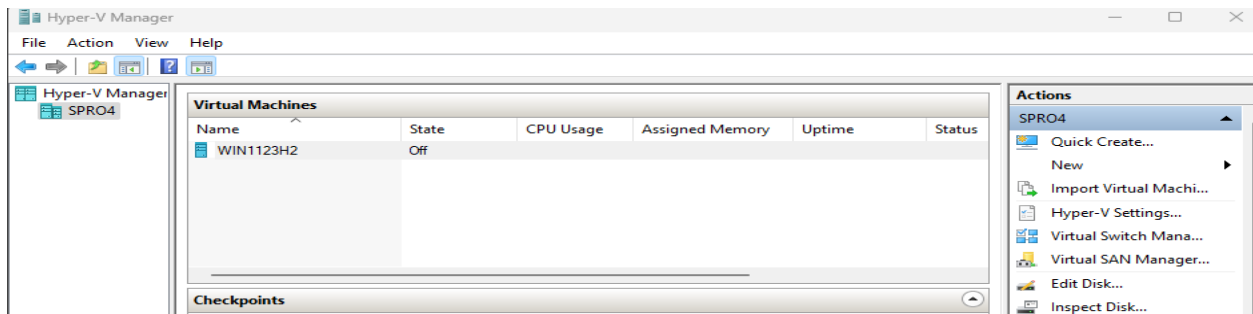
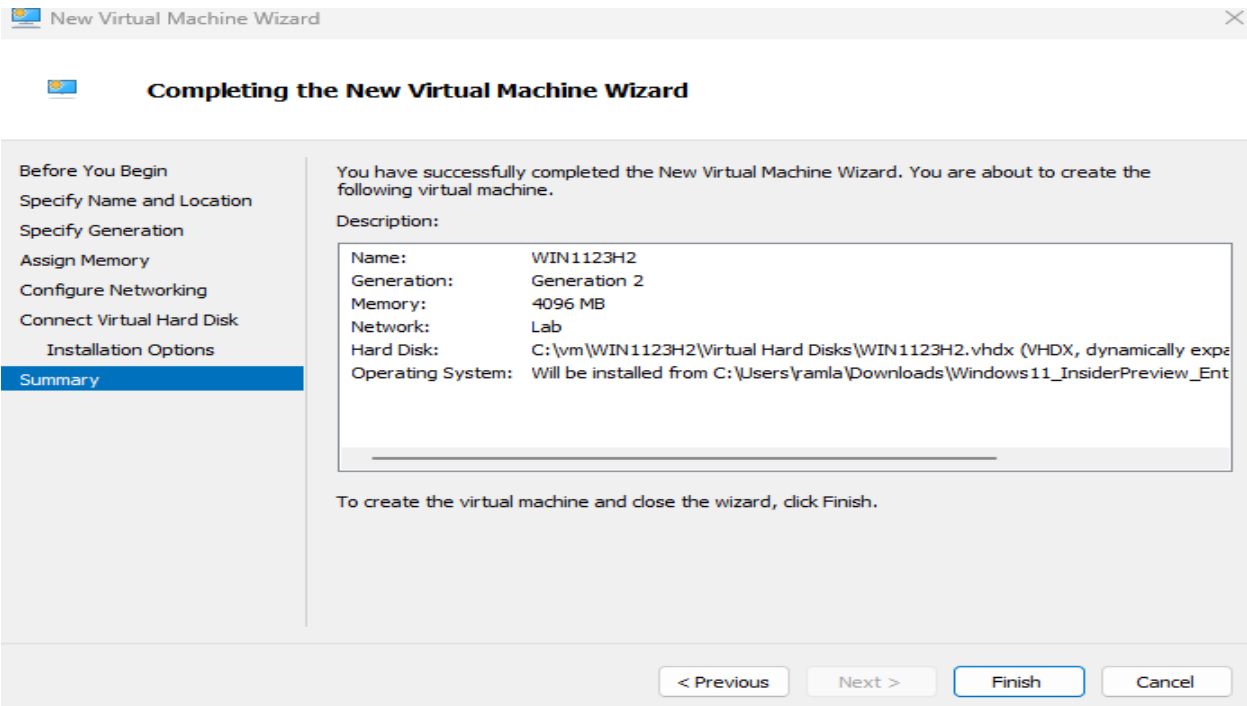
Install an operating system later

Install an operating system from a bootable image file

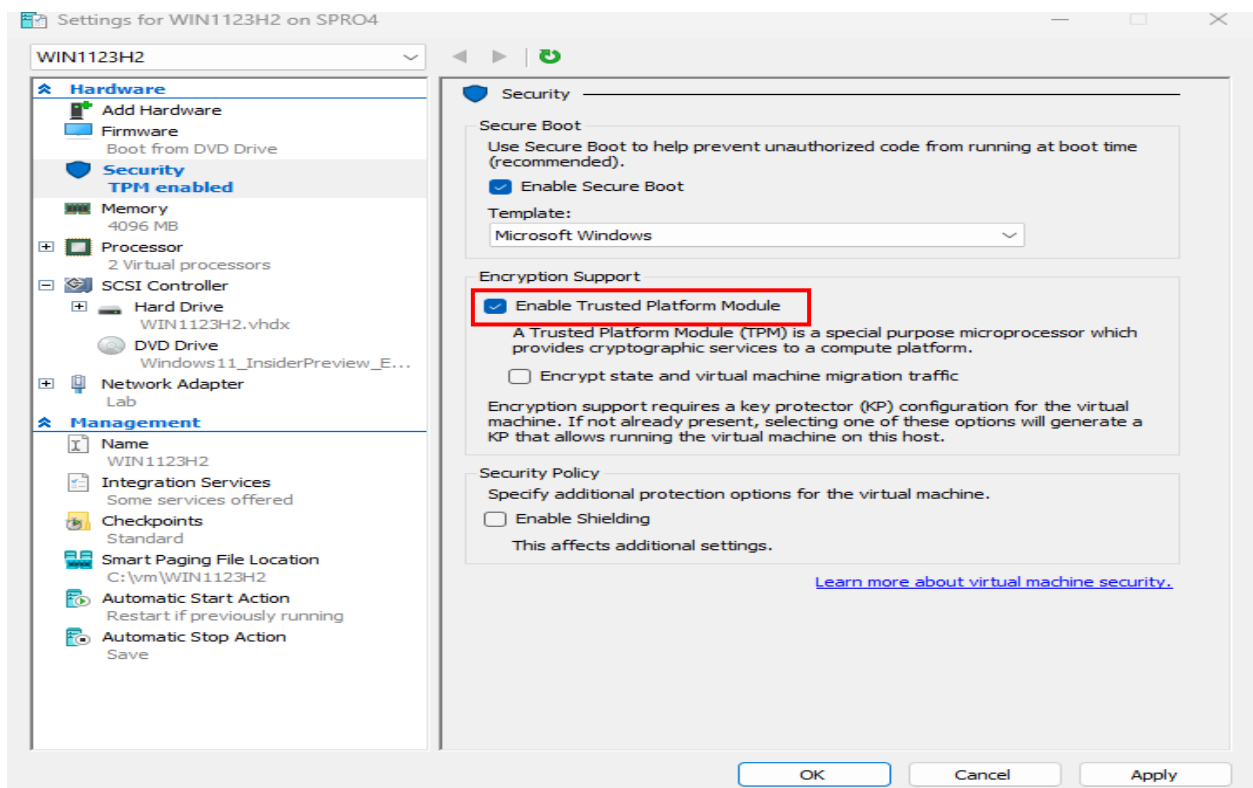
Media

Image file (.iso):

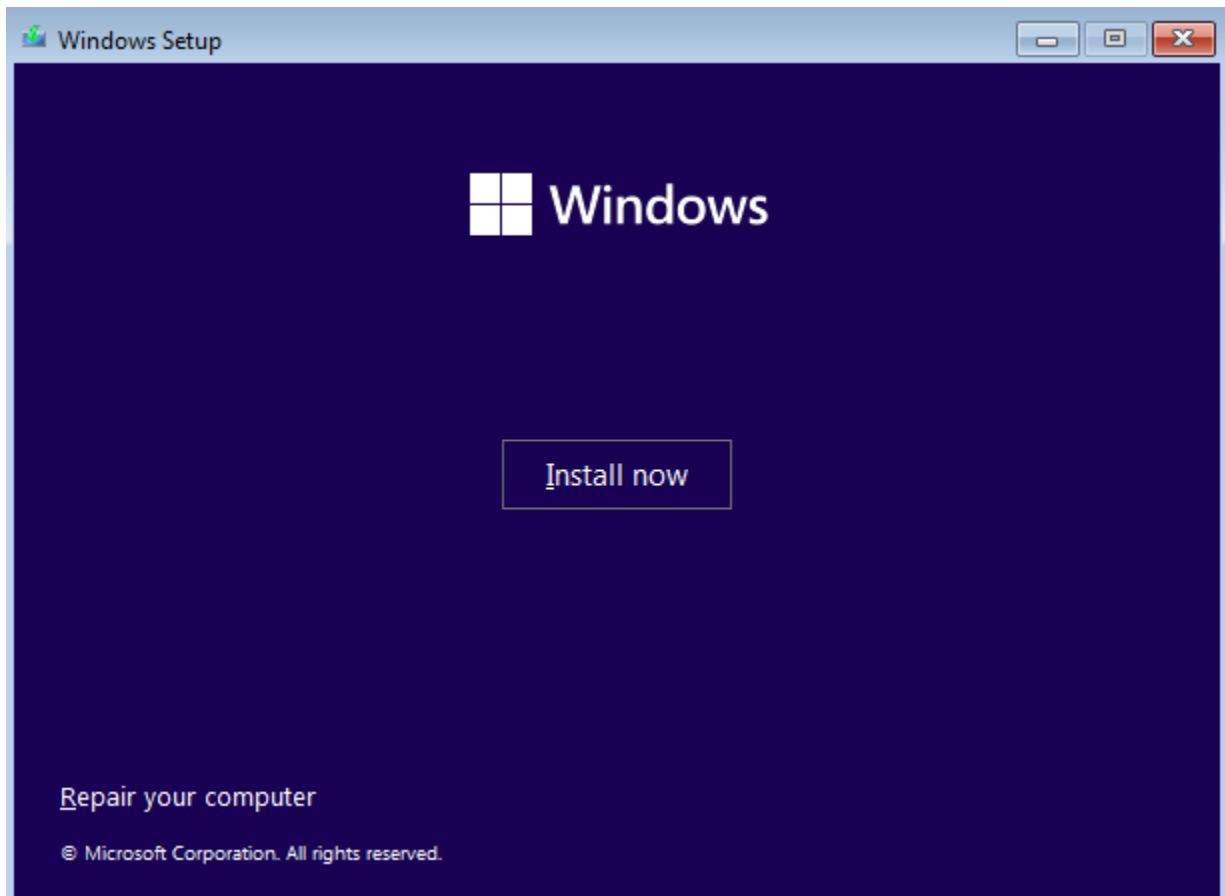
Install an operating system from a network-based installation server



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
Windows 11 Pro Education N	x64	9/16/2023

Description:
Windows 11 Enterprise

Next

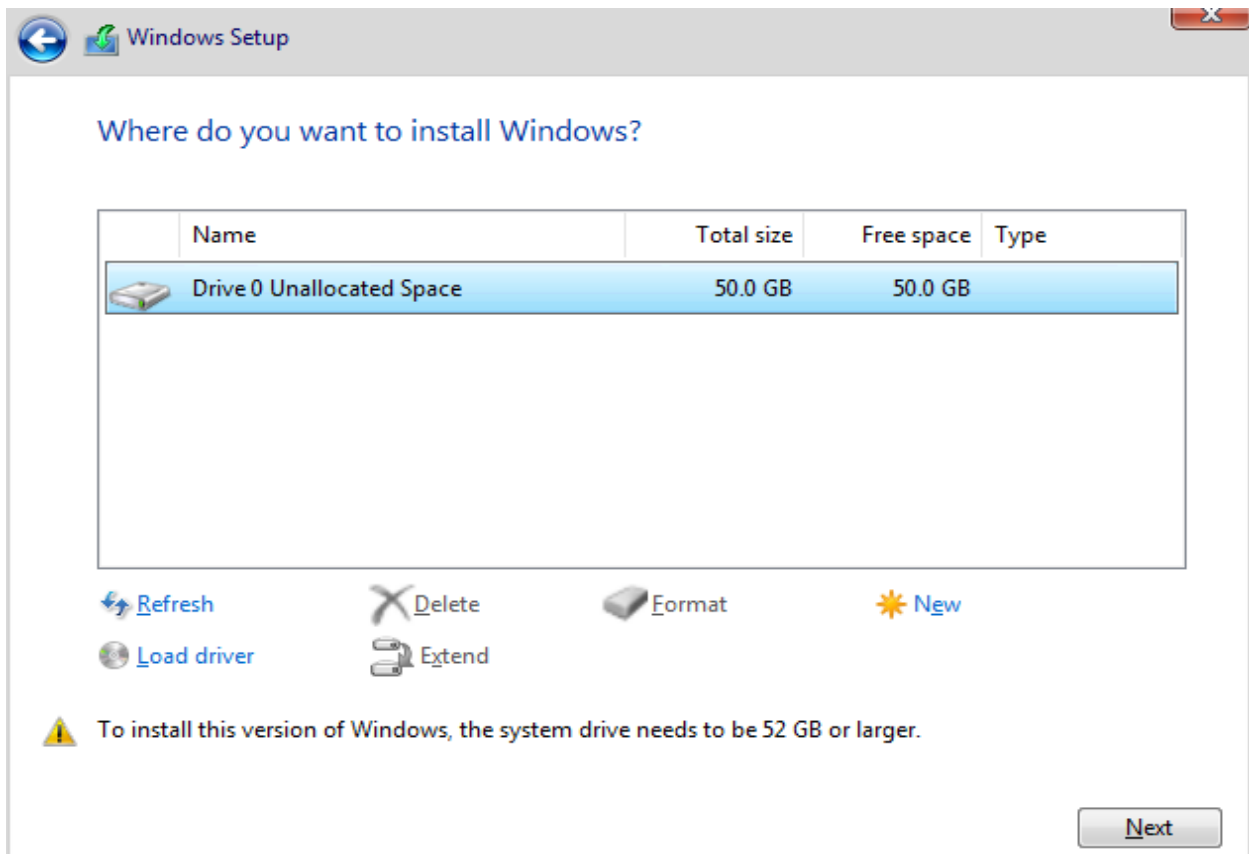
Windows Setup

Applicable notices and license terms

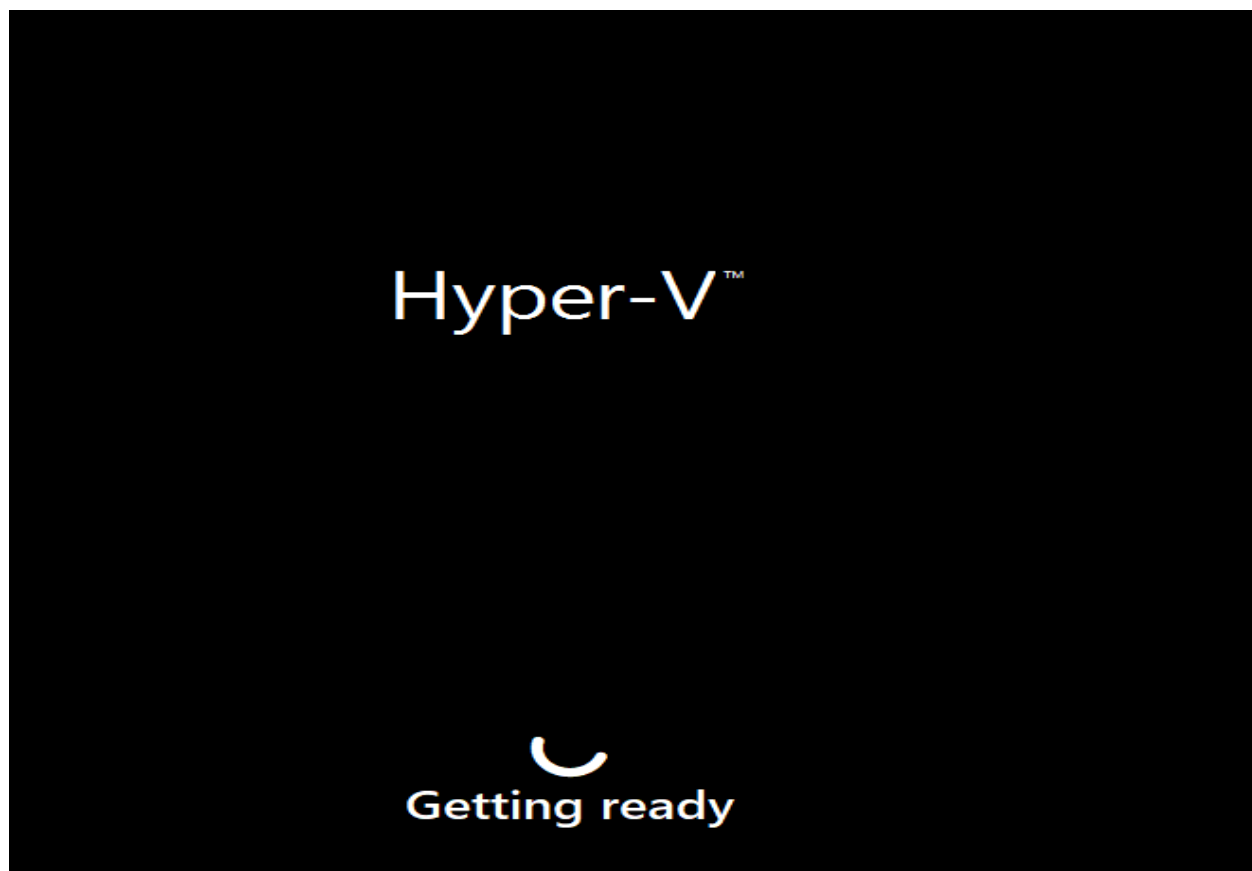
Your use of this software is subject to the terms and conditions of the license agreement by which you acquired this software. If you are a volume license customer, use of this software is subject to your volume license agreement. You may not use this software if you have not validly acquired a license 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

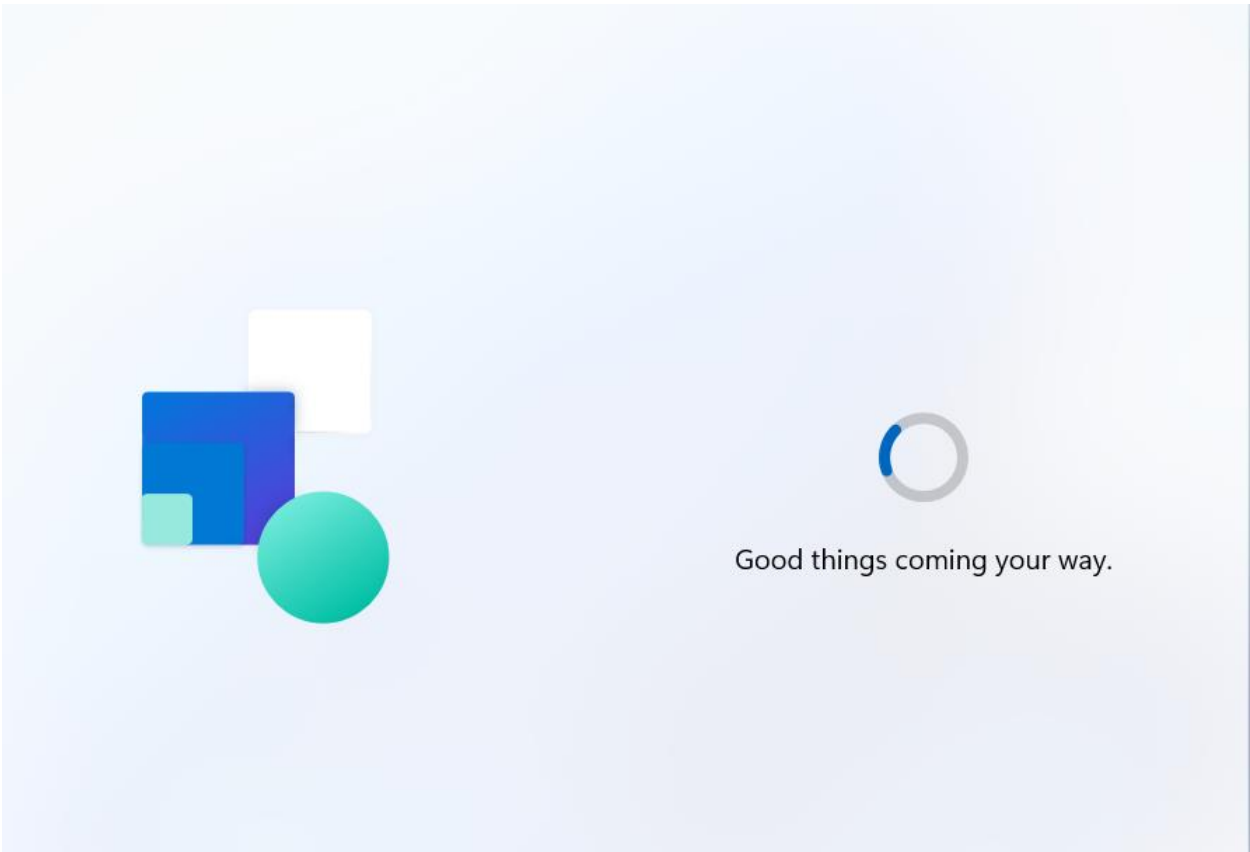
Let's connect you to a network

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



Let's set things up for your work or school

You'll use this info to sign in to your devices.

 Microsoft

Sign in

[Sign in with a security key ?](#)

[Sign-in options](#)

Choosing **Next** means that you agree to the [Microsoft Services Agreement](#) and [privacy and cookies statement](#).

[Next](#)

Who's going to use this device?

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

Enter your name



Even better, use an online account



Next



Create a super memorable password

Make sure to pick something you'll absolutely remember.

Enter a password



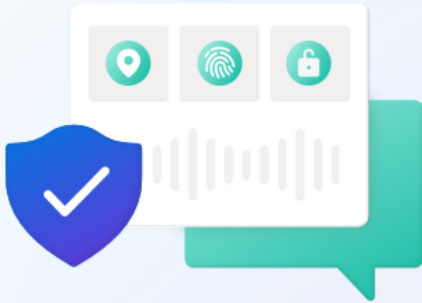
Even better, use an online account



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

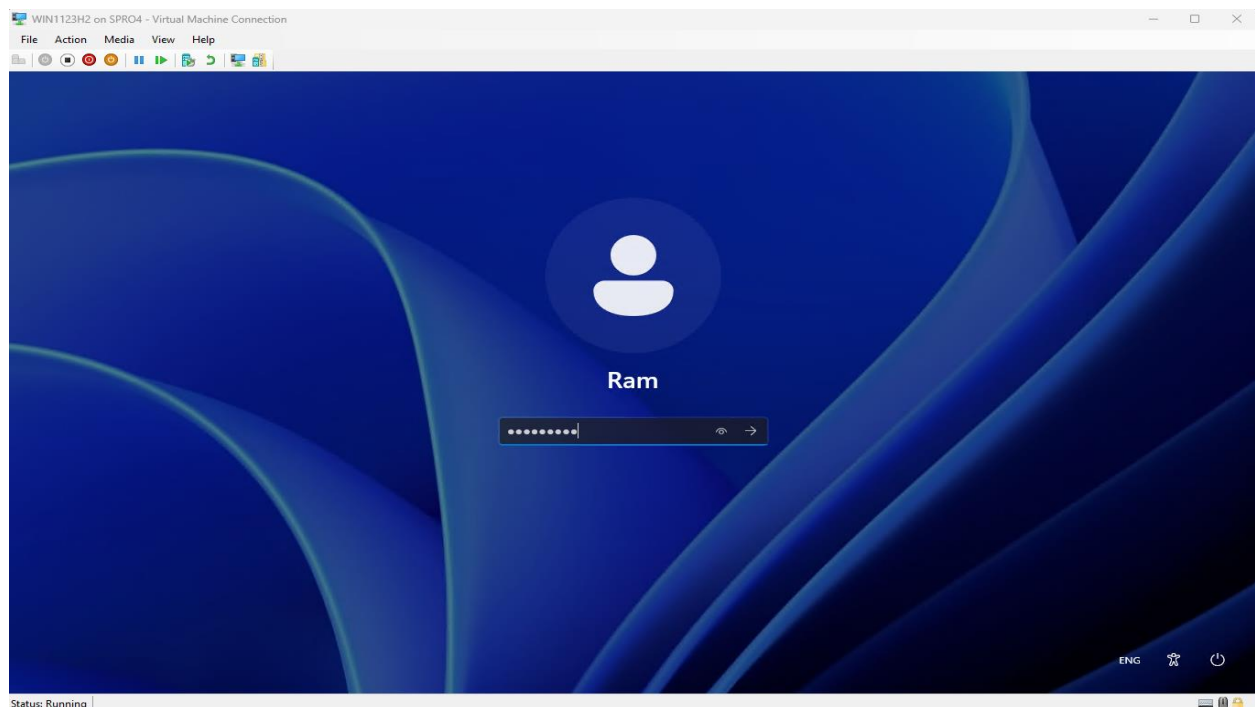
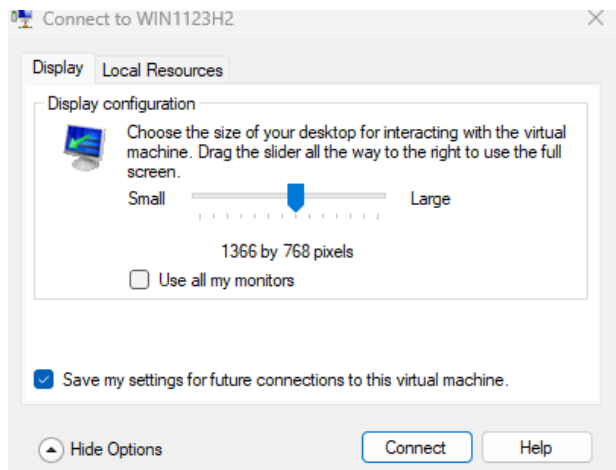
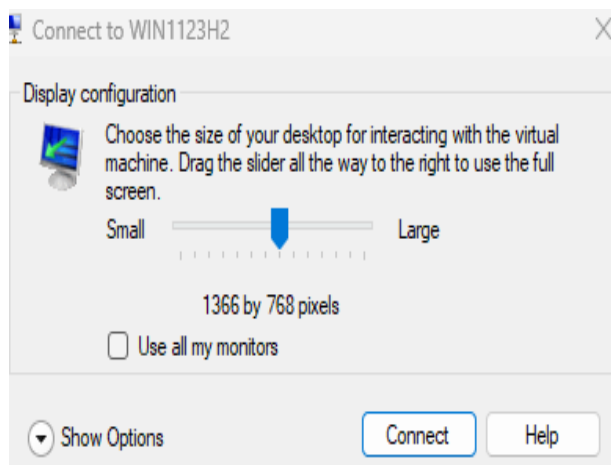
The number of ads you see won't change, but they may be less relevant to you.

[Learn more](#)

Accept

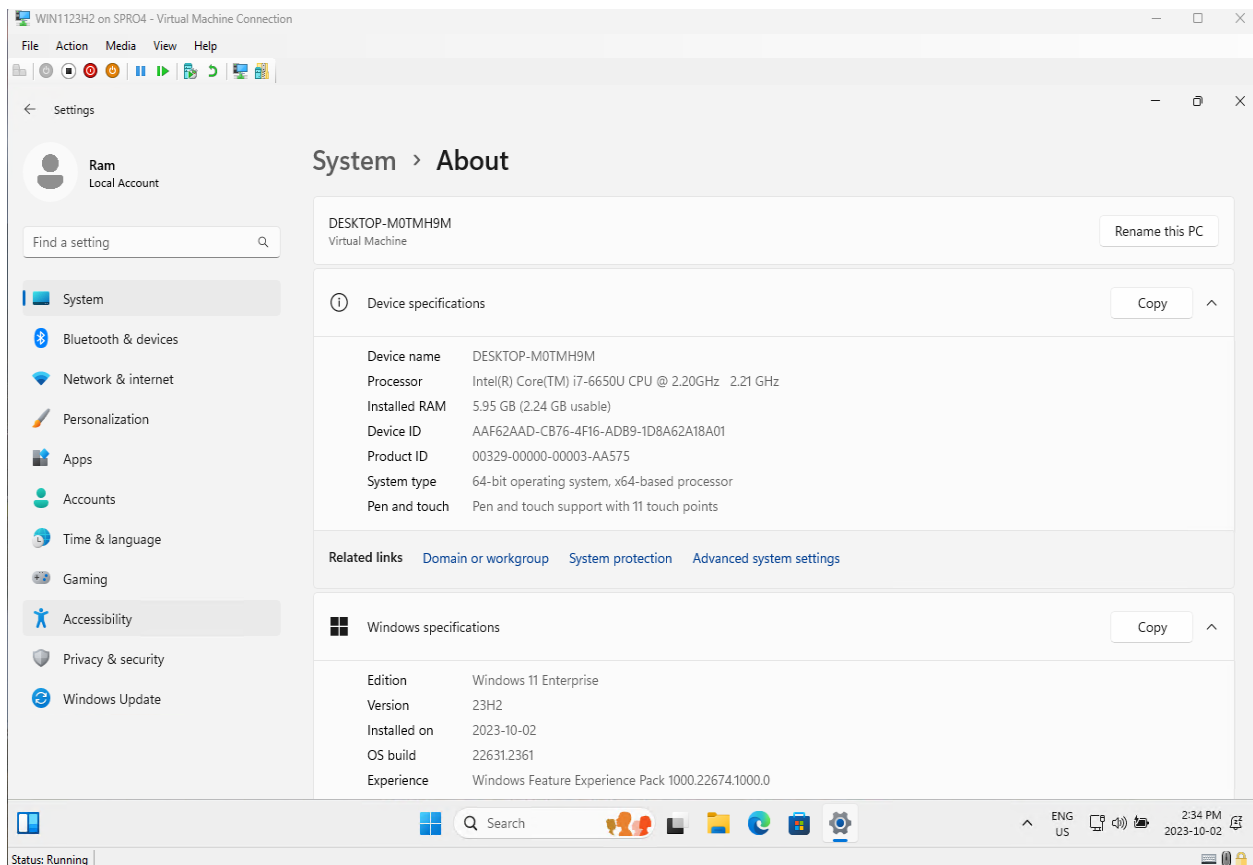
Please keep your PC on and plugged in.

Don't turn off your PC

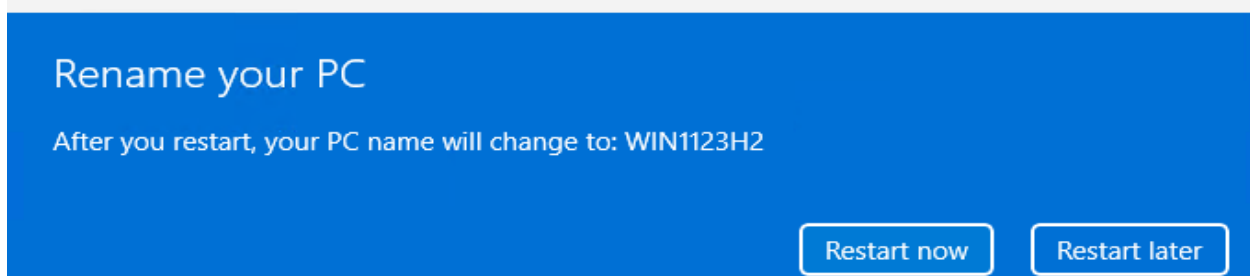




Rename the PC




Rename your 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

System


WIN1123H2
Virtual Machine
Rename

Windows Update
Up to date

- System
- Bluetooth & devices
- Network & internet
- Personalization
- Apps
- Accounts
- Time & language
- Gaming
- Accessibility
- Privacy & security
- Windows Update

- 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

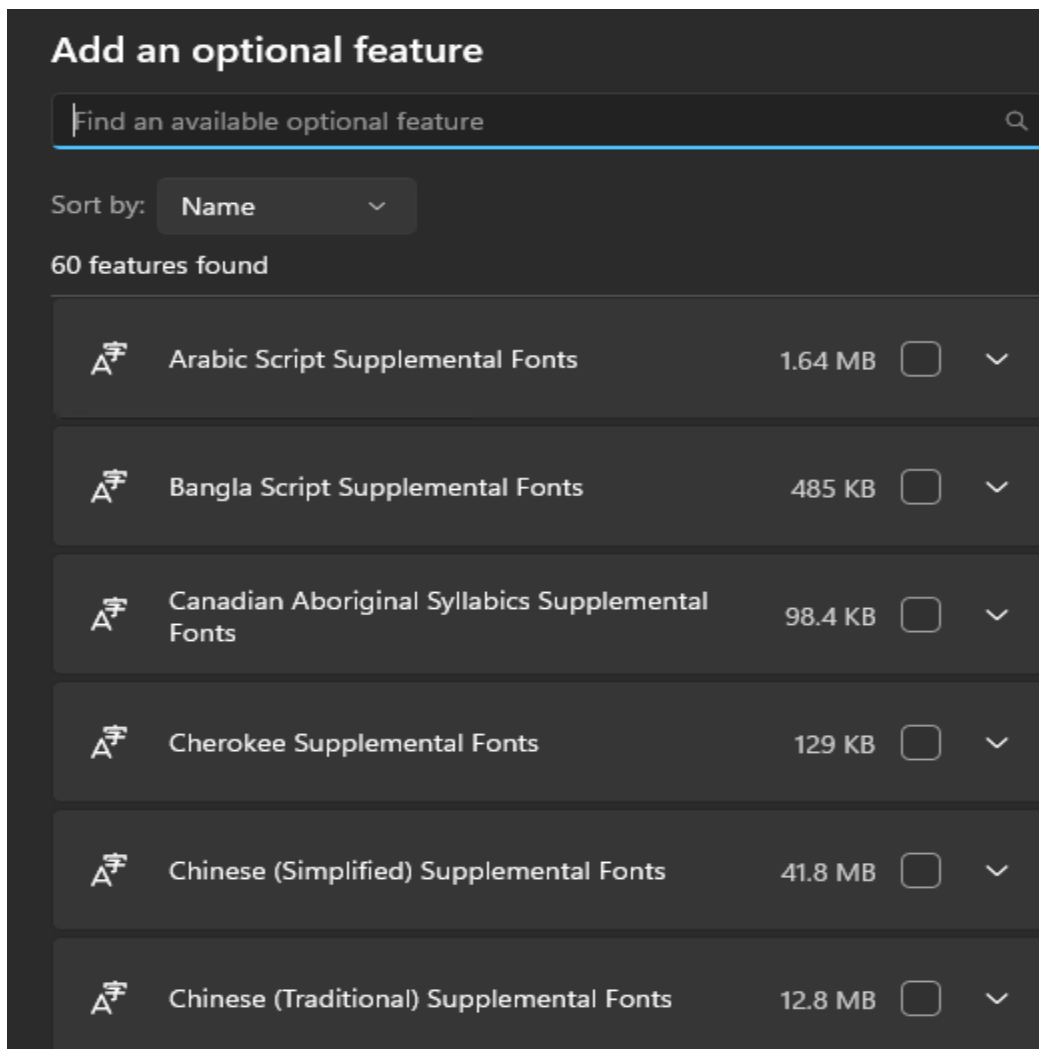
Check for updates



The screenshot shows the Windows Update settings page. At the top, it says "Settings" and "Windows Update". The user's name "Ram" and "Local Account" are visible. A search bar for settings is present. A "Find a setting" search bar is also visible. The "Updates available" section shows "Last checked: Today, 2:41 PM" and a "Download & install all" button. Below this, a list of updates is shown, each with its name, version, and download progress.







Update Name	Version	Download Progress
Security Intelligence Update for Microsoft Defender Antivirus - KB2267602	(Version 1.397.1947.0)	Downloading - 6%
Update for Windows Security platform antimalware platform - KB5007651	(Version 1.0.2306.10002)	Downloading - 66%
Windows Malicious Software Removal Tool x64 - v5.117	(KB890830)	Downloading - 3%
2023-09 Cumulative Update for .NET Framework 3.5 and 4.8.1 for Windows 11, version 22H2 for x64	(KB5031217)	Downloading - 15%







Optional Features















The screenshot shows the "Add an optional feature" window. It has a search bar with the text "Find an available optional feature". Below the search bar, there is a "Sort by: Name" dropdown menu. The window displays "60 features found". A list of features is shown, each with a font icon, the feature name, the size, and a checkbox to select it.







Feature Name	Size	Selected
Arabic Script Supplemental Fonts	1.64 MB	<input type="checkbox"/>
Bangla Script Supplemental Fonts	485 KB	<input type="checkbox"/>
Canadian Aboriginal Syllabics Supplemental Fonts	98.4 KB	<input type="checkbox"/>
Cherokee Supplemental Fonts	129 KB	<input type="checkbox"/>
Chinese (Simplified) Supplemental Fonts	41.8 MB	<input type="checkbox"/>
Chinese (Traditional) Supplemental Fonts	12.8 MB	<input type="checkbox"/>







 Devanagari Supplemental Fonts	1.48 MB	<input type="checkbox"/>	▼
 EMS and SAC Toolset for Windows (client edition)	89.6 KB	<input type="checkbox"/>	▼
 Ethiopic Supplemental Fonts	197 KB	<input type="checkbox"/>	▼
 Graphics Tools	17.4 MB	<input type="checkbox"/>	▼
 Gujarati Supplemental Fonts	214 KB	<input type="checkbox"/>	▼
 Gurmukhi Supplemental Fonts	117 KB	<input type="checkbox"/>	▼







 Hebrew Supplemental Fonts	379 KB	<input type="checkbox"/>	▼
 IrDA infrared	599 KB	<input type="checkbox"/>	▼
 Japanese Supplemental Fonts	50.7 MB	<input type="checkbox"/>	▼
 Kannada Supplemental Fonts	207 KB	<input type="checkbox"/>	▼
 Khmer Supplemental Fonts	414 KB	<input type="checkbox"/>	▼
 Korean Supplemental Fonts	9.30 MB	<input type="checkbox"/>	▼






	Lao Supplemental Fonts	192 KB	<input type="checkbox"/>	▼
	MSIX Packaging Tool Driver	33.9 KB	<input type="checkbox"/>	▼
	Malayalam Supplemental Fonts	167 KB	<input type="checkbox"/>	▼
	Microsoft WebDriver	178 KB	<input type="checkbox"/>	▼
	Odia Supplemental Fonts	251 KB	<input type="checkbox"/>	▼
	OpenSSH Server	1.44 MB	<input type="checkbox"/>	▼







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

	RSAT: DHCP Server Tools	1.50 MB	<input type="checkbox"/>	▼
	RSAT: DNS Server Tools	1.26 MB	<input type="checkbox"/>	▼
	RSAT: Data Center Bridging LLDP Tools	25.0 KB	<input type="checkbox"/>	▼
	RSAT: Failover Clustering Tools	9.55 MB	<input type="checkbox"/>	▼
	RSAT: File Services Tools	5.02 MB	<input type="checkbox"/>	▼
	RSAT: Group Policy Management Tools	4.06 MB	<input type="checkbox"/>	▼

	RSAT: IP Address Management (IPAM) Client	229 KB	<input type="checkbox"/>	▼
	RSAT: Network Controller Management Tools	173 KB	<input type="checkbox"/>	▼
	RSAT: Network Load Balancing Tools	264 KB	<input type="checkbox"/>	▼
	RSAT: PowerShell module for Azure Stack HCI	84.5 KB	<input type="checkbox"/>	▼
	RSAT: Remote Access Management Tools	6.43 MB	<input type="checkbox"/>	▼
	RSAT: Remote Desktop Services Tools	974 KB	<input type="checkbox"/>	▼

	RSAT: Server Manager	6.32 MB	<input type="checkbox"/>	▼
	RSAT: Storage Migration Service Management Tools	136 KB	<input type="checkbox"/>	▼
	RSAT: Storage Replica Module for Windows PowerShell	412 KB	<input type="checkbox"/>	▼
	RSAT: System Insights Module for Windows PowerShell	60.8 KB	<input type="checkbox"/>	▼
	RSAT: Volume Activation Tools	214 KB	<input type="checkbox"/>	▼
	RSAT: Windows Server Update Services Tools	1.60 MB	<input type="checkbox"/>	▼

	Simple Network Management Protocol (SNMP)	602 KB	<input type="checkbox"/>	▼
	Sinhala Supplemental Fonts	419 KB	<input type="checkbox"/>	▼
	Syriac Supplemental Fonts	77.8 KB	<input type="checkbox"/>	▼
	TPM Diagnostics	376 KB	<input type="checkbox"/>	▼
	Tamil Supplemental Fonts	296 KB	<input type="checkbox"/>	▼
	Telugu Supplemental Fonts	504 KB	<input type="checkbox"/>	▼

 Thai Supplemental Fonts	1.61 MB	<input type="checkbox"/>	▼
 WMI SNMP Provider	808 KB	<input type="checkbox"/>	▼
 Windows Fax and Scan	3.30 MB	<input type="checkbox"/>	▼
 Windows Storage Management	4.93 MB	<input type="checkbox"/>	▼
 Wireless Display	1.52 MB	<input type="checkbox"/>	▼
 XPS Viewer	3.20 MB	<input type="checkbox"/>	▼








Apps > Optional features

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

Privacy & security > Diagnostics & feedback



Diagnostic data
Helps to improve Windows and keep it secure, up to date, and working as expected. Sending required + optional data ^

You're sending required diagnostic data
As a part of using Windows, your device sends Microsoft a limited set of data that is necessary to keep your device and operating system secure, up to date, and working as expected.







 **Send optional diagnostic data**
Help Microsoft improve your Windows experience and fix problems more quickly by sending us additional diagnostic data. This includes data about websites you browse, how you use apps and features, and enhanced error reporting. On

Your device will be equally secure and will operate normally even if you choose not to send optional diagnostic data.

Windows Update


  Last checked: Today, 2:49 PM [Check for updates](#)


More options

-  **Get the latest updates as soon as they're available**
Be among the first to get the latest non-security updates, fixes, and improvements as they roll out. [Learn more](#) On
-  **Pause updates** [Pause for 1 week](#)
-  **Update history** >
-  **Advanced options**
Delivery optimization, optional updates, active hours, other update settings >
-  **Windows Insider Program**
Get preview builds of Windows to share feedback on new features and updates  >



Windows Update > Windows Insider Program


 **Check Windows Update for a newer and more secure build**
Not seeing a new build? [Open Windows Update](#)
[Troubleshoot Insider builds](#)

 **Choose your Insider settings** Dev ▾


Open Co-pilot and ask anything



Preview ... ×




Copilot

with  Bing Chat

Choose a conversation style


More Creative **More Balanced** More Precise



Here are some things Copilot can help you do

 What are the top three vehicles for a family of six on a budget?

Copilot uses AI to respond, so mistakes are possible—[send feedback](#) to help us improve.

[Learn more](#) | [Terms of use](#) | [Privacy statement](#)

Ask me anything... 

 0/2000 

Preview ... ×

[how to change background](#)

Change Wallpaper
I opened Personalization > Background in Settings. Select a new image or theme there.

Preview ... ×

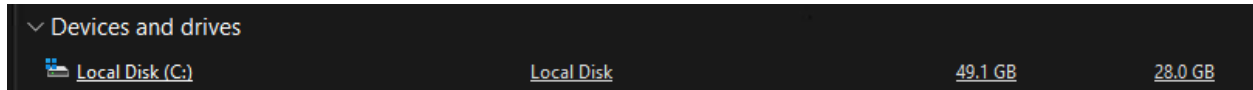
← **Settings**


Let Copilot in Windows use Microsoft Edge content

On

Copilot can share content and details from your active Edge tab with Bing Chat to provide you with more relevant responses.

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



Devices and drives			
 Local Disk (C:)	Local Disk	49.1 GB	28.0 GB

This concludes preview of Windows 11 23H2.

Thanks

Ram

2nd Oct 2023

LINKS:

<https://www.windowcentral.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-nm1mlkZd4>

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

<https://www.youtube.com/watch?v=n-nm1mlkZd4>