

# Sun City Computer Club

Windows SIG

June 9, 2020

**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

« ALL CLUBS

COMPUTER CLUB

ARCHIVES

CLUB ADMINISTRATION



EDUCATION

LAB INFORMATION

LAB MONITORS

MALWARE HELP

MEETINGS

MEDIA CONVERSION

MEMBERSHIP

SPECIAL INTEREST  
GROUPS (SIGS)

OUR WIKI FOR ONLINE  
HELP

# Computer Club

SPECIAL INTEREST GROUPS

**NOTICE**

» [Online Computer Help through Our Wiki](#)

*Click here to take a virtual tour of our facilities.*



Welcome to the  
website of the  
Sun City Texas  
Computer Club.

Phone ~ Cyber Center: 512-868-9780

Lab Hours:

Saturday ~ 9 a.m. - noon

Monday though Friday ~ 9 a.m. - 3 p.m.

## *Computer Club / Photography Club Cooperation*

Sun City meeting space availability diminishes every year. In the spirit of neighborly cooperation, and to maximize the use of the facilities allocated to the Computer Club, the Board has welcomed the Photography Club for periodic classes and meetings in our facilities.

Contact  
[clubofficial@sctxcompclub.org](mailto:clubofficial@sctxcompclub.org)  
for more information.

» [WHERE CAN I FIND THE  
COMPUTER CLUB?](#)

- ← ALL CLUBS
- COMPUTER CLUB
- ARCHIVES
- CLUB ADMINISTRATION
- EDUCATION
- LAB INFORMATION
- LAB MONITORS
- MALWARE HELP
- MEETINGS
- MEDIA CONVERSION
- MEMBERSHIP
- SPECIAL INTEREST GROUPS (SIGS)**
- OUR WIKI FOR ONLINE HELP

# Computer Club Special Interest Groups (SIGs)

The Computer Club has many groups that meet each month to discuss topics of interest. Computer Club members, click on the SIG name below for description, and meeting schedule.

### CyberSecurity

This special interest group deals with CyberSecurity in all forms. Check out the news feed from the CyberSecurity SIG, which is an entry on the SIG menu.

### First Time

The First Time SIG is for members seeking answers to their questions about how to use computers. Its volunteers assist beginning computer users to become more knowledgeable about their computers and to use them more effectively. For more information click on the name *First Time* just above.

### Genealogy

The Genealogy SIG provides a forum for the exchange of information and experience about the use of computer programs and the many resources found on the web for genealogical research.

### Hearing Solutions

The HEARING SOLUTIONS SIG is comprised of those who seek knowledge regarding hearing loss, searching for solutions & related professional information. The SIG meets most months on the 2nd Thursday at 10:00 am in the Activity Building Atrium.

### iDevices

The IDEVICES SIG provides opportunity for sharing of experiences and knowledge about iPhones, iPads, Apple watches, iTunes & Applications. It meets most months on the 2nd Friday at 1:30 pm in the Activity Center Atrium.

### Internet of Things (IoT)

A forum for the informal exchange of information and to educate and guide one another on how to experiment, design, and implement the microprocessors, micro-controllers, sensors, and activators associated with the Internet of Things.

### VectorVest

The VectorVest & Beyond (VVB) Special Interest Group (SIG) provides a forum for the exchange of information and experience about investing software for curious members at beginning and intermediate levels. The goal is to learn more about using tools found within VectorVest.com and other software such as AAll.com, FinViz.com, Morningstar.com, and StockCharts.com.

### Windows

The WINDOWS SIG is dedicated to the understanding and proficiency of the Microsoft Windows operating systems. It meets the 2nd and 4th Tuesday at 9:00 AM.



Sun City Texas Community Association

https://www.sctexas.org/club/scripts/memfac/memfac.asp?NS=MEMFAC&MFCODE=SIG\_WIN...

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## Your Windows 7 PC is out of support

As of January 14, 2020, support for Windows 7 has come to an end. Your PC is more vulnerable to viruses and malware due to:

- No security updates
- No software updates
- No tech support

Microsoft strongly recommends using Windows 10 on a new PC for the latest security features and protection against malicious software.

Learn more | Download now later

Don't remind me again

← ALL CLUBS

← ALL CLUBS

WINDOWS MEETING NOTES



## Windows SIG

**Mission** Dedicated to the understanding and proficiency of the Microsoft Windows operating systems.

**Cost** Free to Members of the Sun City Computer Club.

**Information & Questions** send an email to [scccwindows@gmail.com](mailto:scccwindows@gmail.com)

### Meetings

Second & Fourth Tuesday  
of each month  
Activities Center, Annex  
09:00 - 10:30

MEETINGS

**Note: All meetings are now audio recorded**

**Next Meeting**

March 10 9:00 - 10:30  
Activities Center Annex

Sun City Texas Community Assoc

https://www.sctexas.org/club/scripts/filelib/view\_filelib\_list.asp?GRP=26544&NS=MEMFAC&M...

## Windows SIG Meeting Notes

2015

- January 13 Meeting Notes [ [Download](#) | [View](#) ] | 5,186,919b
- January 27 Meeting Notes [ [Download](#) | [View](#) ] | 490,236b
- February 10 Meeting Notes [ [Download](#) | [View](#) ] | 600,084b
- February 24 Meeting Notes [ [Download](#) | [View](#) ] | 773,040b
- Router Cheat Sheet [ [Download](#) | [View](#) ] | 307,406b
- March 11 Meeting Notes [ [Download](#) | [View](#) ] | 683,340b
- March 24 Meeting Notes [ [Download](#) | [View](#) ] | 824,990b
- April 28 Meeting Notes [ [Download](#) | [View](#) ] | 985,790b
- April 28 Memory.pdf [ [Download](#) | [View](#) ] | 8,261,144b
- May 12 Meeting Notes [ [Download](#) | [View](#) ] | 440,084b
- May 26 Meeting Notes [ [Download](#) | [View](#) ] | 494,026b
- June 9 Meeting Notes [ [Download](#) | [View](#) ] | 478,714b
- June 23 Meeting Notes [ [Download](#) | [View](#) ] | 406,814b

2018

- January 23 Meeting Notes [ [Download](#) | [View](#) ] | 835,806b
- February 27 Meeting Notes [ [Download](#) | [View](#) ] | 830,006b
- March 27 Meeting Notes [ [Download](#) | [View](#) ] | 624,944b
- April 24 Meeting Notes [ [Download](#) | [View](#) ] | 307,776b
- May 22 Meeting Notes [ [Download](#) | [View](#) ] | 1,635,906b

**Bottom of listing for recent**

- 📄 August 27 Meeting Notes with Audio [ [Download](#) | [View](#) ] | 823.60kb
- 📄 September 10 Meeting Notes with Audio [ [Download](#) | [View](#) ] | 775.73kb
- 📄 September 24 Meeting Notes with Audio [ [Download](#) | [View](#) ] | 987.47kb
- 📄 October 8 Meeting Notes with Audio [ [Download](#) | [View](#) ] | 810.45kb
- 📄 October 22 Meeting Notes with Audio [ [Download](#) | [View](#) ] | 300.28kb
- 📄 November 12 Meeting Notes with Audio [ [Download](#) | [View](#) ] | 695.68kb
- 📄 November 26 Meeting Notes with Audio [ [Download](#) | [View](#) ] | 439.51kb

## 2020

- 📄 January 14 Meeting Notes with audio [ [Download](#) | [View](#) ] | 330.15kb
- 📄 January 28 Meeting Notes with audio [ [Download](#) | [View](#) ] | 377.34kb
- 📄 February 11 Meeting Notes with audio [ [Download](#) | [View](#) ] | 256.25kb
- 📄 February 25 Meeting Notes with audio [ [Download](#) | [View](#) ] | 1,000.15kb



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February 25 Meeting Notes with audio

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**Links to PDF files**

## Sun City Computer Club

Windows SIG

February 25, 2020

Questions, Comments, Suggestions welcomed at  
any time

Even Now

- [Audio Recording of this session](#)
  - Audio Recording in Progress
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  - Sun City Community Association By-law
- 

**2nd or 3<sup>rd</sup> page Green link**

vimeo

Join

Log in

Pricing

Solutions

Watch

Enterprise

Search videos, people, and more

+ New video

- Windows 10X
- Can't boot this Server 2008 R2
- Can't shut this Win 7
- Can't shut this Win 10

Suggested



Still using Firefox?  
Microsoft Edge is here

Windows News



## Sun City Computer Club Windows SIG 02252020 audio

2 weeks ago | More



John Jenkinson

PLUS

+ Follow

### More from John Jenkinson

Autoplay next video



Sun City Compute...

John Jenkinson



Sun City Compute



« ALL CLUBS

MEETING NOTES

*Meeting Notes Archive 2019*

*Cyber Security News Archive*

*Meeting Notes Archive 2018*

## Cyber Security SIG Meeting Notes

2020

- 📄 January 2 Cyber Security SIG Presentation with audio [ [Download](#) | [View](#) ] | 655.17kb
- 📄 January 16 Cyber Security SIG Presentation with audio [ [Download](#) | [View](#) ] | 199.42kb
- 📄 February 6 Cyber Security SIG Presentation with audio [ [Download](#) | [View](#) ] | 399.81kb
- 📄 February 20 Cyber Security SIG Presentation with audio [ [Download](#) | [View](#) ] | 326.44kb
- 📄 March 5 Cyber Security SIG Presentation with audio [ [Download](#) | [View](#) ] | 218.08kb
- 📄 February 20 MUG re-Presentation [ [Download](#) | [View](#) ] | 786.05kb

# SCCCyber

Tuesday, June 2, 2020

## Firefox version 77 released today 2-June-2020

<https://www.mozilla.org/en-US/firefox/77.0/releasenotes/>

Posted by John Jenkinson at 12:14 PM No comments:

Sunday, May 31, 2020

## eBay Chick-fil-A Citibank what are you doing?

A LOT of port scanning occurs on the Internet. A LOT.

The Internet accesses things via an IP address and the port at that IP address.

To get an HTTP web page you try to connect to the IP address on port 80. (A standard port number but it can be changed)

So port scanning tries all the IP addresses and all of the 65536 TCP ports and all 65536 UDP ports.

This takes a lot of time and many "services" run these port scans and publish the results. If you watch a newly connected PC to the Internet it takes a few seconds until it will be port scanned.

Firewalls, router settings, Windows Defender, IP tables, and many other defenses block these scans.

It has come to light recently that eBay, Citibank, Chick-fil-A and many other sites will scan your devices to find open ports INSIDE your home network and send the results back to that site. Now all those sites know more about your network defenses and network capabilities than you.

An explanation: Fraud detection. Most of the reported ports connect to remote access services like TeamViewer, VNC, etc. Criminals use these services to commit fraud. Use a user's open eBay connection to buy items using the user's credentials.

Posted by John Jenkinson at 3:24 PM No comments:

### Blog Archive

- ▼ 2020 (35)
  - ▼ June (1)
    - Firefox version 77 released today 2-June-2020
  - May (5)
  - April (14)
  - March (8)
  - February (3)
  - January (4)
- 2019 (28)
- 2018 (57)
- 2017 (62)
- 2016 (16)

- Can watch anytime – your schedule
- Any length Any time
- Avoid conflicts – your schedule
- Midnight, weekends, holidays
- Timeliness
- Can watch on any device SmartTV
- Presentation can be any length
- Presentation can be any frequency
- Ability to pause, replay
- Get up and leave – I won't know
- Your environment you chair, your home
- Your beverage
- COVID-19 isolation

## **Benefits of Audio recorded Presentations**

- COVID-19 isolation
- Food and Drink - not permitted on-site
- Can be (re)viewed after the presentation
- Infirm we come to you
- Adjust your volume and video sizing
- Topical delivery
- View from the summer home
- No tracking via registration
- Split presentations - topical or detailed
- Drinking game

**Benefits of Audio recorded Presentations**

RESIDENT HOME

*My Profile*

*My Preferences*

*Account Statements*

*Resident Directory*

*My Neighborhood*

*My Memberships*

CA CALENDAR

COMMUNITY  
ASSOCIATION INFO

DEPARTMENTS &  
HOURS

# My Memberships

Year Eff	Exp	Type	Payment	Additional
2020 1/1	12/31	Full Membership	Paid in Full	
		<b>Computer Club</b>		
2020 1/1	12/31	Full Membership	Paid in Full	

- iDevices SIG
- Internet of Things
- First Time
- CyberSecurity
- Windows SIG
- Hearing Solutions SIG
- Malware Help
- DNA SIG
- Genealogy SIG
- VectorVest

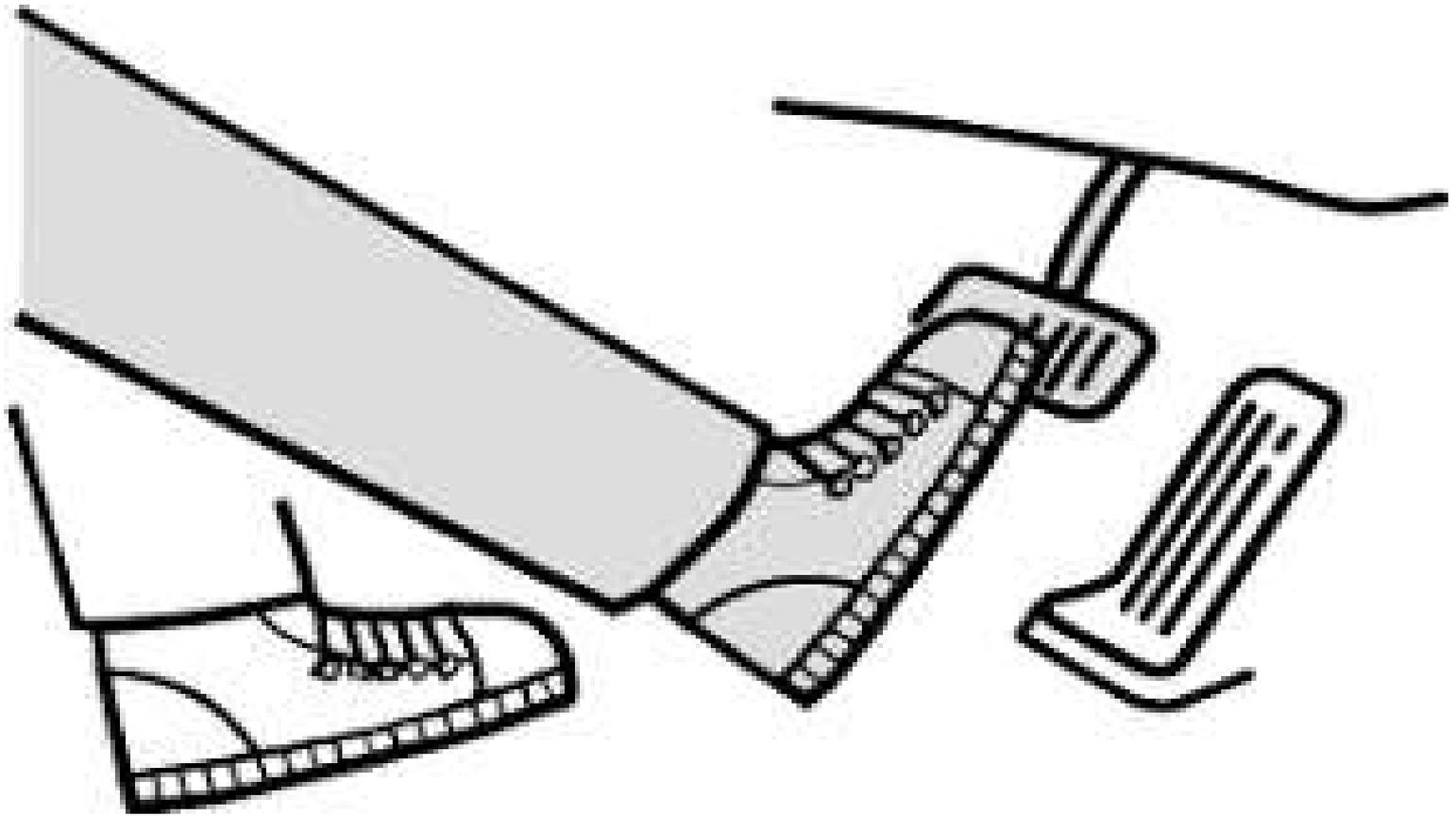
**Sign-in -> Check-in**

- Your input is desired, needed, requested,
- 2020 meeting schedule – Annex

## SIG leader?

- Special Interest GROUP
- Sign in Check in
  
- Then this happened

**Windows SIG news**



- Chrome, Edge TAB annoyance
- Windows Terminal
- Pktmon
  - lists network interfaces
  - Check network traffic

**Windows News**

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

Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\Users\john> pktmon help
pktmon { filter | comp | reset | start | stop } [OPTIONS | help]
    Monitor internal packet propagation and packet drop reports.

Commands
  filter      Manage packet filters.
  comp        Manage registered components.

  reset       Reset counters to zero.
  start       Start packet monitoring.
  stop        Stop monitoring.
  format      Convert log file to text.
  unload      Unload PktMon driver.

help
  Show help text for a command.

PS C:\Users\john> |
```

**pktmon**

Administrator: Command Prompt

```
C:\WINDOWS\system32>pktmon start --etw -p 0 -l real-time
Active measurement started.
Processing...
```

```
16:11:19.223872400 PktGroupId 281474976710657, PktNumber 1, Appearance 1, Direction Tx , Type Ethernet , Component 39, Edge 1, Filter 1, OriginalSize 79, LoggedSize 79
    08-00-27-14-02-F7 > 52-54-00-12-35-02, ethertype IPv4 (0x0800), length 79: 10.0.2.15.50541 > 4.2.2.1.53: 45212+
A? accounts.google.com. (37)
16:11:19.223894900 PktGroupId 281474976710657, PktNumber 1, Appearance 2, Direction Tx , Type Ethernet , Component 17, Edge 1, Filter 1, OriginalSize 79, LoggedSize 79
    08-00-27-14-02-F7 > 52-54-00-12-35-02, ethertype IPv4 (0x0800), length 79: 10.0.2.15.50541 > 4.2.2.1.53: 45212+
A? accounts.google.com. (37)
16:11:19.223899200 PktGroupId 281474976710657, PktNumber 1, Appearance 3, Direction Tx , Type Ethernet , Component 17, Edge 2, Filter 1, OriginalSize 79, LoggedSize 79
    08-00-27-14-02-F7 > 52-54-00-12-35-02, ethertype IPv4 (0x0800), length 79: 10.0.2.15.50541 > 4.2.2.1.53: 45212+
A? accounts.google.com. (37)
16:11:19.223901400 PktGroupId 281474976710657, PktNumber 1, Appearance 4, Direction Tx , Type Ethernet , Component 18, Edge 1, Filter 1, OriginalSize 79, LoggedSize 79
    08-00-27-14-02-F7 > 52-54-00-12-35-02, ethertype IPv4 (0x0800), length 79: 10.0.2.15.50541 > 4.2.2.1.53: 45212+
A? accounts.google.com. (37)
16:11:19.223912600 PktGroupId 281474976710657, PktNumber 1, Appearance 5, Direction Tx , Type Ethernet , Component 18, Edge 2, Filter 1, OriginalSize 79, LoggedSize 79
    08-00-27-14-02-F7 > 52-54-00-12-35-02, ethertype IPv4 (0x0800), length 79: 10.0.2.15.50541 > 4.2.2.1.53: 45212+
A? accounts.google.com. (37)
16:11:19.223914900 PktGroupId 281474976710657, PktNumber 1, Appearance 6, Direction Tx , Type Ethernet , Component 9, Edge 1, Filter 1, OriginalSize 79, LoggedSize 79
    08-00-27-14-02-F7 > 52-54-00-12-35-02, ethertype IPv4 (0x0800), length 79: 10.0.2.15.50541 > 4.2.2.1.53: 45212+
A? accounts.google.com. (37)
16:11:19.224123700 PktGroupId 562949953421313, PktNumber 1, Appearance 1, Direction Tx , Type Ethernet , Component 39, Edge 1, Filter 1, OriginalSize 79, LoggedSize 79
    08-00-27-14-02-F7 > 52-54-00-12-35-02, ethertype IPv4 (0x0800), length 79: 10.0.2.15.50541 > 4.2.2.1.53: 45212+
A? accounts.google.com. (37)
```

- Microsoft Windows 10 version 2004
- Previous Feature updates 1903, 1909
- Previous employ 3 requirements people
- One developer
- 4 Testers
- 2 documenters
- 2 QC people
- Alpha test
- Beta test
- Field test

**Windows News**

- Settings > Update & Security > Windows Update
- Your systems(s) may not be eligible
- 16 million combinations
- About 30 minutes Surface Pro 4
  - .NET Framework 3.5 & 4.8
  - Adobe Flash security update
  - Surface Firmware x2
  - Bluetooth

**Windows 10 2004 May 2020 update**

- Sandbox update at invocation
- But not Edge
- Security suite update/upgrade  
MalwareBytes
- Postpone update?
  
- Media Creation Tool
- Explicit restore point
- User file backup

**Windows 10 version 2004**

- Faster
- Bluetooth Settings -> Notifications
- Passphrase Face, Fingerprint, PIN
- Potentially Unwanted Programs (PUP)  
Potentially Unwanted Apps (PUA)

**Version 2004 What's new?**



Home



Virus & threat protection



Account protection



Firewall & network protection



App & browser control



Device security



Device performance & health



Family options

## Security at a glance

See what's happening with the security and health of your device and take any actions needed.



Virus & threat protection  
No action needed.



Account protection  
No action needed.



Firewall & network protection  
No action needed.



App & browser control  
The setting to block potentially unwanted apps is turned off.  
Your device may be vulnerable.

Turn on

Dismiss



## Reputation-based protection

These settings protect your device from malicious or potentially unwanted apps, files, and websites.

### Check apps and files

Microsoft Defender SmartScreen helps protect your device by checking for unrecognized apps and files from the web.



Check apps and files is off. Your device may be vulnerable. [Dismiss](#)



Off



## Reputation-based protection

These settings protect your device from malicious or potentially unwanted apps, files, and websites.

### Check apps and files

Microsoft Defender SmartScreen helps protect your device by checking for unrecognized apps and files from the web.



On

## SmartScreen for Microsoft Edge

Microsoft Defender SmartScreen helps protect your device from malicious sites and downloads.

 SmartScreen for Microsoft Edge is [Dismiss](#) off. Your device may be vulnerable.

off

## SmartScreen for Microsoft Edge

Microsoft Defender SmartScreen helps protect your device from malicious sites and downloads.

On

## Potentially unwanted app blocking

Protect your device from low-reputation apps that might cause unexpected behaviors.

 The setting to block potentially unwanted apps is turned off. Your device may be vulnerable. [Dismiss](#)

Off

## Potentially unwanted app blocking

Protect your device from low-reputation apps that might cause unexpected behaviors.

On

## SmartScreen for Microsoft Store apps

Microsoft Defender SmartScreen protects your device by checking web content that Microsoft Store apps use.

 SmartScreen for Microsoft Store apps is off. Your device may be vulnerable. [Dismiss](#)

Off

## SmartScreen for Microsoft Store apps

Microsoft Defender SmartScreen protects your device by checking web content that Microsoft Store apps use.

On

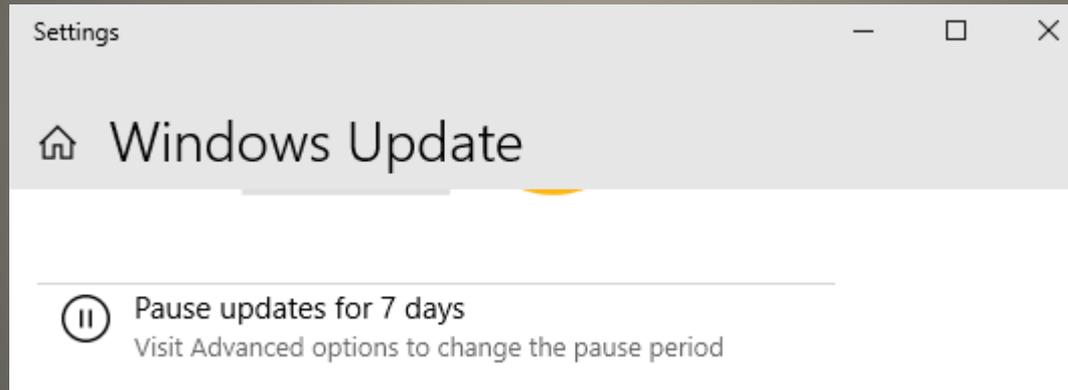
- Yet more emoji/kaomoji
- Name your desktops  
Desktop 1 Desktop 2  
More meaningful names
- DirectX 12 Ultimate better graphics
- Segment Heap to Edge
- Notepad improvements
- Cortana chat-based
- Narrator

**Windows 10 version 2004**

- Game Bar enhancements - maby
- Frames per Second - maby
- GPU temperature - maby

**Gamers**

- Windows 10 May 2020 feature update
- Loooooong time to release QC ?
- Seekers Windows Update
- Avoiders Windows Update



**Windows 10 version 2004**

# Windows Update



You're up to date

Last checked: Today, 11:17

Check for updates

## Feature update to Windows 10, version 2004

The Windows 10 May 2020 Update is on its way. We're offering this update to compatible devices, but your device isn't quite ready for it. Once your device is ready, you'll see the update available on this page. There's nothing you need to do at this time.



Learn more

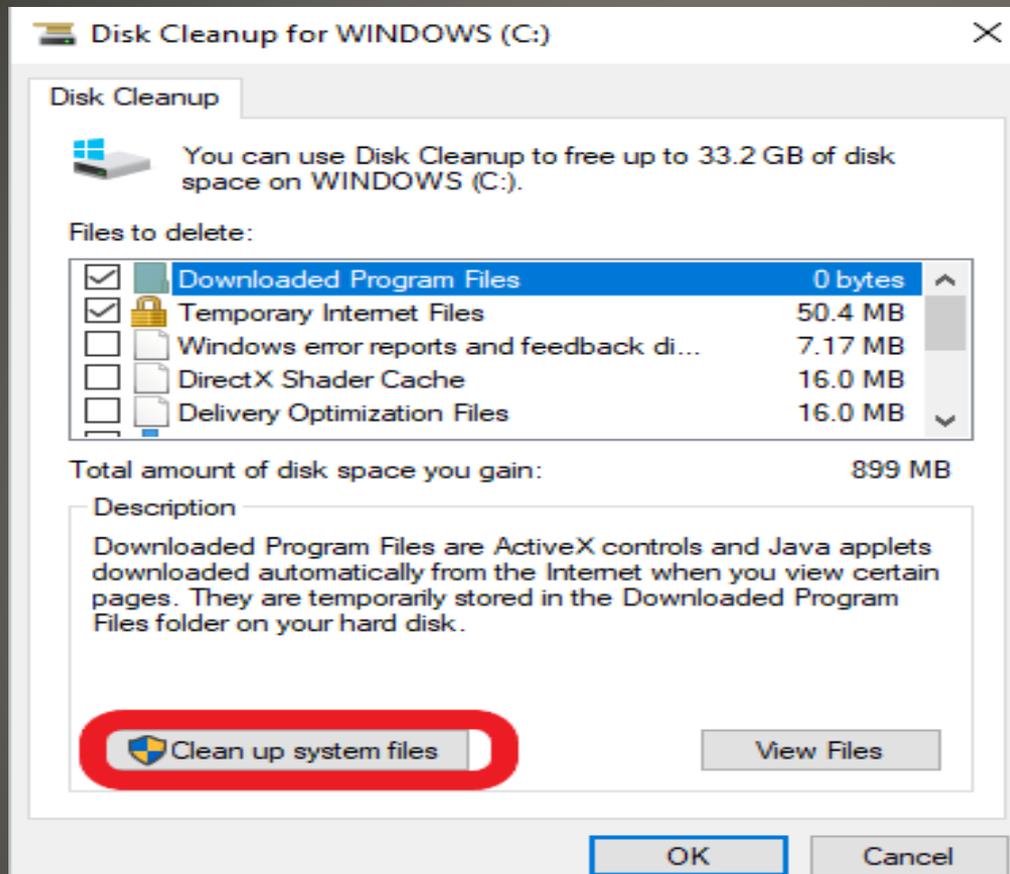
# Warning to wait

- Linux kernel

**Windows Subsystem for Linux 2**

- WSL 2
- Lightweight Virtual Machine (VM)
- Linux kernel performance & compatibility
- Native Linux kernel calls - not API
- Virtual ext4 filesystem
  - Helpful <> Harmful
- Too much virtual?? Revert WSL 1

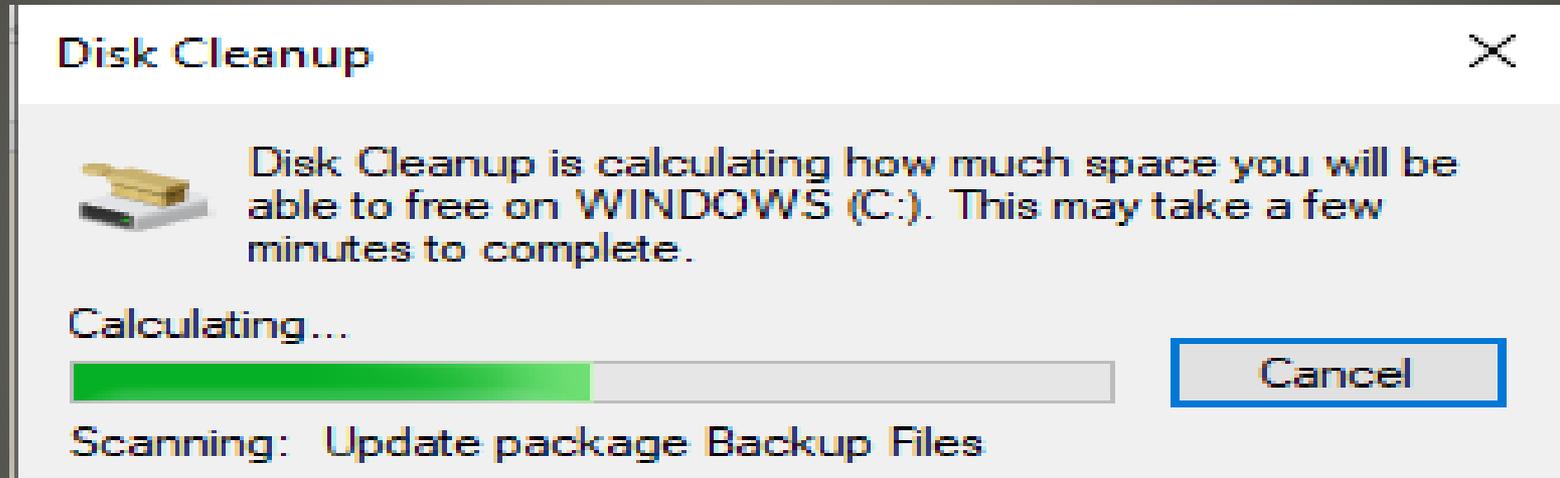
## Windows Subsystem for Linux 2



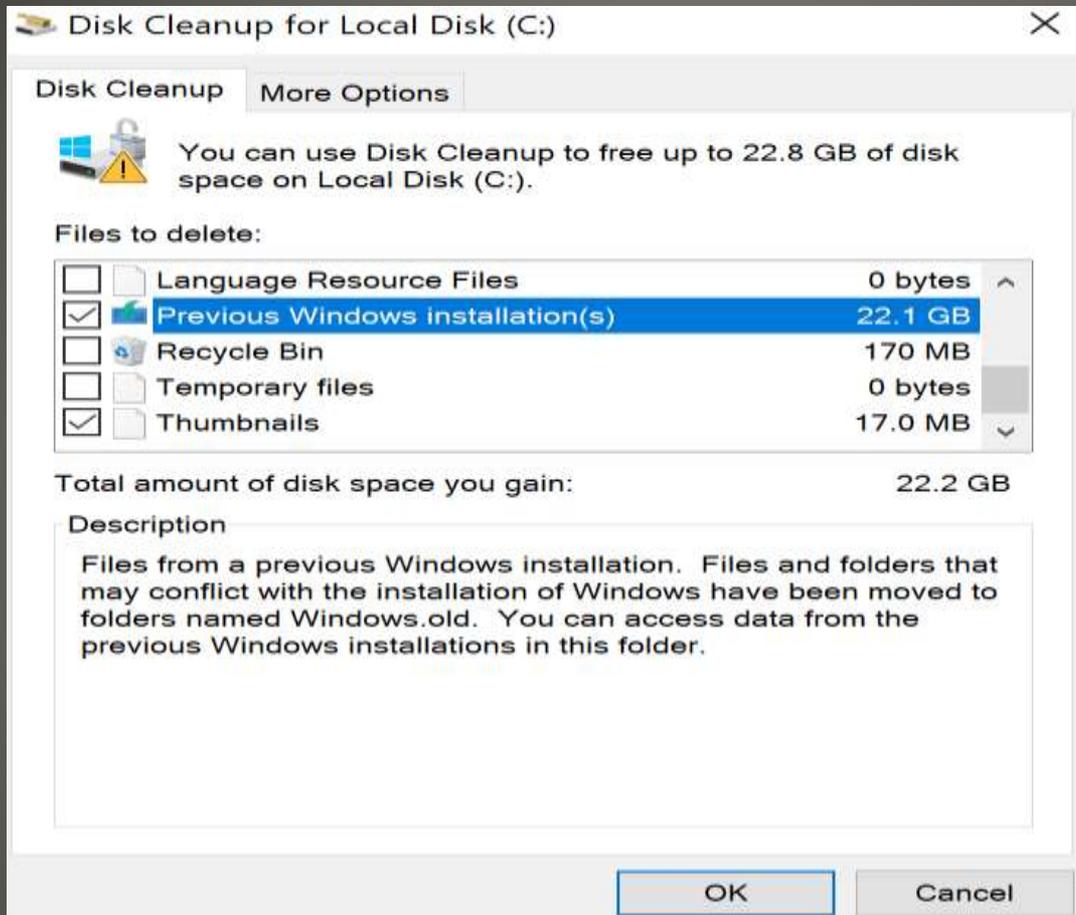
# Disk Cleanup

- For small disk systems
- AND
- Be sure
- **Be real sure**

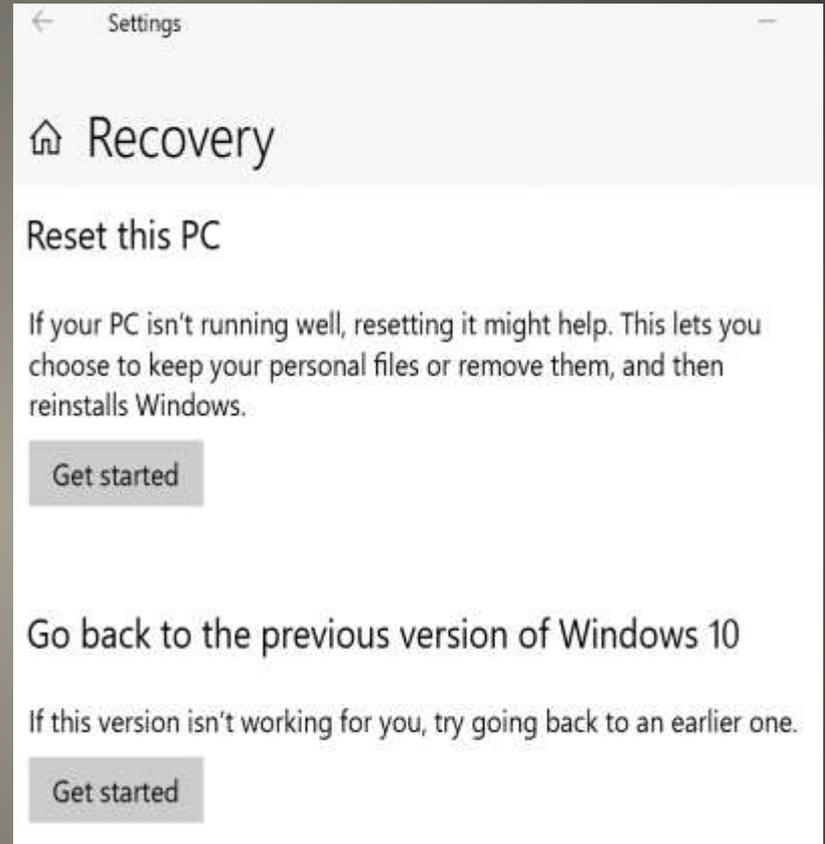
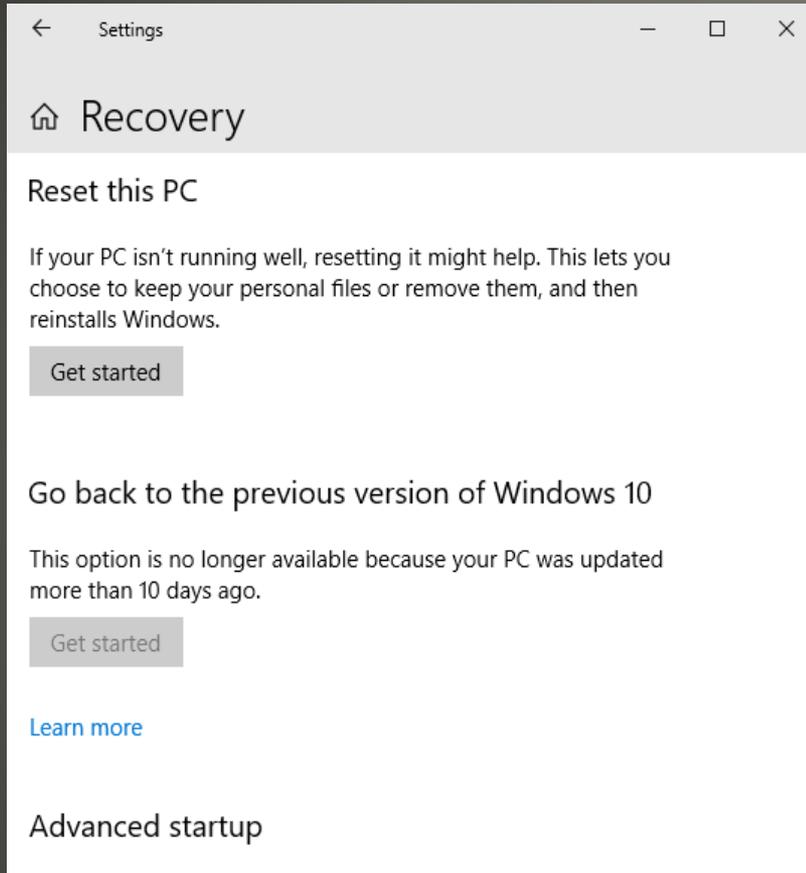
- Disk Cleanup in Search Bar



# Disk Cleanup



**New Windows 10 2004**



# Changed my mind

Task Manager

File Options View

Processes Performance App history Startup Users Details Services

Last BIOS time: 3.1 seconds

Name	Publisher	Status	Startup impact
Cortana	Microsoft Corporation	Enabled	Not measured
Microsoft OneDrive	Microsoft Corporation	Enabled	High
Registry Cleaner	VIPRE Security	Enabled	Medium
SBAMTray Application	ThreatTrack Security, Inc.	Enabled	High
Windows Security notificatio...	Microsoft Corporation	Enabled	Low

Fewer details Disable

Task Manager

File Options View

Processes Performance App history Startup Users Details Services

Last BIOS time: 3.1 seconds

Name	Publisher	Status	Startup impact
Cortana	Microsoft Corporation	Disabled	Not measured
Microsoft OneDrive	Microsoft Corporation	Enabled	High
Registry Cleaner	VIPRE Security	Enabled	Medium
SBAMTray Application	ThreatTrack Security, Inc.	Enabled	High
Windows Security notificatio...	Microsoft Corporation	Enabled	Low

Fewer details Enable

# Disable Cortana?

# View update history

[Uninstall updates](#)

[Recovery options](#)

## Update history

### ∨ Feature Updates (1)

Feature update to Windows 10, version 2004

Successfully installed on 5/28/2020

[See what's new in this update](#)

Settings

Home

Find a setting

### System

Display

Sound

Notifications & actions

Focus assist

Power & sleep

Battery

Storage

## Notifications & actions

### Notifications

Get notifications from apps and other senders

On

To control times when you do or don't get notifications, try Focus assist.  
[Focus assist settings](#)

- Show notifications on the lock screen
- Show reminders and incoming VoIP calls on the lock screen
- Allow notifications to play sounds
- Show me the Windows welcome experience after updates and occasionally when I sign in to highlight what's new and suggested
- Suggest ways I can finish setting up my device to get the most out of Windows
- Get tips, tricks, and suggestions as you use Windows

Get notifications from these senders

# Check out our latest tips!

Explore what's new



**What's new**

15 tips



**Work remotely**

8 tips



**Learn remotely**

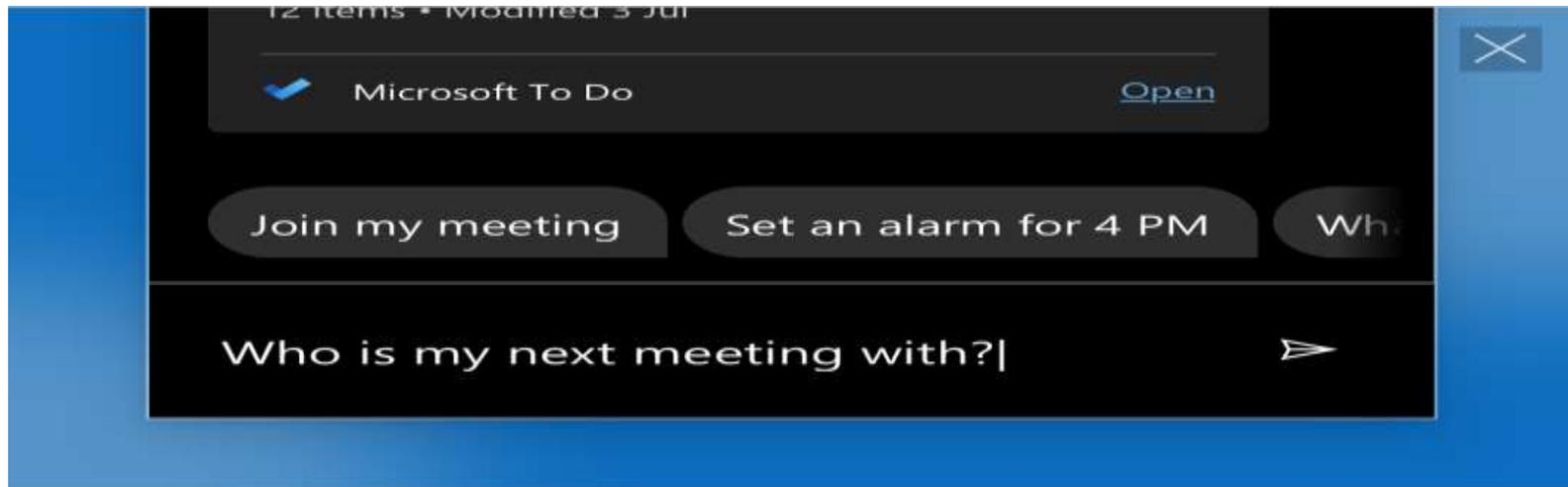
6 tips



**Pick a good workspace**

5 tips





## Cortana can help you prepare for meetings

When you need to know who's in your next meeting, just ask Cortana for help. Try, "Who's my next meeting with?"

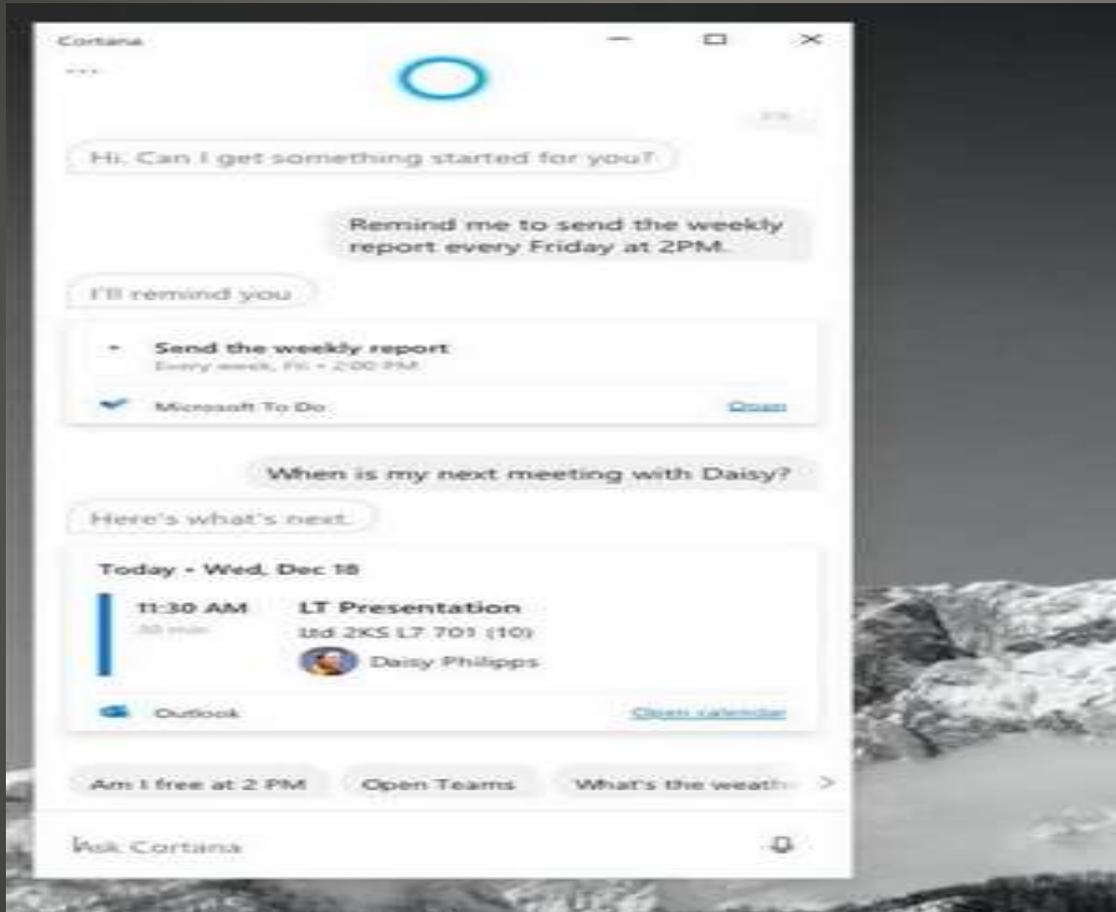
[Open Cortana](#)



Tip 1 of 15



- Separate app Cortana app



Cortana



## This site has been reported as unsafe

Hosted by www.eicar.org

Microsoft recommends you don't continue to this site. It has been reported to Microsoft for containing harmful programs that may try to steal personal or financial information.

Go back

More information ∨

Microsoft Defender SmartScreen

# European Institute for Computer Antivirus Research EICAR

- None of us are as experienced as all of us
- Awareness, Preparedness, Understanding
- Participate

