

# Sun City Computer Club

Windows SIG

January 11, 2022

**Questions, Comments, Suggestions welcomed at  
any time**

**Even Now**

- [Audio Recording of this session](#)
- Use the link above to access MP4 audio recording
- Audio Recording in Progress
- SIG attendees are required to be members of the chartered club sponsoring that SIG.  
Sun City Community Association By-law
- Sig leader – anyone?
- Topic Suggestions – plea(se)
- Your suggestions future presentations
- In person meetings

- Ever want to be a presenter??

**Presenter???**

Windows Malicious Software Removal Tool x64 - v5.97 (KB890830)

**Status:** Downloading - 100%

2022-01 Cumulative Update for .NET Framework 3.5 and 4.8 for Windows 10 Version 21H2 for x64 (KB5008876)

**Status:** Downloading - 0%

2022-01 Cumulative Update for Windows 10 Version 21H2 for x64-based Systems (KB5009543)

**Status:** Downloading - 0%

# Windows Update Windows 10

Windows Malicious Software Removal Tool x64 - v5.97 (KB890830)

Installing - 0%

2022-01 Cumulative Update for .NET Framework 3.5 and 4.8 for Windows 11 for x64 (KB5008880)

Installing - 11%

2022-01 Cumulative Update for Windows 11 for x64-based Systems (KB5009566)

Downloading - 0%

# Windows Update Windows 11

- 126 CVEs – Vulnerabilities
- Remote Code Execution



# Windows Update

- SAMBA
- Firefox 96.0
- YouTube Instagram Google

**Update Tuesday – reboot Wednesday**



**Web Media Extensions**  
Microsoft Corporation

Update available



**Windows Voice Recorder**  
Microsoft Corporation

Update available



**Mobile Plans**  
Microsoft Corporation

Update available



**Microsoft People**  
Microsoft Corporation

Update available



**Windows Calculator**  
Microsoft Corporation

Update available



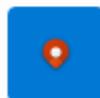
**Windows Alarms & Clock**  
Microsoft Corporation

Update available



**Xbox Game Bar Plugin**  
Microsoft Corporation

Update available



**Windows Maps**  
Microsoft Corporation

Update available

- Copy File Path

Right click Copy as path

Dev channel Ctrl+Shift+C



**Windows 11**

## Microsoft Security Compliance Toolkit 1.0

Important! Selecting a language below will dynamically change the complete page content to that language.

Language:

English

Download

This set of tools allows enterprise security administrators to download, analyze, test, edit and store Microsoft-recommended security configuration baselines for Windows and other Microsoft products; while comparing them against other security configurations.

### Details

Note: There are multiple files available for this download. Once you click on the "Download" button, you will be prompted to select the files you need.

Version	Date Published
1.0	10/20/2021
File Name	File Size
Windows 11 Security Baseline.zip	1.2 MB
USPO.zip	880 KB
Microsoft 365 Apps for Enterprise-21H2-FINAL.zip	707 KB
Microsoft Edge v95 Security Baseline.zip	219 KB
RiskyAnalyzer.zip	1.8 MB
GenObjSecSecurity.zip	214 KB
Windows 10 Update Baseline.zip	453 KB
Windows 10 Version 19H1 Security Baseline.zip	954 KB
Windows 10 Version 1907 and Windows Server 2016 Security Baseline.zip	1.2 MB
Windows 10 Version 1909 and Windows Server 2016 Security Baseline.zip	1.2 MB
Windows 10 Version 19H2 and Windows Server Version 1909 Security Baseline.zip	1.3 MB
Windows 10 Version 20H2 and Windows Server Version 20H2 Security Baseline.zip	1.2 MB
Windows 10 version 21H1 Security Baseline.zip	1.2 MB
Windows 10 version 21H2 Security Baseline.zip	1.3 MB
Windows Server 2012 R2 Security Baseline.zip	849 KB
Windows Server 2022 Security Baseline.zip	1.3 MB

The Microsoft Security Configuration Toolkit enables enterprise security administrators to effectively manage their enterprise's Group Policy Objects (GPOs). Using the toolkit, administrators can compare their current GPOs with Microsoft-recommended GPO baselines or other baselines, edit them, store them in GPO backup file format, and apply them via a domain controller or inject them directly into testbed hosts to test their effects. For more information, see [Windows Security Baselines](#).

### System Requirements

### Install Instructions

# Microsoft Security Compliance Toolkit

<https://www.microsoft.com/download/details.aspx?id=55319>

- Desktop Windows Manager issues
- Consumes RAM
- Soon to be released Intel driver *may* help

**Got Intel? Got DWM issues?**

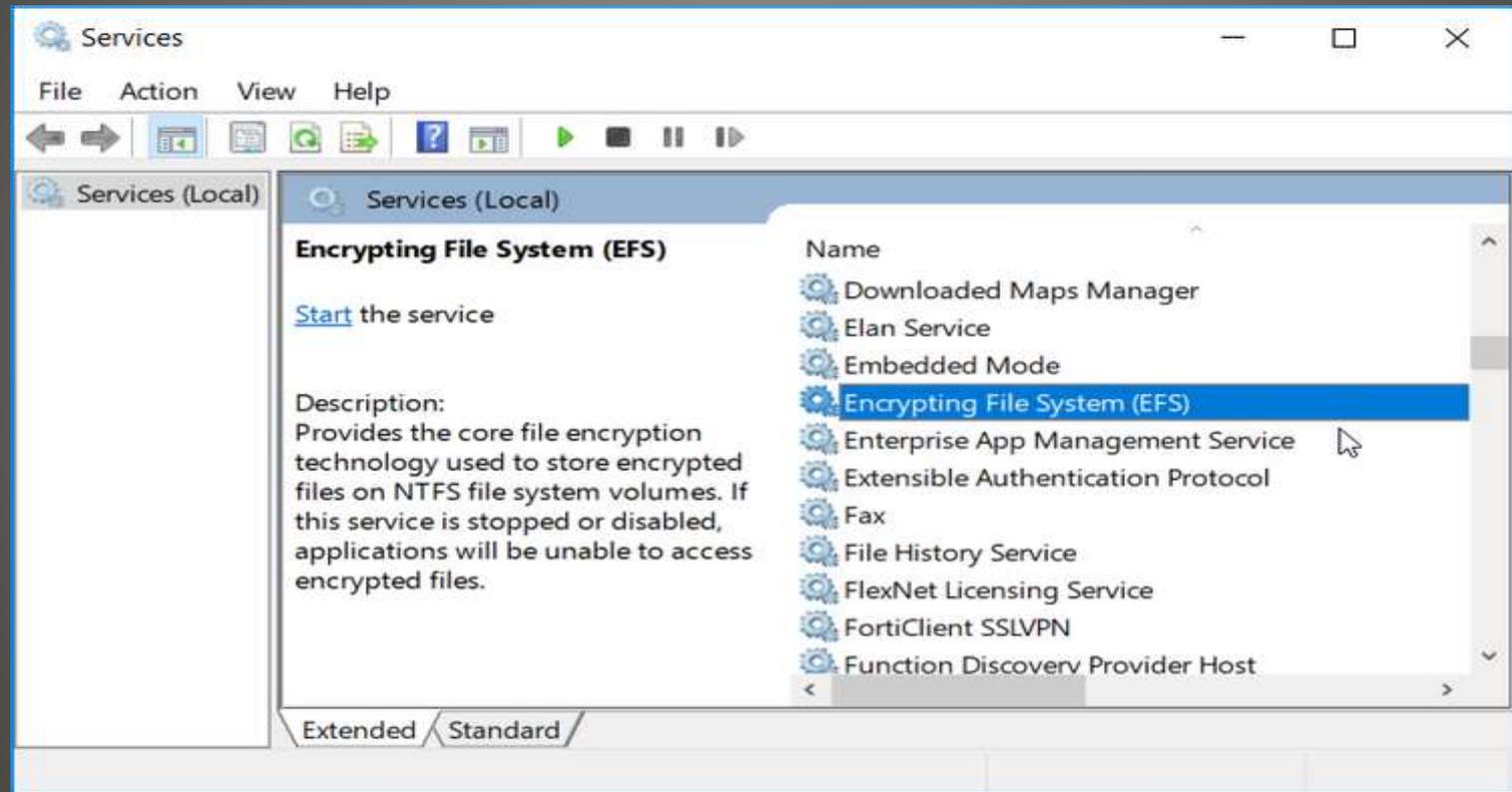
- Followable Web
  - follow websites list of updates
  - currently uses collections
  - Really Simple Syndication RSS

**Edge futures**

- Encrypt files and/or folders on NTFS volumes
  - NEEDS Passphrase to access!!!!
  - *They* will need that passphrase
  - YOU will need that passphrase
  - Those you trust will need that passphrase
- Digital inheritance

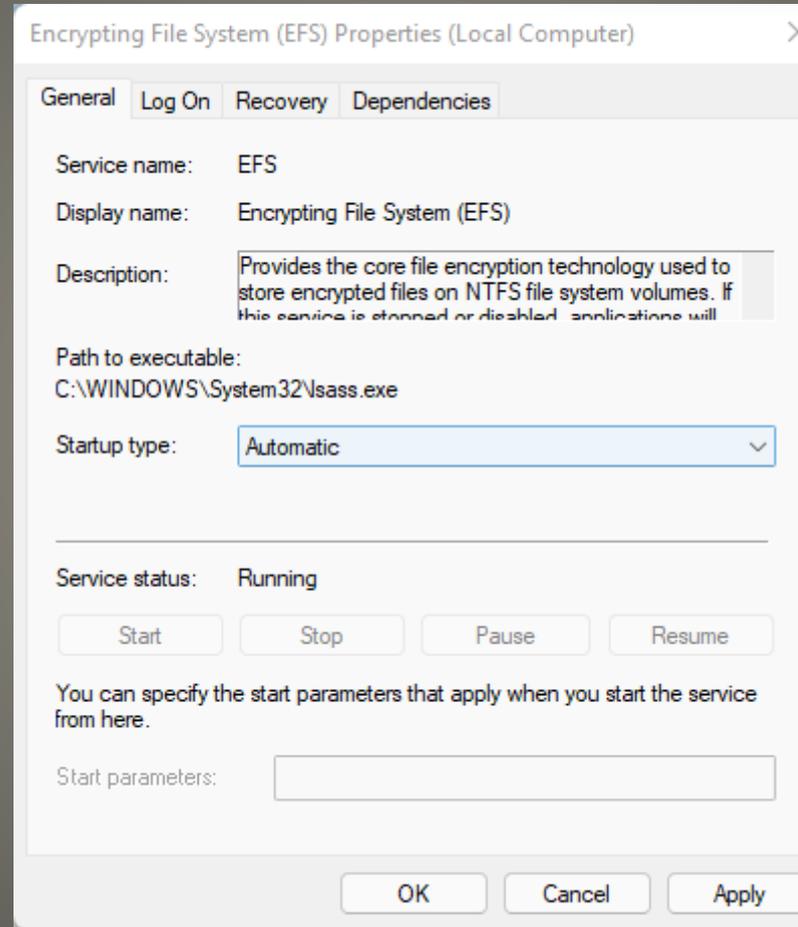
## Encrypting File System (EFS)

- As Administrator
- Run > services.msc



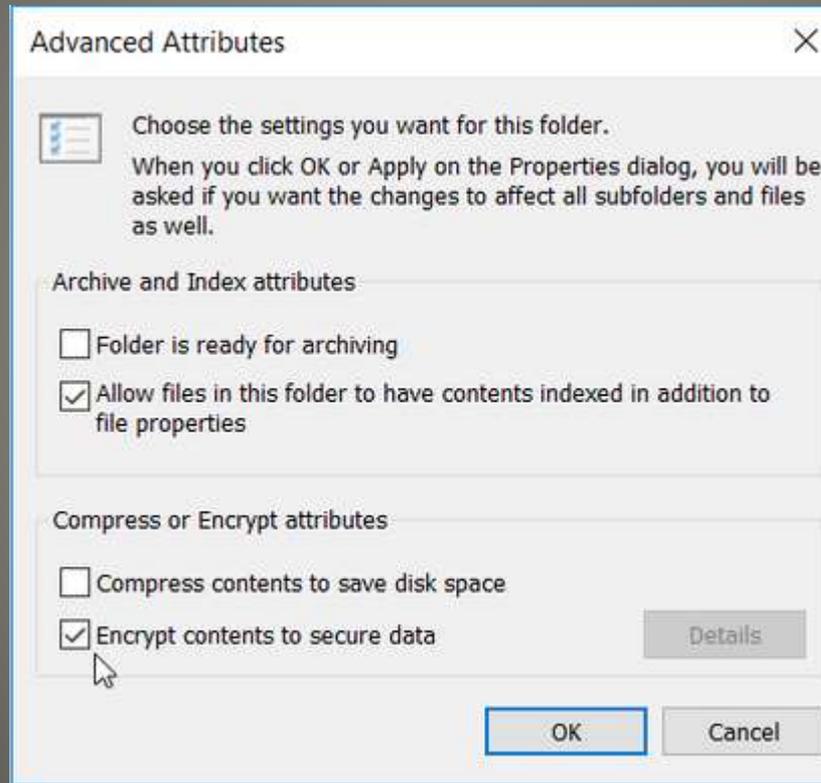
**EFS**

- Choose Automatic start



**EFS**

- For desired file or folder
- Properties > Advanced



**EFS**

- Popup

  - Apply changes to folder only

  - Apply changes to this folder, subfolders and files

- May need a windows restart

**EFS**

- Control Panel moves to Settings  
Programs & Features

Settings > Apps > Installed Apps

Uninstall Updates

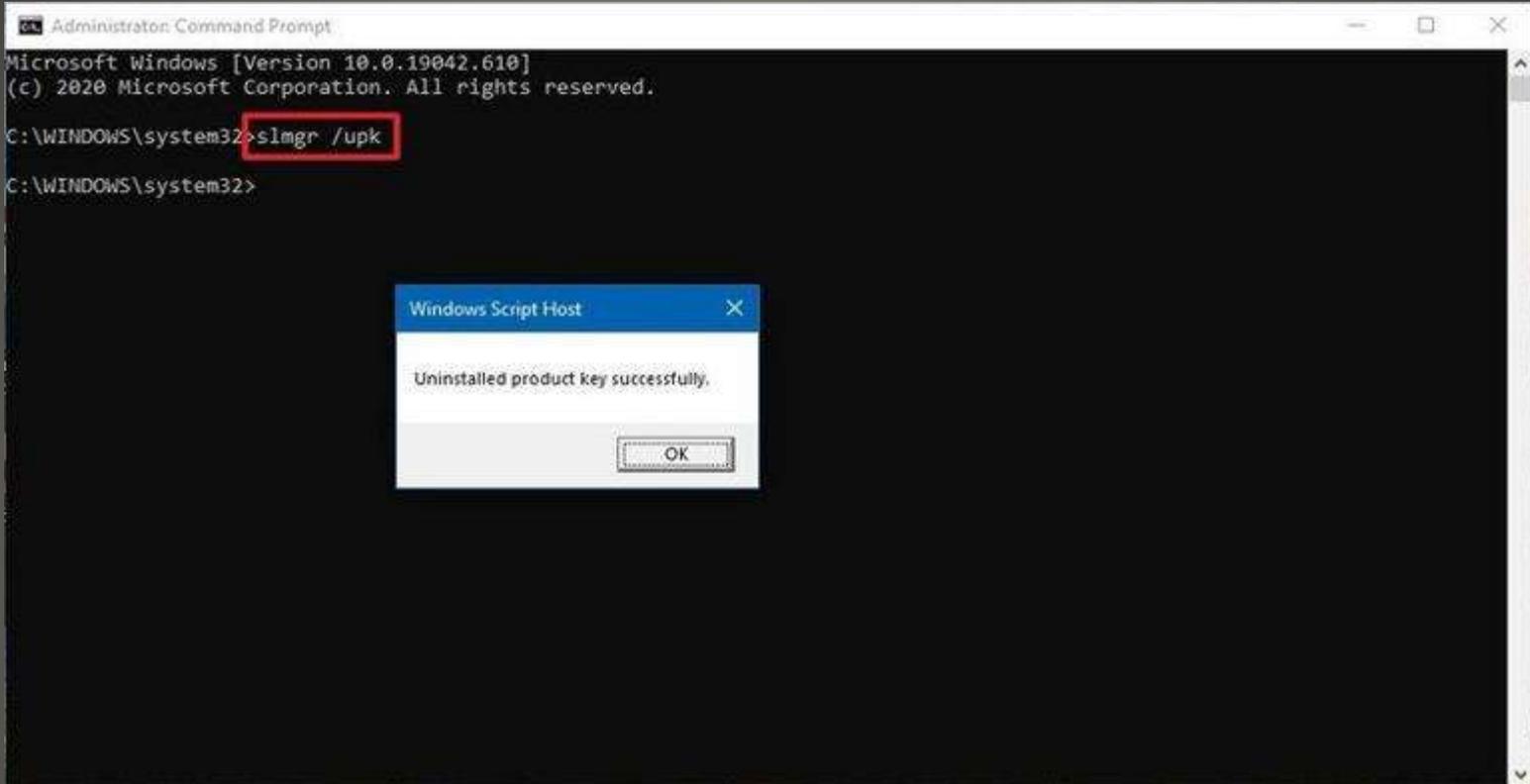
Settings > Windows Update > Update History

22523.1000

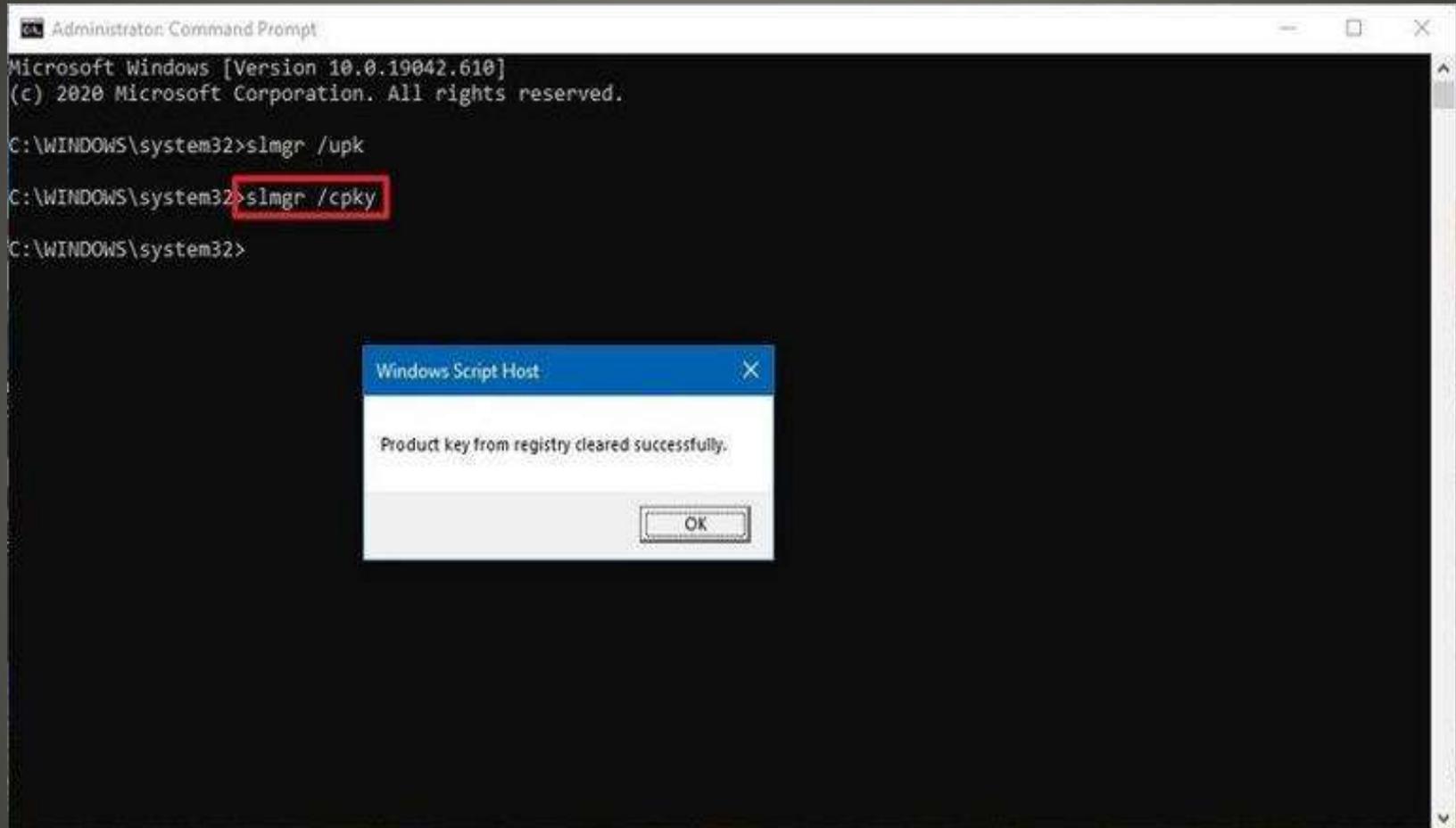
**Windows Insider**

- Retail vs OEM
- Upgrade Home -> Pro

**Windows License**



**Deactivate License old machine**



Administrator: Command Prompt

```
Microsoft Windows [Version 10.0.19042.610]
(c) 2020 Microsoft Corporation. All rights reserved.

C:\WINDOWS\system32>slmgr /upk
C:\WINDOWS\system32>slmgr /cpky
C:\WINDOWS\system32>
```

Windows Script Host

Product key from registry cleared successfully.

OK

# Clear License from Registry

- CMD
- `slmgr /ipk xxxxx-xxxxx-xxxxx-xxxxx-xxxxx`  
Activate License
- `slmgr /dlv`  
Verify license
- `slui 4`  
Activate

- Windows File Explorer
  - online Office Files - on by default
- Widget board

**Windows Speed improvements?**

- Privacy caution
- Voice Access 22518
- ALT + TAB 22526



**Windows Insider**

## Use Windows Subsystem for Android on Windows 11 - Microsoft Community

1. Your Device **must be running Build 22000** and **meeting the requirements for Windows 11**, including **supported processors**.
2. The **Computer must support virtualization** and be **enabled** in BIOS/UEFI and Optional Features.
3. The device must have **at least 8GB of RAM** and **SSD as a Storage device**. For WSA, **a Hard drive is not supported**.
4. The **Store version must be 22110.1402.6.0 or higher**. Go to Store Library to update.
5. The **PC's Region** must be set to the **US**.
6. The **Amazon account** you plan to use must be **US-based**.
7. Your PC must be in Windows Insider Program **Beta Channel**.

# Amazon App store

✖ This app will not work on your device.



## Amazon Appstore

Amazon.com Services LLC

+ Offers in-app purchases

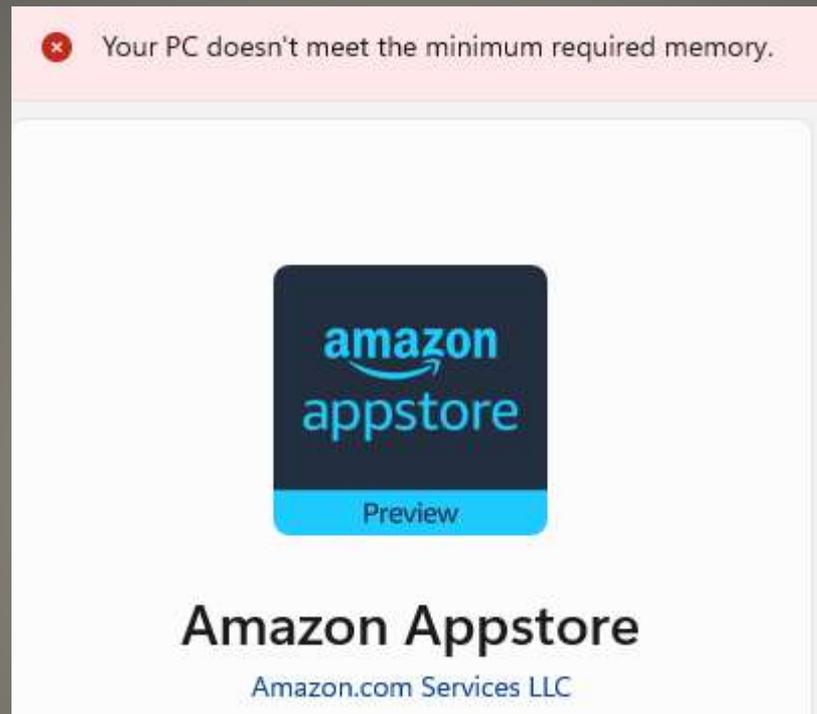
3.0 ★

4

### Screenshots



# My Windows 11 PC



**My Parallels Windows PC**

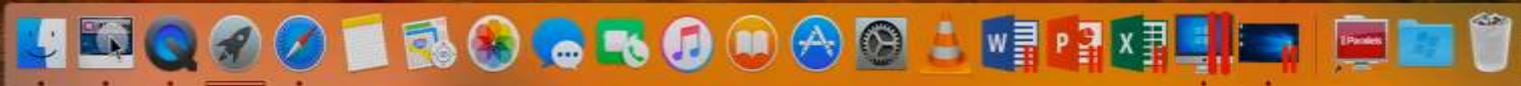
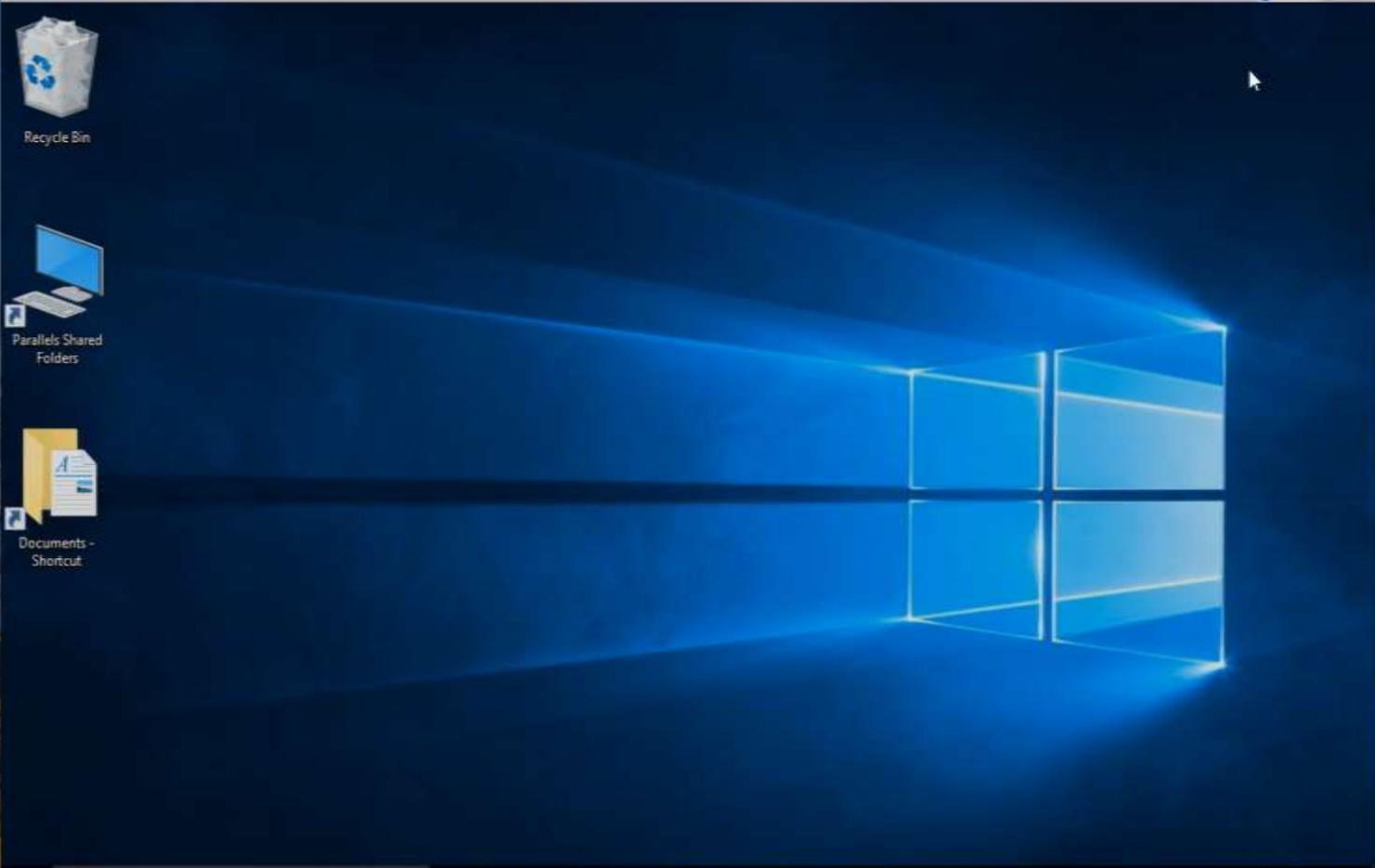
- Convert Windows PC to Chrome OS  
older PC option?  
Chromium OS FOSS  
No support for Android Run Time (ART)

Well, Linux

**CloudReady**

- Cost subscription - levels
- Can do Windows 7, 8.1, 10, and 11
- Intel Mac
- M1 Mac – Windows 11 Insiders
- Move your PC Parallels Transport Agent  
NOT M1 mac

**MacOS Parallels**



- M1 macs

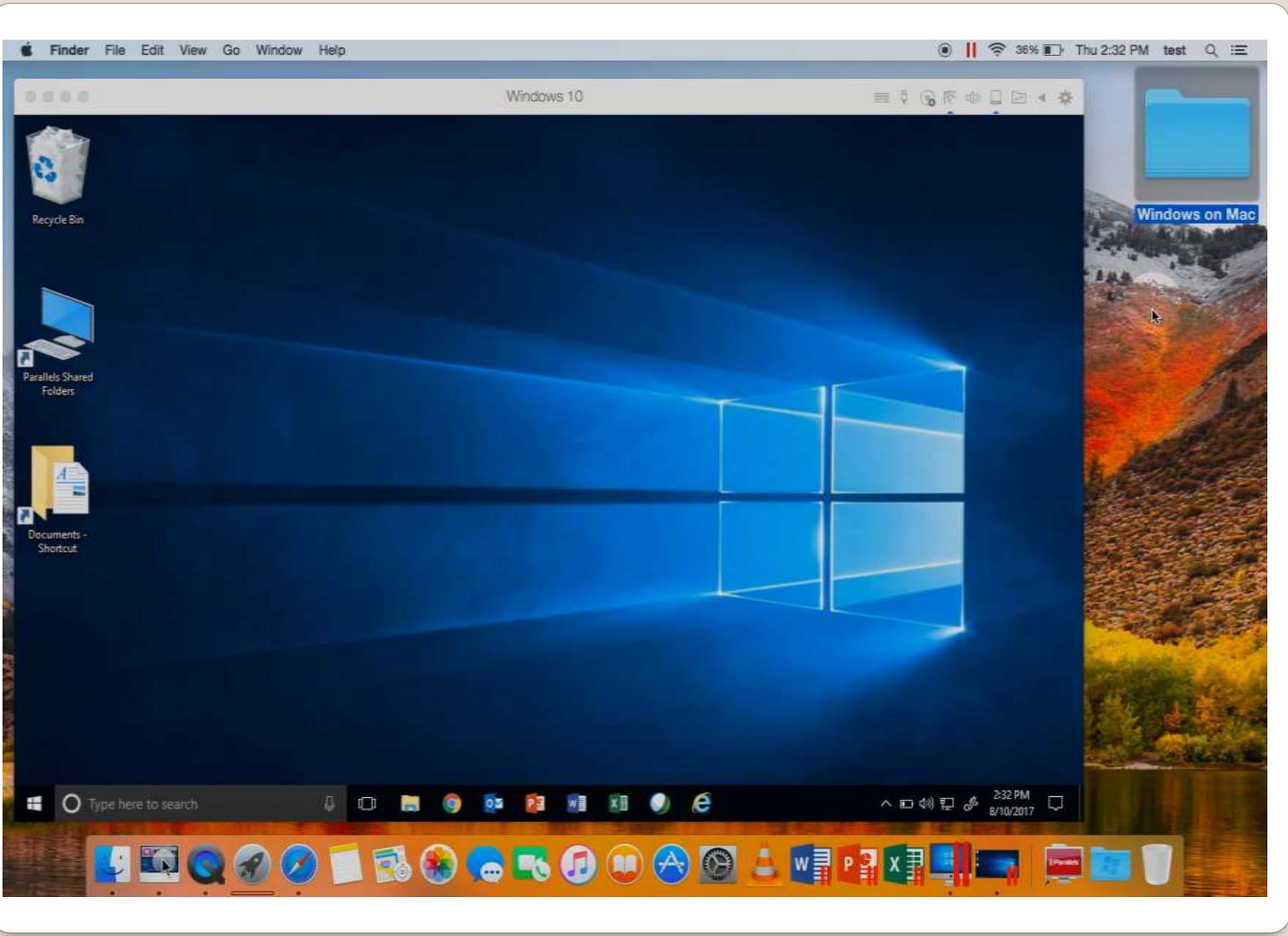
Windows 11, Ubuntu 21, Fedora workstation, Debian 11, Kali 2021, Mac Monterey

- Intel macs

Windows 11, 10, 8.1, server 2022

- Move your PC

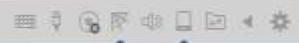
**Mac Parallels**



Finder File Edit View Go Window Help

36% Thu 2:32 PM test

Windows 10



Recycle Bin



Parallels Shared Folders



Documents - Shortcut



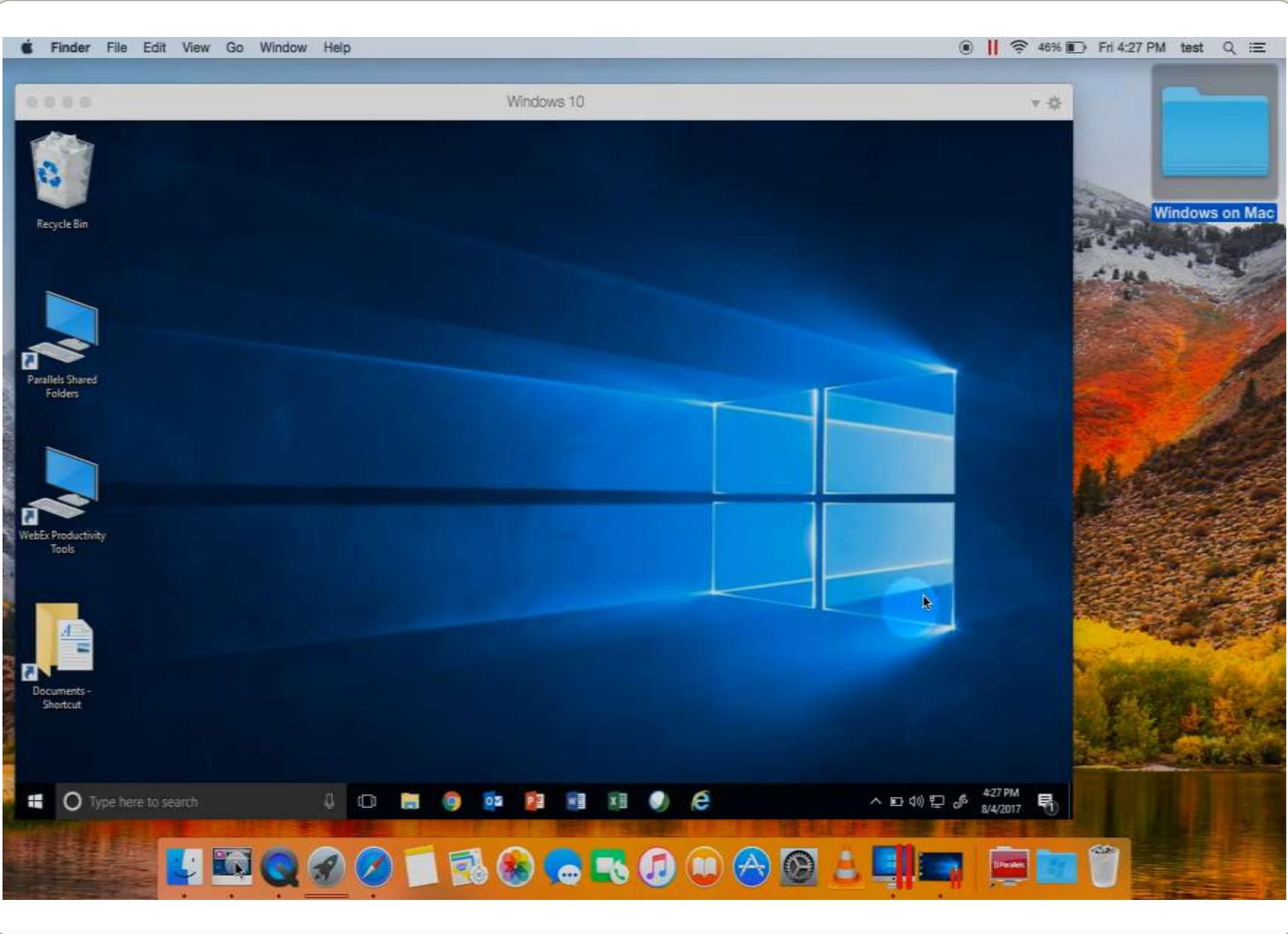
Windows on Mac

Type here to search



2:32 PM 8/10/2017





Finder File Edit View Go Window Help

46% Fri 4:27 PM test

Windows 10

Windows on Mac

Recycle Bin

Parallels Shared Folders

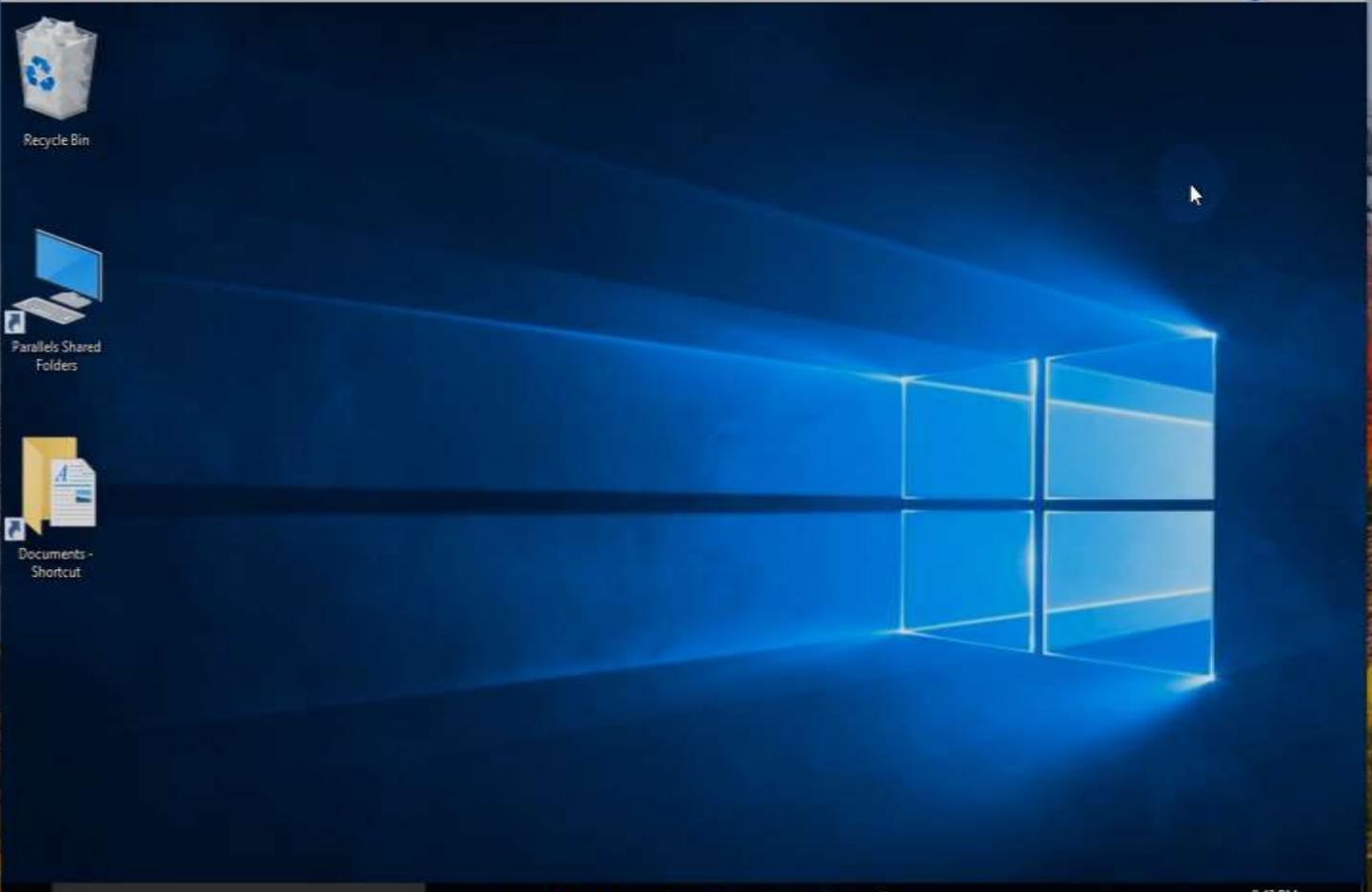
WebEx Productivity Tools

Documents - Shortcut

Type here to search

4:27 PM 8/4/2017





Windows 10



Recycle Bin



Parallels Shared Folders



WebEx Productivity Tools



Documents - Shortcut



Type here to search



4:34 PM 8/4/2017



- M1 macs - no TPM chip no bootcamp
- Fast
- Windows ARM
- Instant Wakeup
- As you left it
- Now 1-step setup
- Shares profiles data (Wi-Fi, printer, etc.)
- Tune memory & CPU
- Active Windows apps on macOS dock
- My PC 54% Parallels PC 71%

**Parallels Windows 11**

- MyPhone
- Windows Subsystem for Android
- Third Party tricks
  
- Google
  - Fast Pair Bluetooth
  - Text message sync WEB Google Message
  - Nearby Share

**Google Integrate Android with Windows**

“For the first time with Android, we’re also focused on building for other platforms, like Windows, whether it’s in gaming, productivity or other areas,” Google vice president Erik Kay **writes**. “For example, by connecting your Android phone to your Windows PC with Fast Pair, you’ll be able to quickly set up Bluetooth accessories, sync text messages, and share files with Nearby Share. We’re working with Acer, HP, and Intel to bring these experiences to select Windows PCs first later this year.”

**Google Integrate Android with Windows and others?**



Windows Terminal  
App

Open

Run as administrator

Administrator: Windows PowerShell

```
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Users\jppj1> winget list > winget.list
```

Administrator: Windows PowerShell

```
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Users\jppj1> more winget.list
```

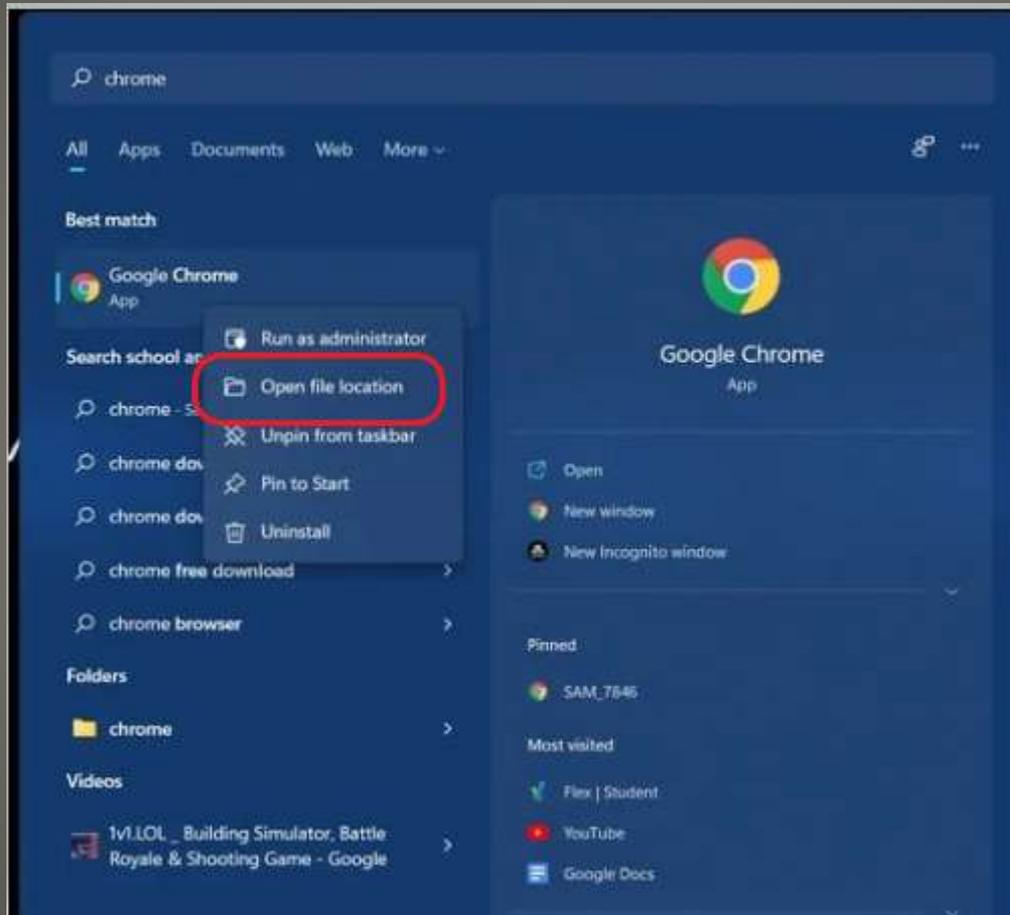
# What do I have installed?

```
Windows PowerShell
Microsoft Windows Desktop Runtime - 3 (x64)      Microsoft.dotnetRuntime.3-x64      3.1.21.30622      3.1.22.30721      winget
Microsoft Visual C++ 2015-2019 Redistributable ... Microsoft.VC++2015-2019Redist-x64  14.29.30040.0     14.29.30139.0     winget
Oracle VM VirtualBox                            Oracle.VirtualBox                  6.1.28            6.1.30            winget
Windows PC Health Check                         Microsoft.WindowsPCHealthCheck     3.1.2109.29003   3.3.2110.22002   winget
Remote Desktop                                  Microsoft.RemoteDesktopClient      1.2.2223.0       1.2.2688.0       winget
LibreOffice                                     TheDocumentFoundation.LibreOffice  7.1.6.2          7.2.4.1          winget
Microsoft Visual C++ 2013 Redistributable (x86) Microsoft.VC++2013Redist-x86       12.0.30501.0     12.0.40664.0     winget
15 upgrades available.
PS C:\Users\john> |
```

winget



- Start menu



Other apps??

- Right click on shortcut



**Other apps?**

- Task Manager > Details

Name	PID	Status	User name	CPU	Memory (ac...	Architec...	Description
chrome.exe	8608	Running	xlive	00	8,080 K	x64	Google Chrome
chrome.exe	2576	Running	xlive	00	66,792 K	x64	Google Chrome
chrome.exe	15688	Running	xlive	00	11,752 K	x64	Google Chrome
chrome.exe	10080	Running	xlive	00	10,212 K	x64	Google Chrome
chrome.exe		End task	live	00	28,356 K	x64	Google Chrome
chrome.exe		End process tree	live	00	90,928 K	x64	Google Chrome
chrome.exe		Provide feedback	live	00	1,436 K	x64	Google Chrome
chrome.exe		Set priority	live	00	69,980 K	x64	Google Chrome
chrome.exe		Set affinity	live	00	12,240 K	x64	Google Chrome
chrome.exe		Analyze wait chain	live	00	5,104 K	x64	Google Chrome
chrome.exe		Debug	live	00	24,464 K	x64	Google Chrome
chrome.exe		UAC virtualization	live	00	38,904 K	x64	Google Chrome
com.docker.service		Create dump file	SYSTEM	00	396 K	x64	Docker.Service
conhost.exe		Open file location	SYSTEM	00	224 K	x64	Console Window Host
conhost.exe		Search online	SYSTEM	00	308 K	x64	Console Window Host
crashpad_handler.exe		Properties	live	00	220 K	x64	crashpad_handler
csrss.exe		Go to service(s)	SYSTEM	00	712 K	x64	Client Server Runtime Process
csrss.exe		Search online	SYSTEM	00	784 K	x64	Client Server Runtime Process
ctfmon.exe		UAC virtualization	live	00	3,008 K	x64	CTF Loader
dashHost.exe	3040	Running	LOCAL SER...	00	84 K	x64	Device Association Framework Provider Host
DAX3APL.exe	4648	Running	SYSTEM	00	20 K	x64	DAX API
DAX3APL.exe	16184	Running	SYSTEM	00	72 K	x64	DAX API
dllhost.exe	9804	Running	SYSTEM	00	460 K	x64	COM Surrogate

Other apps

- GET FROM MICROSOFT
- <https://www.microsoft.com/en-us/software-download/windows10>

**Media Creation tool**

# Applicable notices and license terms

Please read this so you know what you're agreeing to.

## MICROSOFT SOFTWARE LICENSE TERMS

### MICROSOFT MEDIA CREATION TOOL

**IF YOU LIVE IN (OR ARE A BUSINESS WITH A PRINCIPAL PLACE OF BUSINESS IN) THE UNITED STATES, PLEASE READ THE "BINDING ARBITRATION AND CLASS ACTION WAIVER" SECTION BELOW. IT AFFECTS HOW DISPUTES ARE RESOLVED.**

These license terms are an agreement between you and Microsoft Corporation (or one of its affiliates). They apply to the software named above and any Microsoft services or software updates (except to the extent such services or updates are accompanied by new or additional terms, in which case those different terms apply prospectively and do not alter your or Microsoft's rights relating to pre-updated software or services). **IF YOU COMPLY WITH THESE LICENSE TERMS, YOU HAVE THE RIGHTS BELOW. BY USING THE SOFTWARE, YOU ACCEPT THESE TERMS.**

#### 1. **INSTALLATION AND USE RIGHTS.**

- a) **General.** You may install and use one copy of the software to develop and test your applications, and solely for use on Windows. You may make one backup copy of the software

[Privacy statement](#)

Decline

Accept

Windows 10 Setup



Getting a few things ready



Back

Next

# What do you want to do?

- Upgrade this PC now
- Create installation media (USB flash drive, DVD, or ISO file) for another PC

Back

Next

# Select language, architecture, and edition

Please select from one of the available options to continue.

Language

Edition

Architecture

[Use the recommended options for this PC](#)

Back

Next

## Choose which media to use

If you want to install Windows 10 on another partition, you need to create and then run the media to install it.

USB flash drive

It needs to be at least 8 GB.

ISO file

You'll need to burn the ISO file to a DVD later.

Back

Next

# Select a USB flash drive

The files on your USB drive will be deleted. To keep these files, back them up now to another save location.

[Refresh drive list](#)

Removable drives

⋮ K: (New Volume)

Back

Next

Windows 10 Setup



# Creating Windows 10 media

Feel free to keep using your PC.

Progress: 10%

Back

Next

Windows 10 Setup



Your USB flash drive is ready

K:\

Back

Finish

- For looong time – no joy
- As of 10 January 2022 login success
- Windows 10 21H2 Build 19044.1415

**Windows 365**

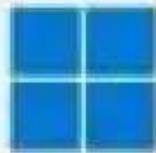
- Laptop that should NOT be eligible
- BUT is a Surface Pro 4

**Windows 11 Insider Release Preview**

- Windows 11 SE cloud-first
- Education customers

**Windows 11 SE**

About Windows



# Windows 11

Microsoft Windows

Version 22H2 (OS Build 22000.376)

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OK

- None of us are as experienced as all of us
- Awareness, Preparedness, Understanding
- Participate
- Topic Suggestions
- Questions: [scccwindows@gmail.com](mailto:scccwindows@gmail.com)

