

# Tune Up your Windows PC

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Get a  
Copy : Go  
thru at  
your own  
speed.



**This  
Presentation  
covers  
Windows  
10**

# Microsoft Procedures

Different Approaches

- <http://bit.ly/2wLI1IX>
- <https://support.microsoft.com/en-us/help/12425/windows-10-free-up-drive-space>
- [If you're getting a Low Disk Space error because of a full Temp folder](#)
- [Free up space with Storage Sense](#)
- [Free up space with Disk Cleanup](#)

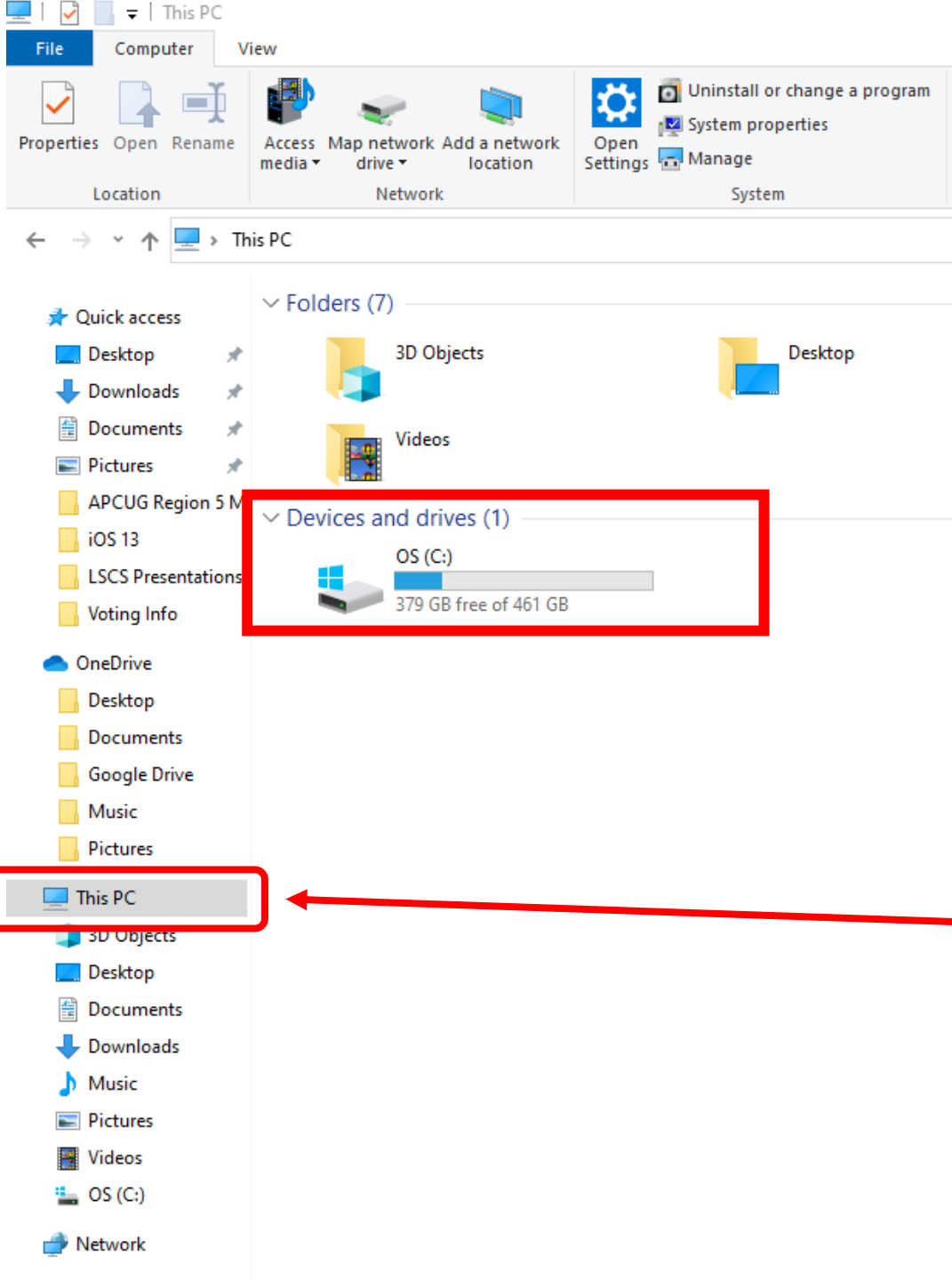
# Microsoft Procedures

Different Approaches

- [Free up space to install the latest Windows 10 update](#)
- [Delete personal files or move them to an external storage device](#)
- [Save new personal files to another drive](#)
- [Turn on OneDrive Files On-Demand](#)
- [Run antivirus software](#)

# “Free Up Space” Tools to Clean Up the Main Memory Drive by Microsoft

- Not able to install important Windows updates,
  - PC's performance may be affected.
- Some ways to free up space to keep the PC up to date and running smoothly.
- These suggestions are listed in order, so
  - start with the first one,
  - see if that helps,
  - and then continue to the next one if it doesn't.
- **To check the total disk space:**
  - select 'File Explorer' from the taskbar,
  - select 'This PC' on the left side Navigation Bar.



## 'Checking' Total Disk Space In File Explorer.

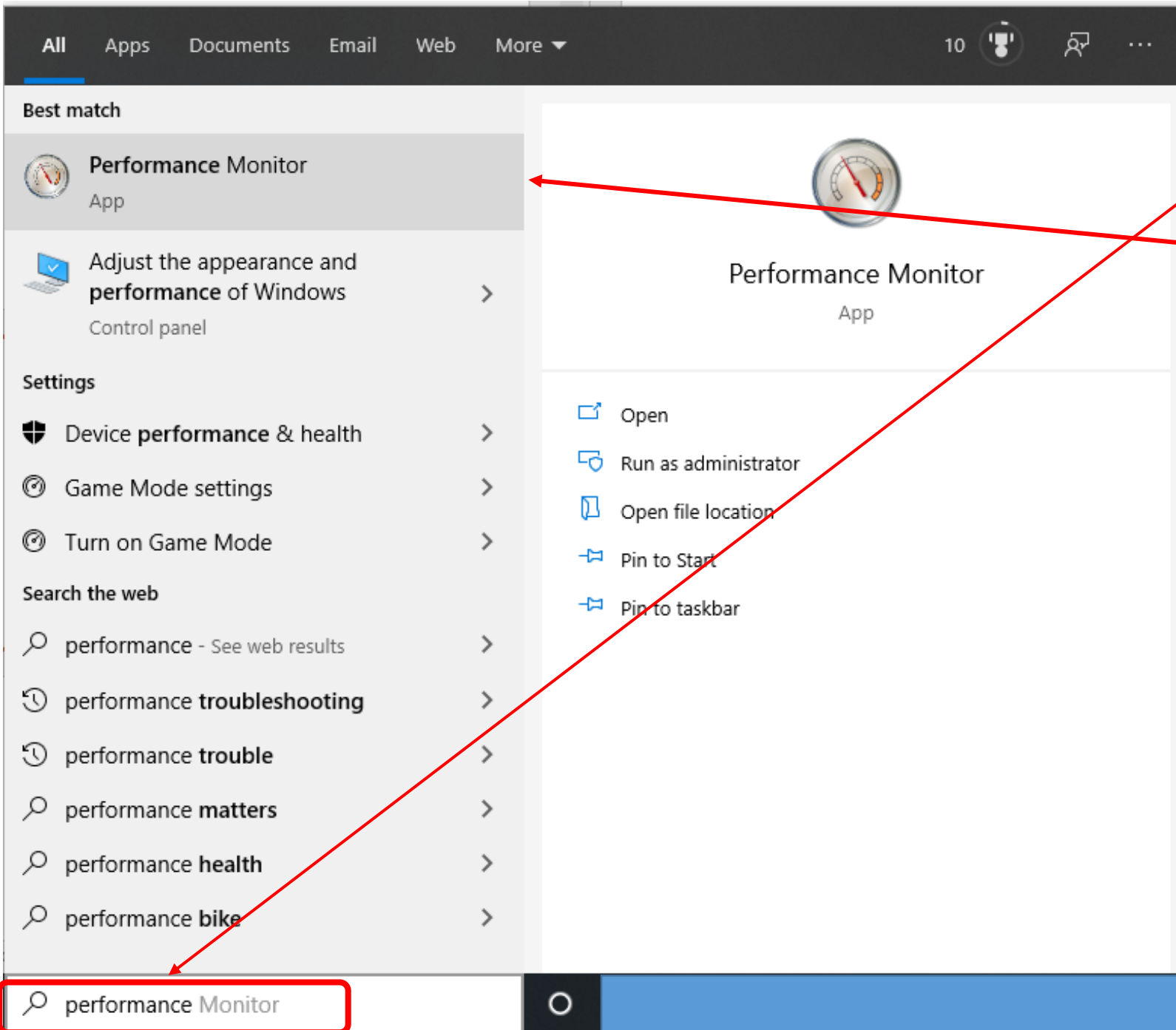
1. Click on 'File Explorer' icon.
2. Click on 'This PC'.
3. Check Devices and Drives OS(C:)
4. Make Note of the Free GB. (379 GB free)

# Adjust appearance & performance

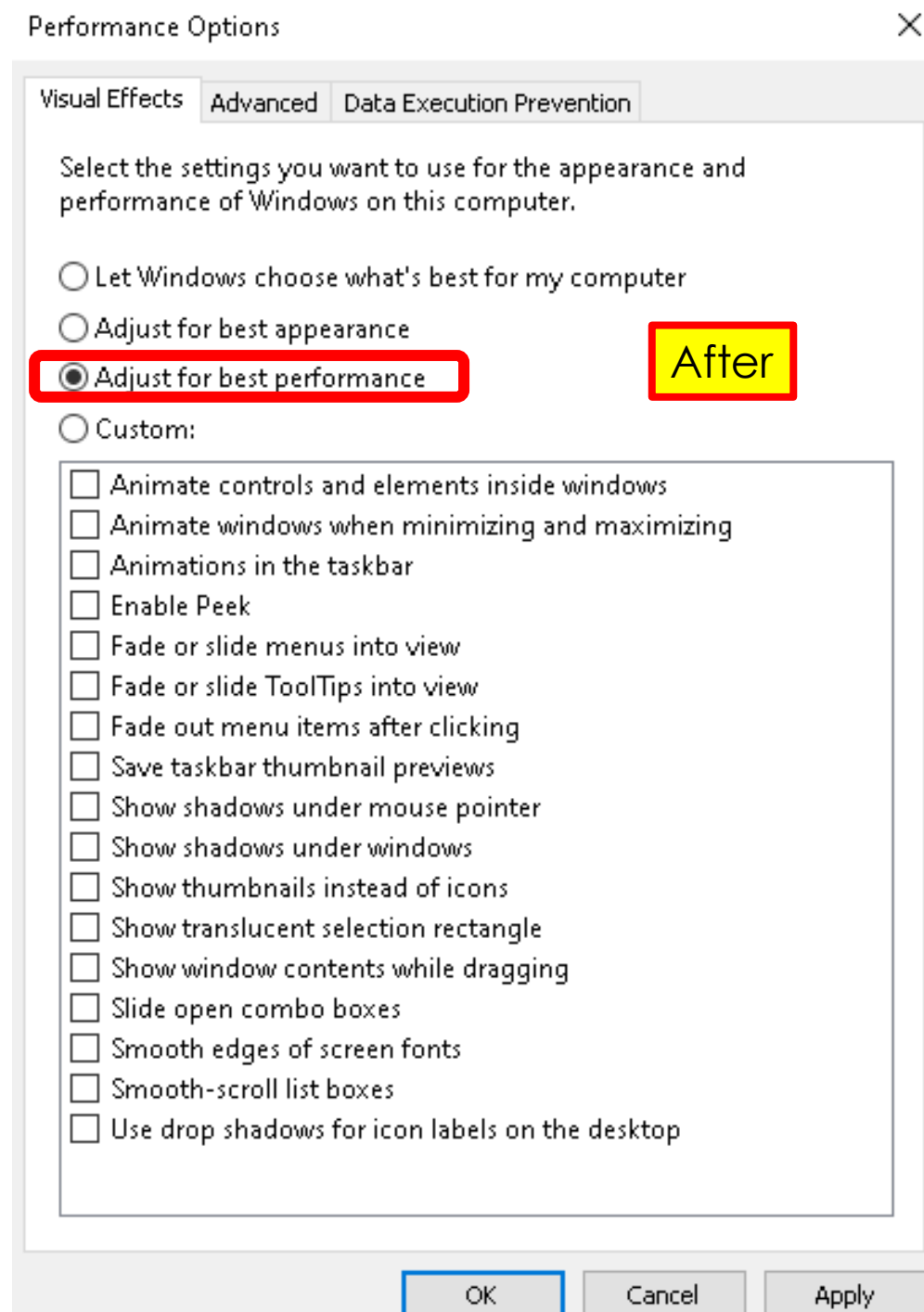
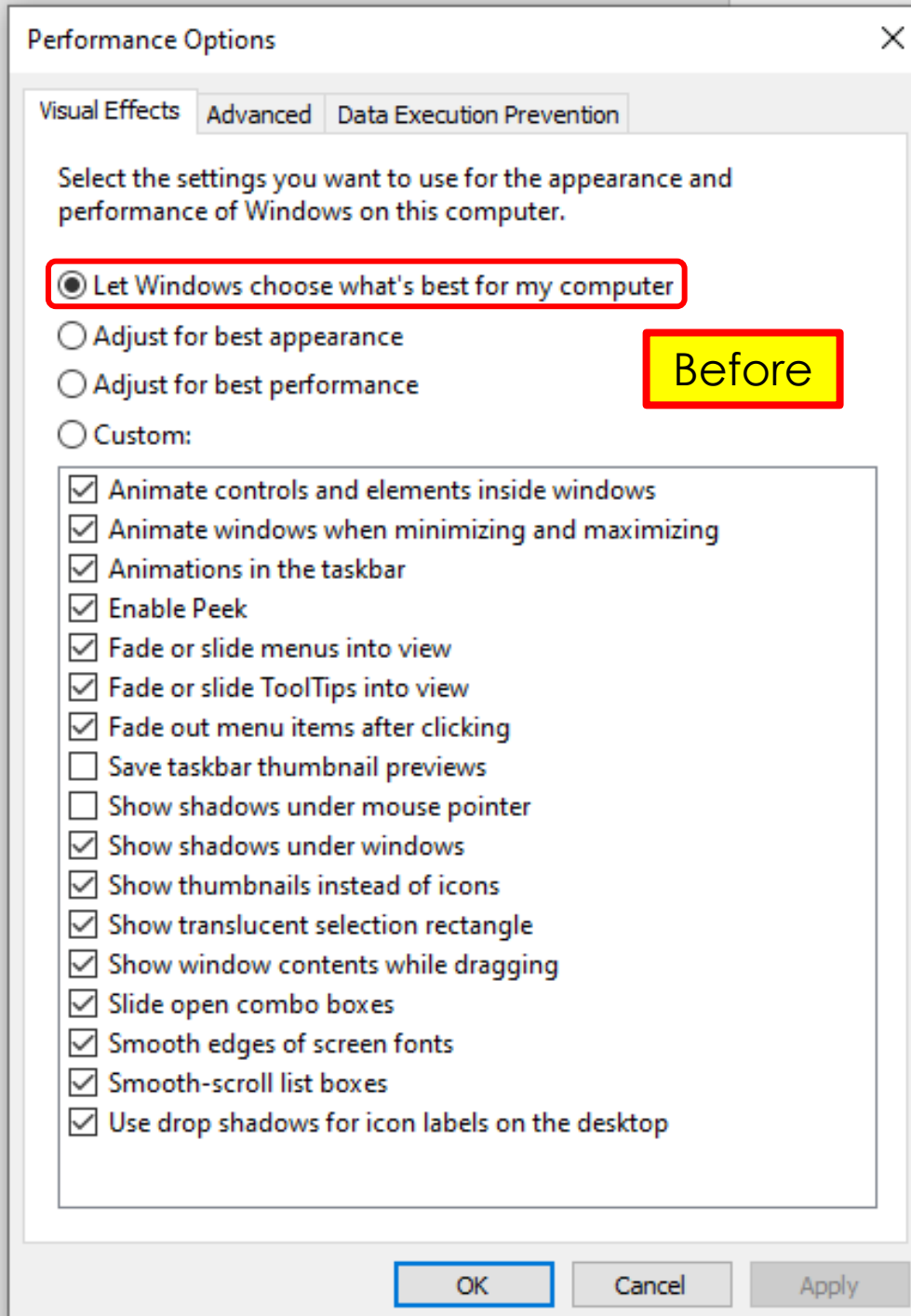
- Windows 10 includes many visual effects, such as:
  - animations
  - and shadow effects.
- They also use additional system resources and slow down the PC.
- Especially if the PC has a smaller amount of memory (RAM).
- To adjust the visual effects in Windows:
  1. In the search box on the taskbar, type 'performance'.
  2. Select 'Adjust the appearance and performance of Windows'.
  3. On the Visual Effects tab, select Adjust for best performance.
  4. Click on 'Apply'.
  5. **Restart** the PC and see if that speeds up the PC.

## Adjust Appearance and Performance

1. Type 'Performance' in the search bar.
2. Click on 'Performance Monitor' app.







# Storage Sense

by Microsoft

- How to remove temporary files using the Settings app.
  - manually or automatically.
- It will automatically remove files no longer needed.
  - those files that apps store on the PC to hold information temporarily,
  - those leftover files after installing a new version of software,
  - upgrade logs, (log files that are created when upgrades the OS)
  - error reporting, (logs written by the operating system due to errors)
  - temporary Windows installation files.
- These files won't cause any issues:
  - but they can grow rapidly
  - using valuable space on the hard drive,

# Storage Sense

- Storage sense monitors the system for old and unused files.
- It actively removes them on a regular schedule.

**Example:** files lying in the Recycle Bin for more than 30 days this feature will help take care of it.

# Step to manage Storage Sense

- Turn on Storage Sense
  1. Click the Start Menu.
  2. Click Settings.
  3. Click System.
  4. Click Storage
  5. Toggle Storage Sense **ON**.

# Steps to manage Storage Sense

## 1. Settings > System

### Windows Settings

Find a setting



#### System

Display, sound, notifications, power



#### Devices

Bluetooth, printers, mouse



#### Phone

Link your Android, iPhone



#### Network & Internet

Wi-Fi, airplane mode, VPN



#### Personalization

Background, lock screen, colors



#### Apps

Uninstall, defaults, optional features



#### Accounts

Your accounts, email, sync, work, family



#### Time & Language

Speech, region, date



#### Gaming

Game bar, captures, broadcasting, Game Mode



#### Ease of Access

Narrator, magnifier, high contrast



#### Search

Find my files, permissions



#### Cortana

Cortana language, permissions, notifications



#### Privacy

Location, camera, microphone



#### Update & Security

Windows Update, recovery, backup

# Storage

Storage Sense can automatically free up space by getting rid of files you don't need, like temporary files and content in your recycle bin.



[Configure Storage Sense or run it now](#)

## OS (C:) - 476 GB



This is how your storage is used and how you can free up space.

**Temporary files** 18.8 GB  
Choose which temporary files to remove

**Other people** 17.4 GB  
Remove unused local accounts

**Apps & features** 15.2 GB  
Uninstall unused or undesired apps & features

**OneDrive** 8.69 GB  
Remove unused cloud-backed content

**Other** 3.81 GB  
Manage other large folders

# Steps to manage Storage Sense

## System Storage Display

1. Turn Storage Sense **ON**.
2. Click 'Configure Storage Sense'.
3. Click 'Temporary files'.
  - A. Manage Temp Files.
  - B. Return to this page.
4. Click 'Apps & features'.
  - A. Manage Apps & features.
  - B. Return to this page.
5. Click any category desired etc.

## Configure Storage Sense or run it now

### Storage Sense

On

Storage Sense runs automatically when you're low on disk space. We cleaned up 1.60 GB of space in the past month.

#### Run Storage Sense

Every week

### Temporary Files

Delete temporary files that my apps aren't using

Delete files in my recycle bin if they have been there for over

14 days

Delete files in my Downloads folder if they have been there for over

14 days

### Locally available cloud content

Storage Sense can free up space by removing unused cloud-backed content from your device.

Content flagged as "Always keep on this device" will not be affected.

[Click here for more information](#)

#### OneDrive

Content will become online-only if not opened for more than:

Never

### Free up space now

If you're low on space, we can try to clean up files now using the settings on this page.

Clean now

# Steps to manage Storage Sense

Configure Storage Sense or run it now display.

1. Set the desires for Automatic run

2. Run it Now

## Temporary files

Some temporary files are needed by apps. Below is a list of files you can remove now.

Remove files Total selected: 8.23 MB

<input checked="" type="checkbox"/>	<b>Thumbnails</b> 6.01 MB Windows keeps a copy of all of your picture, video, and document thumbnails so they can be displayed quickly when you open a folder. If you delete these thumbnails, they will be automatically recreated as needed.
<input checked="" type="checkbox"/>	<b>Temporary files</b> 2.02 MB Apps can store temporary information in specific folders. These can be cleaned up manually if the app does not do it automatically.
<input checked="" type="checkbox"/>	<b>Delivery Optimization Files</b> 192 KB Delivery Optimization files are files that were previously downloaded to your computer and can be deleted if currently unused by the Delivery Optimization service.
<input checked="" type="checkbox"/>	<b>Temporary Internet Files</b> 6.15 KB The Temporary Internet Files folder contains webpages stored on your hard disk for quick viewing. Your personalized settings for webpages will be left intact.

# Steps to manage Storage Sense

Temp files display

2. Click Remove Files

1. Put Checks in the Boxes

### Updates

764 KB

[View update settings](#)



# Apps & features

## Steps to manage Storage Sense

### Apps & features display

### Apps & features

Optional features

App execution aliases

Search, sort, and filter by drive. If you would like to uninstall or move an app, select it from the list.

Search this list

Sort by: Size

Filter by: OS (C:)

Name	Size	Install date
atomPDF	1.22 GB	8/1/2019
Media Player 19 with PowerDVD	576 MB	2/9/2020
Intel® PROSet/Wireless Software	385 MB	2/9/2020
123 Photo Viewer mjmengji.com	299 MB	2/1/2020
Intel® Management Engine Components	242 MB	2/9/2020
Fitbit Fitbit	228 MB	12/11/2019

1. Click on 'Sort by' down chevron.
2. Click on Size.
3. Click on any App to:
  - A. Uninstall
  - B. Modify
  - C. Move.

# Disk Cleanup

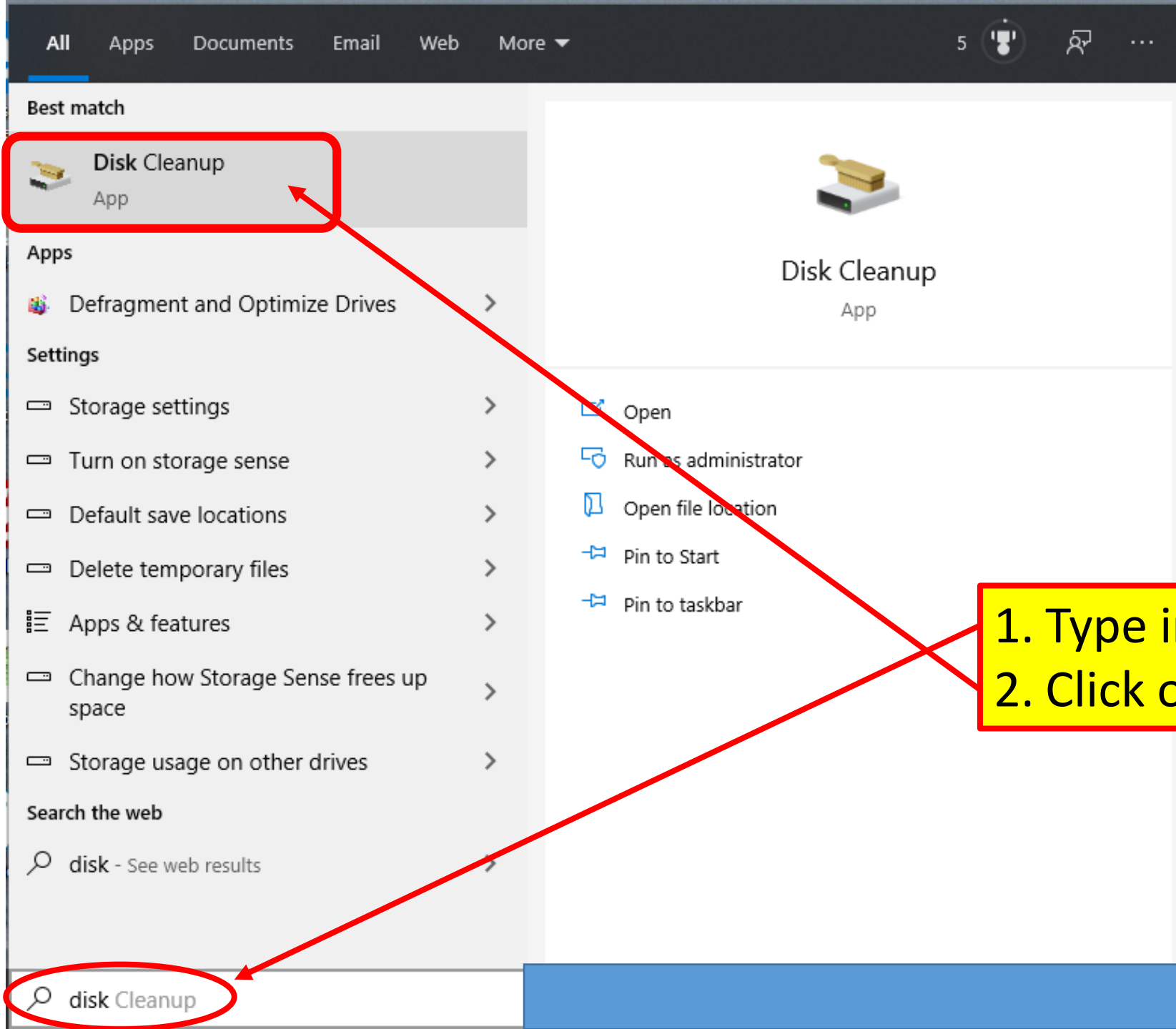
by Microsoft

- Use Disk Cleanup on a regular basis to reduce the number of unnecessary files on the main memory device. (c)
- Disk Cleanup is the Microsoft equivalent of spring cleaning.
- Free up main memory space and help the PC run better.
- It can delete:
  - temporary files
  - system files, (that are not needed)
  - Some of these files include:
    - Temporary internet and Windows files
    - Program download files
    - Files in Recycle Bin
    - Cached files - data so that future requests can be served faster.

# Disk Cleanup

by Microsoft

- **To delete temporary files:**
  1. In the search box on the taskbar, type “disk cleanup”.
  2. Select Disk Cleanup app from the list of results.
    - A. Select the drive to clean up,
    - B. Select OK.
  3. Under Files to delete, select all the file types.
    - A. To get a description of the file type, select it.
  4. Select OK.

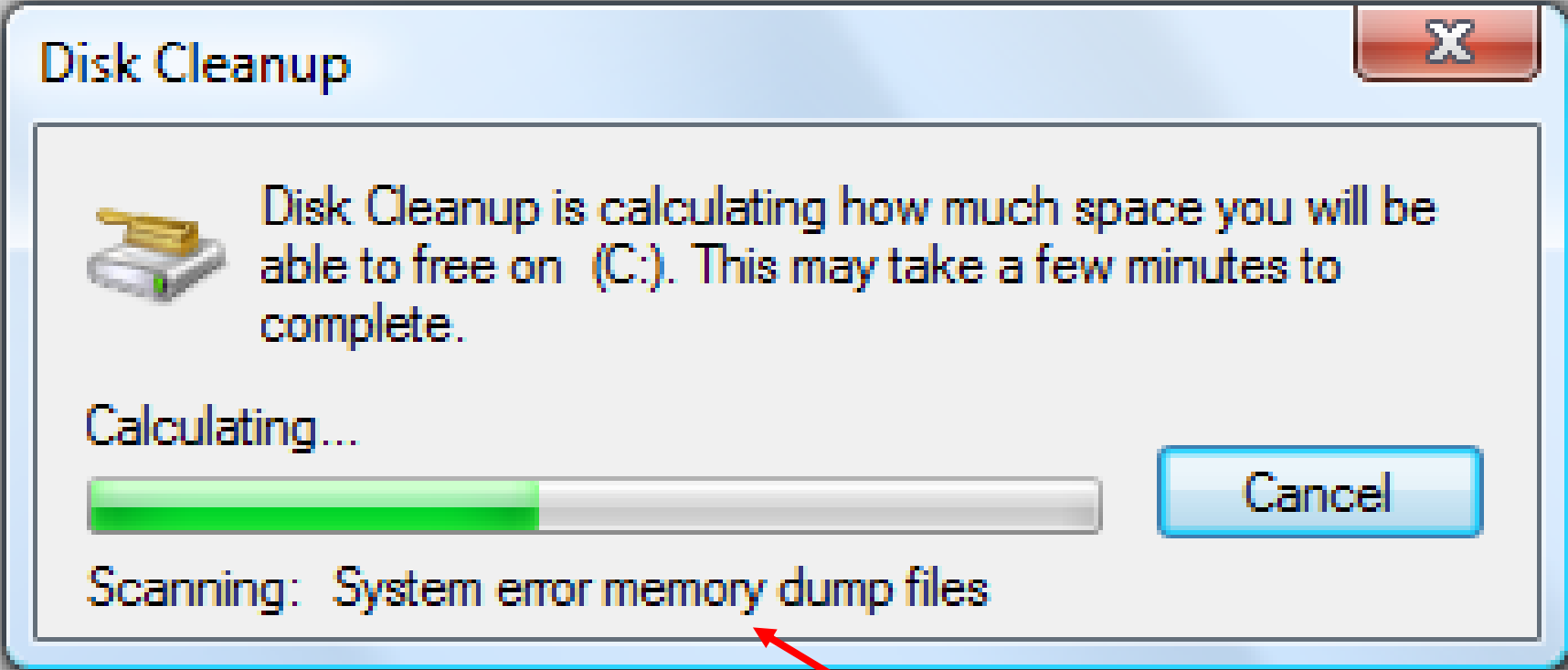


# Disk Cleanup Windows 10

Desktop Display

1. Type in the search bar.
2. Click on this app.

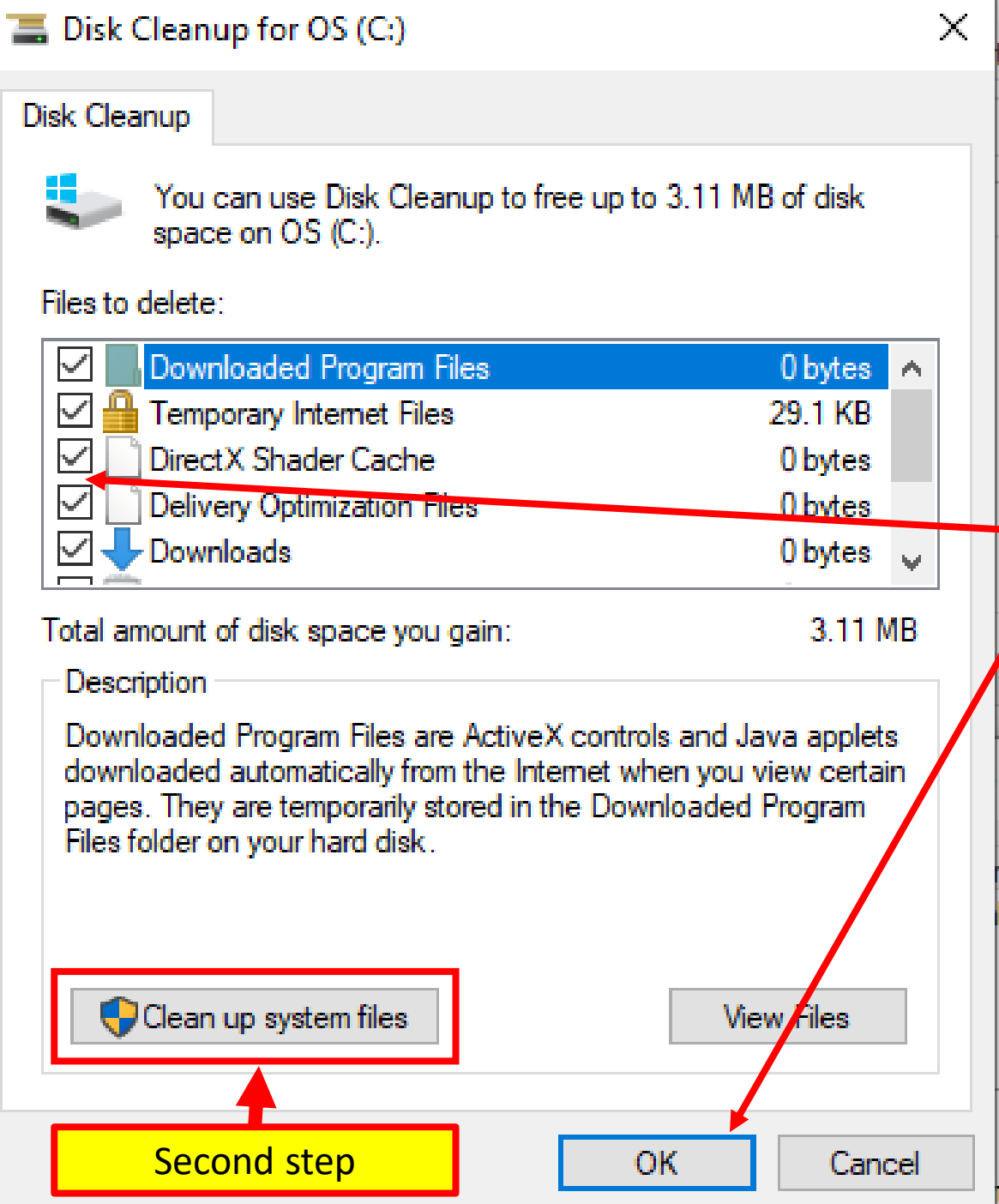
**PC is calculating**



This Display may not occur.

Disk Cleanup Results  
397 to 399 Free

This Description will change.



# Disk Cleanup Windows 10 Temp Files

Disk Cleanup Display

1. Make sure all boxes are checked.
2. Click OK to start the cleanup.

Clean up system files

Second step

OK

Cancel

# Disk Cleanup Windows 10

Disk Cleanup



Are you sure you want to permanently delete these files?

Delete Files

Cancel

Click on Delete Files

# To free up more space:

## Disk Cleanup System Files

- Delete system files that are not required:
  1. In Disk Cleanup, select “**Clean up system files.**”
  2. Select all the file types to get rid of.
    - A. To get a description of the file type, select it.
  3. Select **OK**.

**NOTE:** this may take some time, depending on what needs to be done.



Disk Cleanup



You can use Disk Cleanup to free up to 18.0 MB of disk space on OS (C:).

Files to delete:

<input checked="" type="checkbox"/>	Downloaded Program Files	0 bytes
<input checked="" type="checkbox"/>	Temporary Internet Files	864 bytes
<input type="checkbox"/>	DirectX Shader Cache	0 bytes
<input type="checkbox"/>	Delivery Optimization Files	64.0 KB
<input type="checkbox"/>	Downloads	0 bytes

Total amount of disk space you gain: 1.00 MB

Description

Downloaded Program Files are ActiveX controls and Java applets downloaded automatically from the Internet when you view certain pages. They are temporarily stored in the Downloaded Program Files folder on your hard disk.

Clean up system files

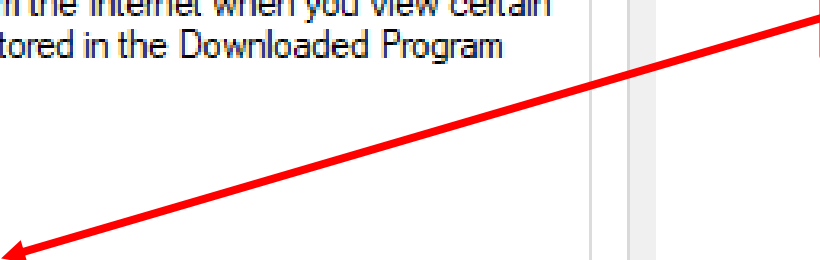
View Files

OK

Cancel

Disk Cleanup  
Windows 10  
System Files

Cleanup System Files



Disk Cleanup More Options

You can use Disk Cleanup to free up to 7.92 GB of disk space on OS (C:).

Files to delete:

<input checked="" type="checkbox"/>	Windows Update Cleanup	6.50 GB
<input checked="" type="checkbox"/>	Windows Defender Antivirus	25.0 MB
<input checked="" type="checkbox"/>	Downloaded Program Files	0 bytes
<input checked="" type="checkbox"/>	Temporary Internet Files	10.8 MB
<input checked="" type="checkbox"/>	Windows error reports and feedback di...	1.37 MB

Total amount of disk space you gain: 7.92 GB

Description

Windows keeps copies of all installed updates from Windows Update, even after installing newer versions of updates. Windows Update cleanup deletes or compresses older versions of updates that are no longer needed and taking up space. (You might need to restart your computer.)

OK Cancel

# Disk Cleanup Windows 10 System Files

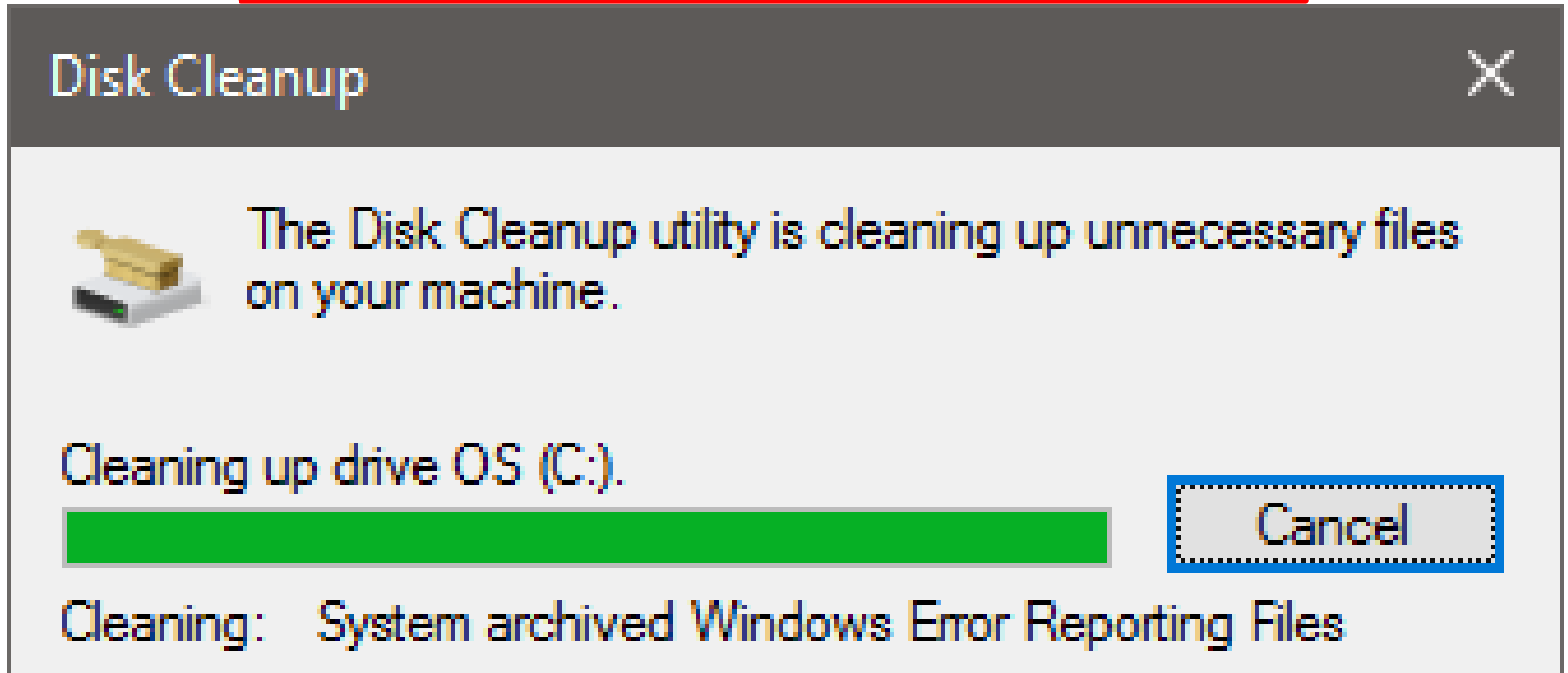
**Note:** After 'Disk Cleanup Temp Files' is Finished, run 'Disk Cleanup **System Files**'.

Make sure all boxes are checked.

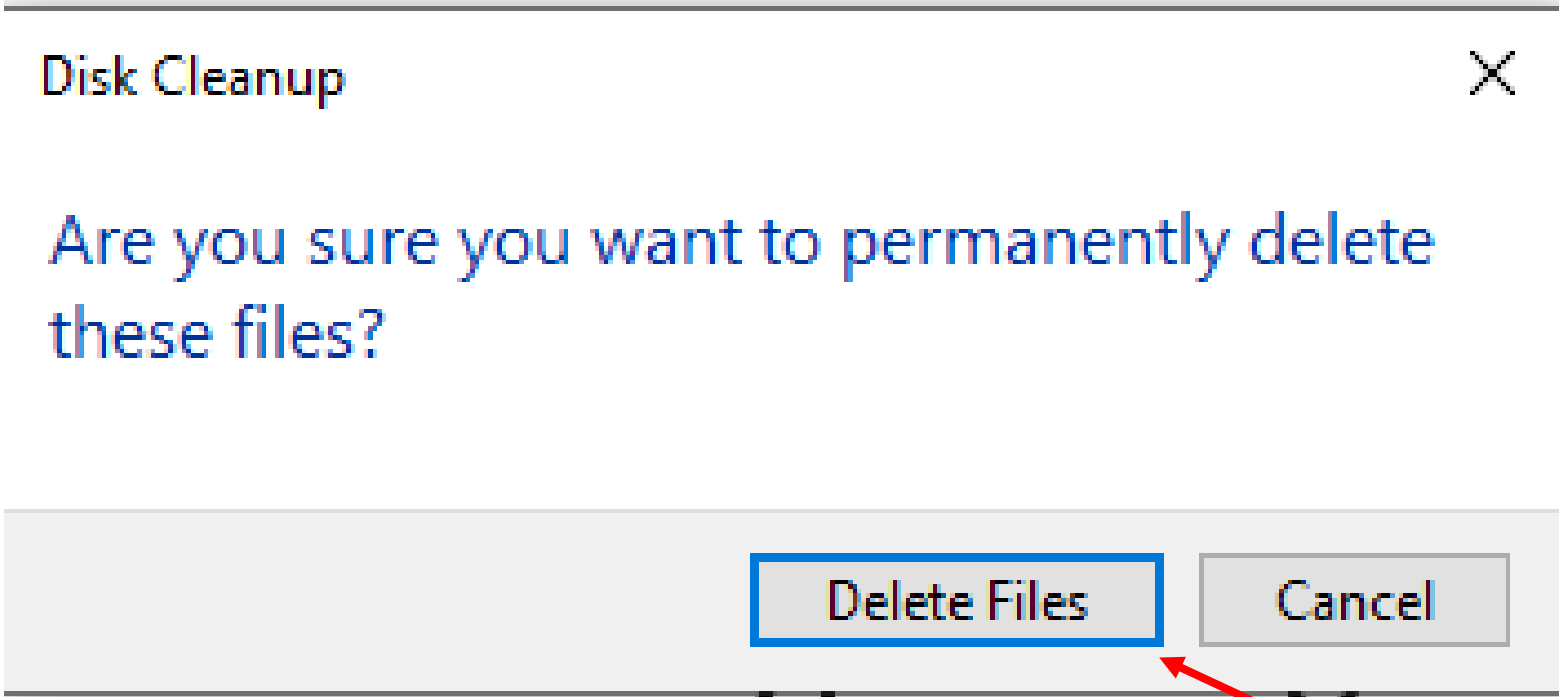
Click **OK** to start the cleanup.

# Disk Cleanup in Progress

When it disappears the program is done.



This Process may take a lot of time depending on how many files need to be cleaned.



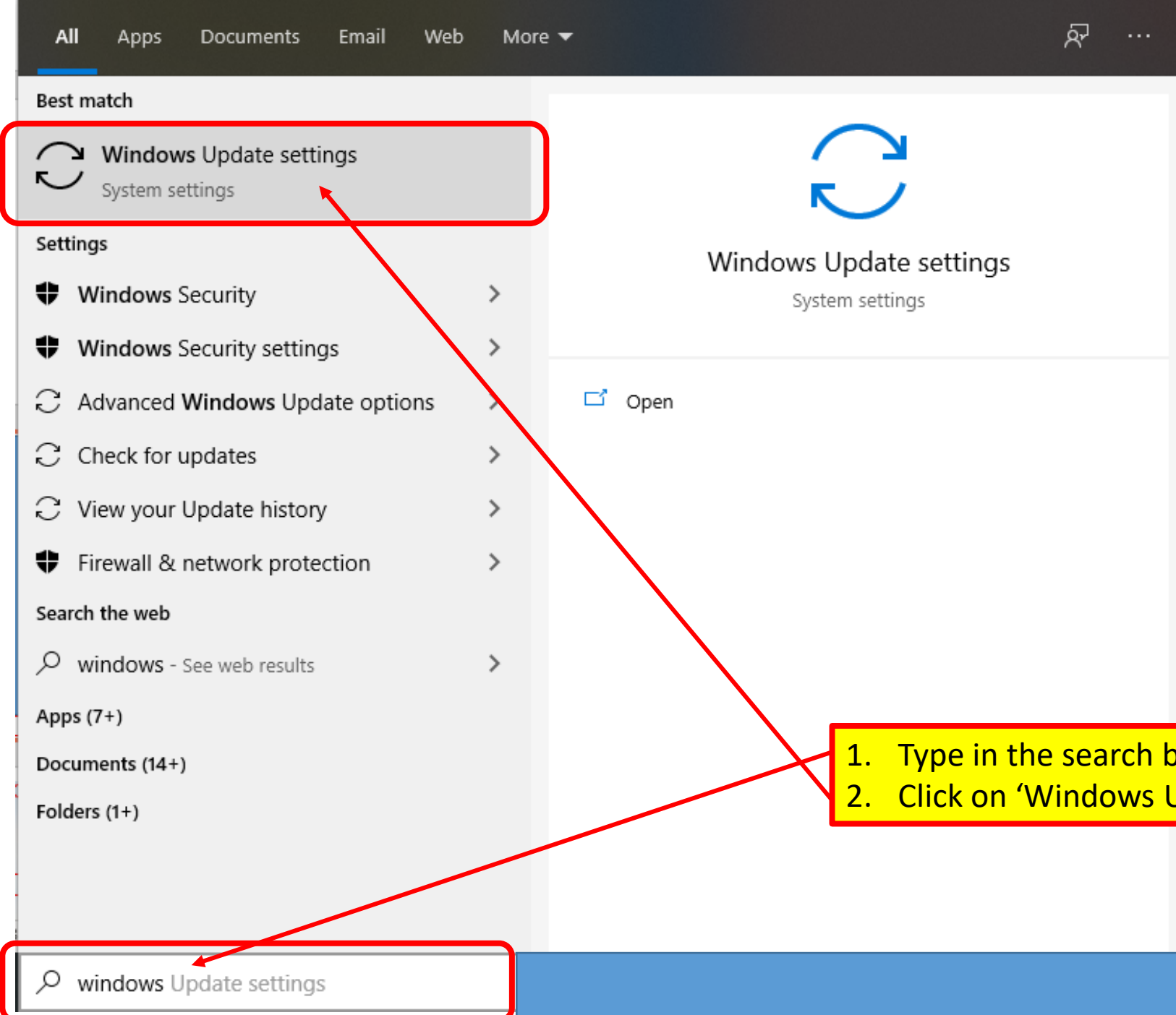
**Disk Cleanup**  
Windows 10  
**System Files**

Disk Cleanup Results  
399 to 402 Free

Click on Delete Files

# Patch & update all OS software: (Operating System)

- Make sure all OS software patches/ updates are installed.
- Patches are sent out more often than OS Updates.
  - Called Patch Tuesday.
  - Especially security-related patches!
  - Start by typing in the Search Bar 'Windows Update:'
    - Click 'Windows Update settings' in the pop-up menu.
    - Click 'Check for updates'.
    - Review the list of patches/ Updates Microsoft wants installed.



# OS Software Patches and Updates Windows 10

1. Type in the search bar – 'Windows Update'
2. Click on 'Windows Update settings.'

Settings

Home

Find a setting

Update & Security

Windows Update

Delivery Optimization

Windows Security

Backup

Troubleshoot

Recovery

Activation

## Windows Update



You're up to date

Last checked: Yesterday, 12:30 PM

Check for updates



Pause updates for 7 days

Visit Advanced options to change the pause period



Change active hours

Currently 8:00 AM to 5:00 PM



View update history

See updates installed on your device



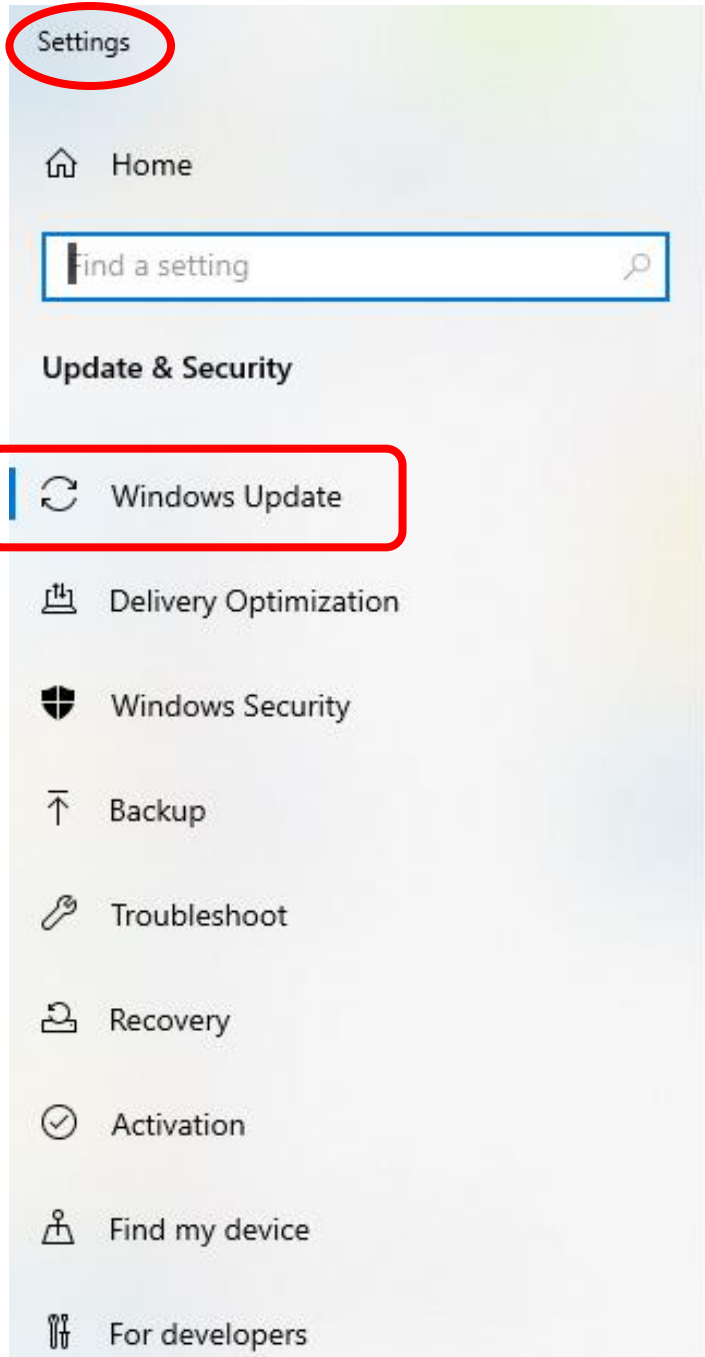
Advanced options

Additional update controls and settings

**Checking for Updates  
Windows 10**

**This message  
will change.**

**When on this settings page, Microsoft  
checks the PC for all Updates.  
Must be connected to the internet.**

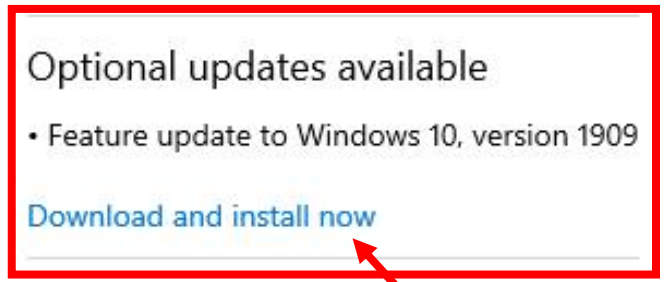


# Checking for Updates Windows 10

Settings > Update and Security  
> Windows Update



Another view:  
prior to  
Download and  
install of version  
1909



Click this hyperlink and it will download & install

- Pause updates for 7 days  
Visit Advanced options to change the pause period
- Change active hours  
Currently 8:00 AM to 5:00 PM
- View update history  
See updates installed on your device
- Advanced options  
Additional update controls and settings



# Patch & update 'all' software

- Check other software and Apps on the PC.
- Most apps can check for updates manually.
  - via menu bar options such as:
    - Help, Help/About, or Help/Update.
- A Software Tool that works:
  - Patch my PC Updater
    - <https://patchmypc.com/home-updater-download>
    - Bit.ly - <http://bit.ly/2wzHrg9>

# Software Updaters

- A program installed on the PC to keep all *other* software updated to **latest versions**.
- It will first:
  - automatically identify all the software.
  - Then determine if an update is available.
  - Then, point to the newer download site.
  - Or do the downloading and updating.

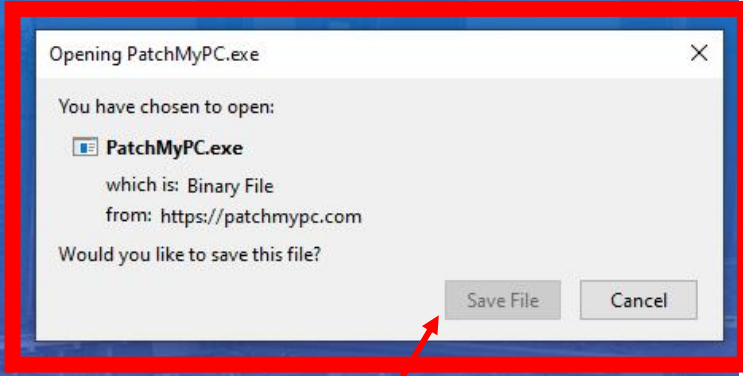


Web page of "Patch my PC"

# Simplify third-party patching on your PC.

## Free Patch Management

Download Documentation



1. Click here.  
2. Save the file.

Requires Internet Access.

Best Free Software Updaters : <http://bit.ly/2wE1KZL>

### Patch My PC Home Updater Download

Thanks for using Patch My PC Updater! Click the button below to download the latest version.

Download Patch My PC Home Updater 4.1.0.4

### More Info and Quick Start Guide

Patch My PC Home Updater is a free, easy-to-use, portable program that keeps over 300 common third-party applications up-to-date on your PC. Let us take the tedious work out of installing and keeping your apps up-to-date to and stay more secure!

Patch My PC Updater Intro from Patch My PC

WE'LL

- Quality Support**  
We provide free quality support to our users on our [support forum](#).
- Stay Secure**  
Hackers target vulnerabilities in outdated software to compromise your PC.
- Save Time**  
Save time by automating the installation and updating of over 300 applications!.
- IT Pro Options**  
Plenty of options for IT Pro's to make their day to day jobs easier.
- Portable**



No Apps to Install



7 of 7 Apps Up To Date!

Search From 300 Apps...



### Plugins & Runtimes

- Adblock Plus for IE 1.6 (x64)
- Adobe Air 32.0.0.125
- Adobe Flash AX 32.0.0.330
- Adobe Flash NPAPI 32.0.0.330
- Adobe Flash PPAPI 32.0.0.330
- Adobe Shockwave 12.3.5.205
- Java 8 Update 241 (x64)
- Java 8 Update 241 (x86)
- Java 10.0.2 (x64)
- Microsoft .NET Framework 4.8.0
- Microsoft Silverlight 5.1.50918.0



### Browsers

- Brave 80.1.3.118 (x64)
- Google Chrome 80.0.3987.116
- Maxthon 5.3.8.2000

.NET Framework 4.8.03752

FileZilla Client 3.46.3

Microsoft OneDrive - 19.232.1124.0005

Microsoft Visual C++ 2012 Redistributable (x64) - 11.0.61030

Microsoft Visual C++ 2012 Redistributable (x86) - 11.0.61030

Mozilla Firefox 73.0.1 (x64 en-US)

Revo Uninstaller 2.1.1

Color [Green] = Latest Version Installed

Color [Red] = Outdated Version Installed

Color [Black] = Not Currently Installed

**Patch My PC Updater** display  
after running on my laptop.

# Uninstall Apps/ Program not required

- Look for programs/ Apps not used.
  - Uninstall ones that no longer serve any useful purpose.
- Program/ App; Question:
  - What is it?
  - Can it be uninstalled?
- Google It: (DuckDuckgo it)
  - a) open browser,
  - b) type in search bar for search engine to find 'What is it'.
- Examples: (type in the search bar)
  - Bonjour software Review
  - Bonjour software window 10 uninstall.

# Uninstall a Program/App Windows 10

1. Select Start > Settings > Apps > Apps & features.
2. Select Individual Apps to:
  - A. Modify, Move, Uninstall, etc.

The screenshot shows the Windows 10 Settings application. The 'Settings' title bar is at the top. Below it, the 'Home' icon and a search bar are visible. The 'Apps' category is selected in the left sidebar, and 'Apps & features' is highlighted. The main content area shows the 'Apps & features' settings page. A search bar and sorting options are present. The '3D Builder' app is selected, and its 'Uninstall' button is highlighted. A red arrow points from the 'Uninstall' button to the text in the instructions.

App Name	Developer	Size	Installation Date
3D Builder	Microsoft Corporation	45.7 KB	4/10/2018
Adobe Flash Player 32 NPAPI		5.91 MB	12/10/2019
Alarms & Clock	Microsoft Corporation	24.8 KB	6/11/2018
Amazon	Amazon.com	9.71 MB	7/3/2018
Amazon Kindle		38	1/29/2019

# Revo-uninstaller

## Google: Revouninstaller Free

- Launching Revo fires up the Uninstaller screen:
  - which shows icons and titles of all programs installed on PC.
- **Revo is a 4 Step Process**
  1. Set restore Point.
  2. Run Uninstall.
  3. Search for left over Registry Items.
  4. Search for left over Files on Hard Drive.

**NOTE:** 1. Do not **leave** the Revo program.

- a. Some uninstall programs kick out to Internet.
2. Restart PC after three (3) uninstalls.

# Revo Uninstaller Free

Revo Uninstaller 2.0.5



Search by: Name

Application	Size	Version	Type	Install Date	Company
Adobe Flash Player 32 NPAPI	5.88 MB				
Apple Application Support (32-bit)	132.35 MB				
Apple Application Support (64-bit)	151.24 MB				
Apple Software Update	4.04 MB				
Belarc Advisor 8.5c	5.25 MB				
Bonjour	3.29 MB				
CryptoPrevent	39.69 MB				
CyberLink Media Suite Essentials	131.42 MB				
Dell Customer Connect	9.76 MB				
Dell Digital Delivery	5.09 MB				
Dell Help & Support	58.52 MB				
Dell Product Registration	31.32 MB				
Dell SupportAssist	197 MB				
Dell SupportAssistAgent	40.10 MB				

- 4 Step process.**
1. Set a Restore point.
  2. Perform Uninstall.
  3. Delete All leftover files.
  4. Delete all leftover Registry Entries.

**Step 2 - Stay with Revo – X out of internet**

Uninstalling Dell Help & Support

Performing the initial analysis and u

Creating System Restore Point - done!

Analyzing and starting the program's built-in uninstaller for the default uninstall

After the program's uninstaller has finished, press the "Scan" button to start scanning for leftover files, folders and registry items.

Scanning modes

Safe  Moderate  Advanced

Scan Cancel



<https://www.revouninstaller.com/revo-uninstaller-free-download/#>

<http://bit.ly/2TcvODm>

# Remove unwanted programs and traces easily

## Revo Uninstaller FREEWARE

FREE DOWNLOAD

PORTABLE

- ✓ Scanning for leftovers after the standard uninstall
- ✓ 8 Additional cleaning tools included
- ✓ Free Professional Technical Support
- ✓ Uninstall Windows Apps

## Revo Uninstaller PRO

\$24,95

FREE TRIAL 

BUY NOW

- ✓ Scanning for leftovers after the standard uninstall
- ✓ 8 Additional cleaning tools included
- ✓ Free Professional Technical Support
- ✓ Uninstall Windows Apps
- ✓ Remove Registry Entries
- ✓ Scan for Leftovers

Get Revo uninstaller Free from 'ninite.com'

## Revo Uninstaller PRO PORTABLE \*

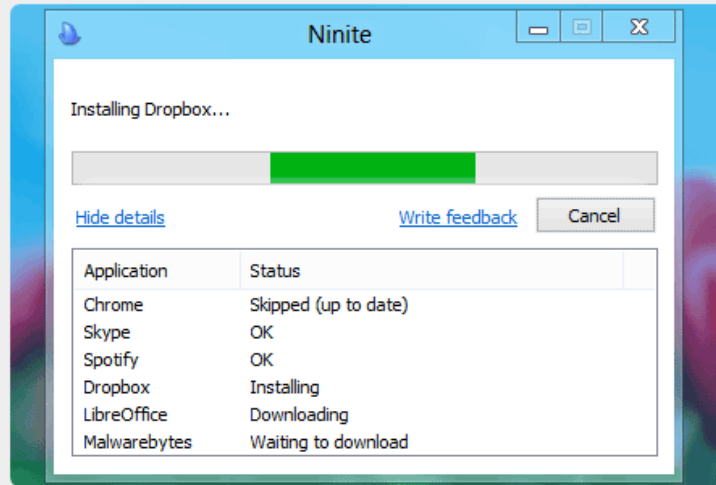
\$29,95

BUY NOW

- ✓ Scanning for leftovers after the standard uninstall
- ✓ 8 Additional cleaning tools included
- ✓ Free Professional Technical Support
- ✓ Uninstall Windows Apps

## Install and Update All Your Programs at Once

No toolbars. No clicking next. Just pick your apps and go.



<https://www.Ninite.com>

## Always Up-to-date

You don't have to watch for updates. Our bots do that. Here's what's new:

NVDA updated to 2018.4.1.  
2 hours ago

Everything updated to 1.4.1.928.  
Friday at 3:21 pm

Evernote updated to 6.17.4.8270.  
Friday at 2:22 pm

VLC updated to 3.0.6.  
Thursday at 8:44 pm

Firefox updated to 64.0.2.  
Wednesday at 9:39 pm

[more news](#)

## Trusted by Millions

We install and update about a million apps each day for our home users and Ninite Pro subscribers.

The [press](#) likes us too:

"I'll bet the service saved me a couple hours"

**PCWorld**

"Ninite.com frees up your day"

**The Christian Science Monitor**

"This post can be fairly short because Ninite works exactly as advertised."

**Lifehacker**

Free Downloads from a secure site

1. Pick the apps you want

### Web Browsers

- Chrome
- Opera
- Firefox

### Utilities

- TeamViewer 14
- ImgBurn
- RealVNC
- TeraCopy
- CDBurnerXP
- Revo

### Messaging

- Discord
- Skype
- Pidgin
- Thunderbird
- Trillian

### Developer Tools

- Python
- FileZilla
- Notepad++
- JDK x64 11

### Media

- iTunes
- VLC
- AIMP
- foobar2000
- Winamp
- MusicBee
- Audacity
- K-Lite Codecs
- GOM
- Spotify
- CCCP

### Runtimes

- Java 8
- .NET 4.7.2
- Silverlight
- Air
- Shockwave

### Imaging

- Krita
- Blender
- Paint.NET
- GIMP
- IrfanView
- XnView
- Inkscape
- FastStone
- Greenshot
- ShareX

### Documents

- Foxit Reader
- LibreOffice
- SumatraPDF
- CutePDF
- PDFCreator
- OpenOffice

### Security

- Essentials
- Malwarebytes
- Avast
- AVG
- Spybot 2
- Avira
- SUPERAntiSpyware

### File Sharing

- qBittorrent

### Other

- Evernote
- Google Earth
- Steam
- KeePass
- Everything
- NV Access

## 2. Download and run your custom installer/updater

Please check off the apps you want above.

Get Your Ninite

Ninite works on Windows 10, 8.x, 7, and equivalent Server versions.

Click to run download & install

<https://www.Ninite.com>

### Ninite will

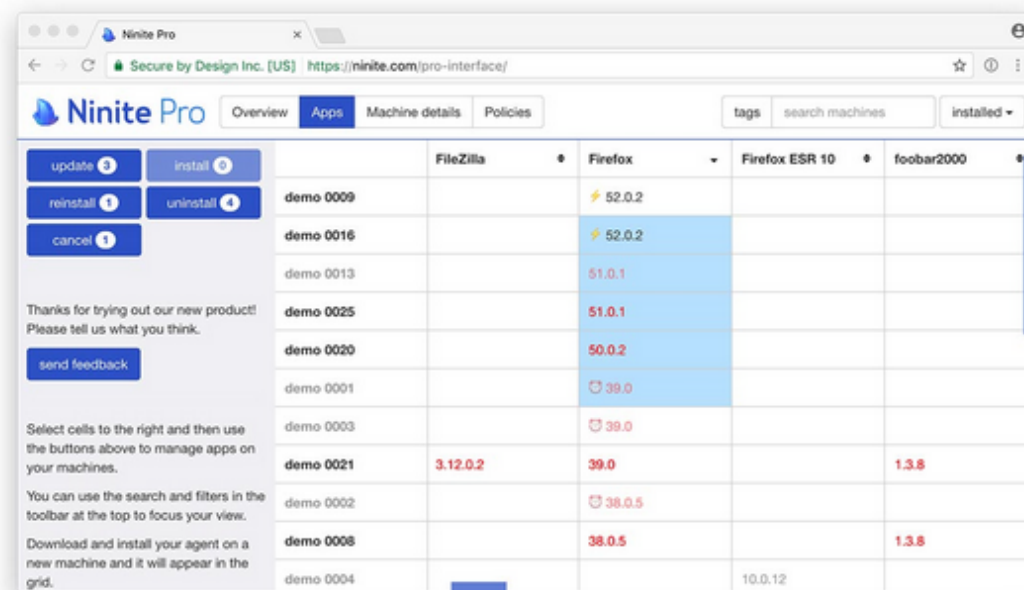
- start working as soon as you run it
- not bother you with any choices or options
- install apps in their default location
- say no to toolbars or extra junk
- install 64-bit apps on 64-bit machines
- install apps in your PC's language [or one you choose](#)
- do all its work in the background
- install the latest stable version of an app
- skip up-to-date apps
- skip any reboot requests from installers
- use your proxy settings from Internet Explorer
- download apps from each publisher's official site
- verify digital signatures or hashes before running anything
- work best if you turn off any web filters or firewalls
- save you a lot of time!

### Suggest an app

We only add popular user-requested apps to Ninite.

[Show suggestion form](#)

### Manage all your machines on the web with Ninite Pro



The screenshot shows the Ninite Pro web interface. On the left, there are buttons for 'update', 'install', 'reinstall', 'uninstall', and 'cancel'. Below these is a feedback form with a 'send feedback' button. The main area is a table with columns for machine IDs and various software versions. The table is as follows:

Machine ID	FileZilla	Firefox	Firefox ESR 10	foobar2000
demo 0009		52.0.2		
demo 0016		52.0.2		
demo 0013		51.0.1		
demo 0025		51.0.1		
demo 0020		50.0.2		
demo 0001		39.0		
demo 0003		39.0		
demo 0021	3.12.0.2	39.0		1.3.8
demo 0002		38.0.5		
demo 0008		38.0.5		1.3.8
demo 0004			10.0.12	


Ninite Pro has a new web interface. [Click here to learn more.](#)

Our website is free for home use (money-wise, but also free of ads and junkware) because Pro users keep Ninite running.

Thousands of organizations use [Ninite Pro](#) to patch and secure software including

# Clean Up the Startup Folder

## A Start Up Folder Exists on every Windows 10 PC.

- Boot-up (Turn ON)  to the Startup Folder.
  - a list of applications or programs that run automatically whenever the computer boots up
- Apps and programs are by designed, to:
  - Automatically insert into startup sequence.
  - So the application is **ready instantly.**
- **This action:**
  - Drains system resources
  - Slows down an App.
    - RAM is filled up with start up Apps. (Random Access Memory)
- Common Problem
  - a PC takes longer to start up from **Off** mode.

# Start Up Folder

## Windows 10

### from Settings

1. Select Start > Settings > Apps > Startup.

Restart PC to activate Changes

What is this App? DuckDuckgo It.  
(Example: Cyberlink Media Player startup)

A list of all the Apps on the PC.

The screenshot shows the Windows 10 Settings application. The 'Settings' title bar is at the top. Below it, the 'Home' section contains a search bar labeled 'Find a setting'. The left-hand navigation pane is visible, with 'Apps' selected and 'Startup' highlighted. The main content area is titled 'Startup' and 'Startup Apps'. It includes a note: 'Apps can be configured to start when you log in. In most cases apps will start minimized or may only start a background task.' Below this, there is a 'Sort by: Name' dropdown menu. A list of 11 applications is shown, each with an icon, name, publisher, a toggle switch, and an impact level. The applications are: AirServer (App Dynamic ehf., Off, No impact), Alexa (AMZN Mobile LLC., Off, No impact), CyberLink Media Player with Power2Go (CyberLink Corp., Off, No impact), another instance of CyberLink Media Player with Power2Go (CyberLink Corp., Off, No impact), Delayed launcher (Intel Corporation, Off, No impact), Dell Mobile Connect Startup (Screenovate Technologies, Off, No impact), Dell Mobile Connect Welcome (Screenovate Technologies Ltd., Off, No impact), EPSON Status Monitor 3 (SEIKO EPSON CORPORATION, Off, No impact), and Intel Driver & Support Assistant Tray (Intel, On, Medium impact). A red vertical line is drawn on the right side of the app list, and two red arrows point from the 'What is this App?' callout to the 'CyberLink Media Player with Power2Go' entries.

App Name	Publisher	Status	Impact
AirServer	App Dynamic ehf.	Off	No impact
Alexa	AMZN Mobile LLC.	Off	No impact
CyberLink Media Player with Power2Go	CyberLink Corp.	Off	No impact
CyberLink Media Player with Power2Go	CyberLink Corp.	Off	No impact
Delayed launcher	Intel Corporation	Off	No impact
Dell Mobile Connect Startup	Screenovate Technologies	Off	No impact
Dell Mobile Connect Welcome	Screenovate Technologies Ltd.	Off	No impact
EPSON Status Monitor 3	SEIKO EPSON CORPORATION	Off	No impact
Intel Driver & Support Assistant Tray	Intel	On	Medium impact

Task Manager

File Options View

Processes Performance App history **Startup** Users Details Services

Last BIOS time: 6.8 seconds

Name	Publisher	Status	Startup impact
Delayed launcher	Intel Corporation	Disabled	None
Dell System Detect	Dell	Disabled	None
Dropbox	Dropbox, Inc.	Disabled	None
EEventManager Application	SEIKO EPSON CORPOR...	Disabled	None
EPSON Status Monitor 3	SEIKO EPSON CORPOR...	Disabled	None
Fax Reception	SEIKO EPSON CORPOR...	Disabled	None
Fax Transmission	SEIKO EPSON CORPOR...	Disabled	None
Google Update Core	Google LLC	Disabled	None
HD Audio Background Proc...	Realtek Semiconductor	Disabled	None
HD Audio Background Proc...	Realtek Semiconductor	Enabled	Low
iCloud Drive	Apple Inc.	Disabled	None
iCloud Photo Library	Apple Inc.	Disabled	High
iCloud Photo Stream	Apple Inc.	Disabled	None
iCloud Services	Apple Inc.	Disabled	None

↑ Fewer details

Disable

# Startup Folder

Windows 10

From the Task Manager

1. Right Click the Task Bar.
2. Click 'Task Manager'.
3. Click 'Startup' tab.
4. Select an App to disable.
5. Click Disable.
6. **Restart the PC.**

**NOTE:** Not all programs can be Disabled.

# What is a Malware Cycle

1. Hacker makes a Malware program - puts it on the Internet.
2. Antivirus company discovers malware - makes a fix.
3. PC gets an update to the antivirus software.
4. Update is installed on device.

What is the time lapse between steps 1 and 4.?

**No Anti-virus is 100% effective.**

# Free Anti-virus with Microsoft

- **Win 10 - Anti-Virus is called “Windows Defender”**
  - Includes seven security tools that will protect a PC from malware threats.
- **Keep Antivirus Updated.**

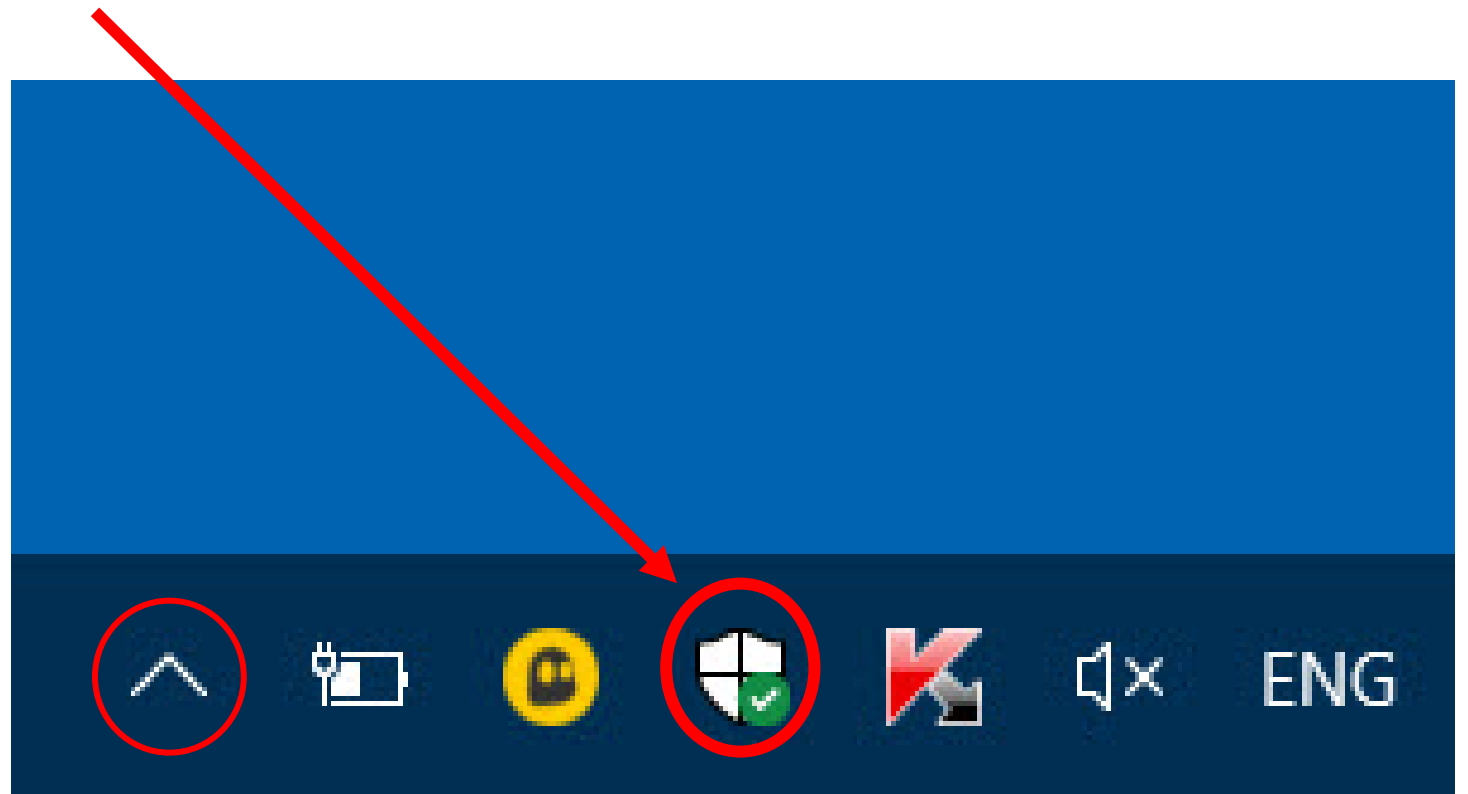


# WINDOWS DEFENDER ANTIVIRUS

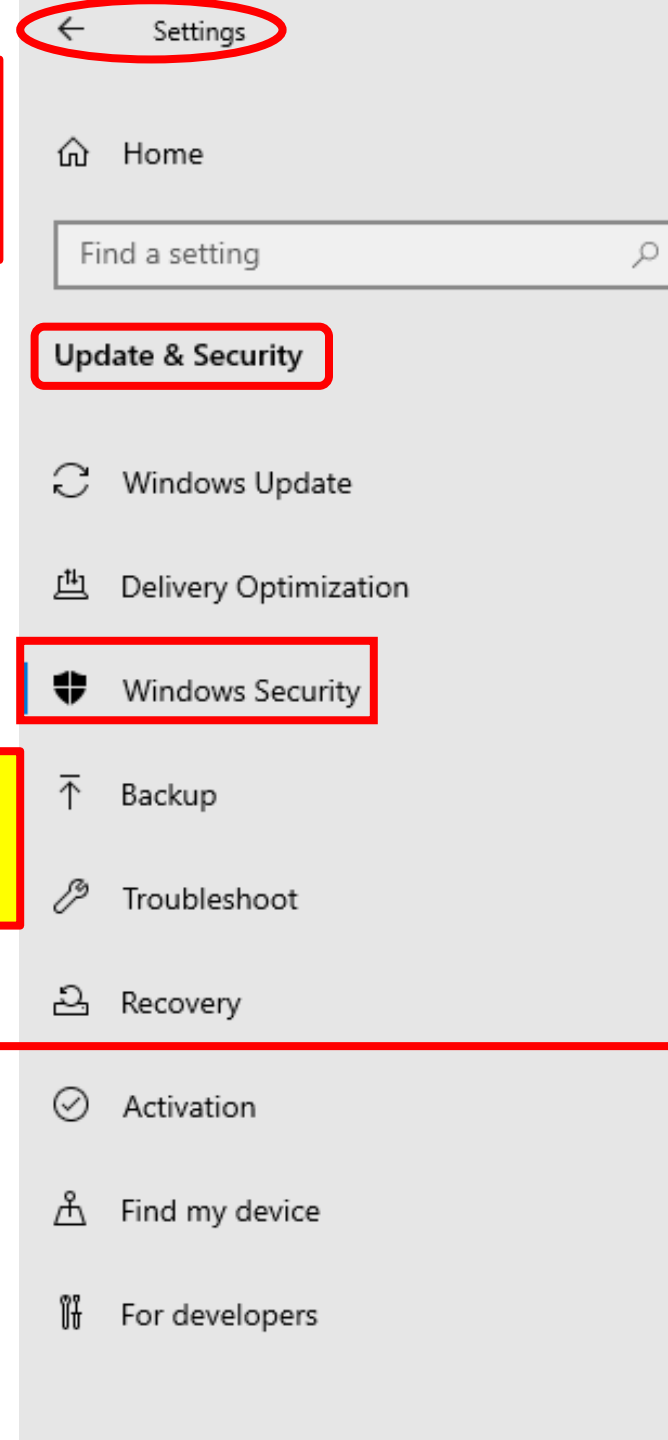
- Free
- Nothing to install
- Complete, built-in and ongoing protection.
- Standard, nothing to buy.
- No configuration, no subscriptions, and no nagware.
- Uses few system resources
- All other Antivirus programs & apps must be **uninstalled.**
  - Windows Defender Activates Automatically.

# Windows Defender

- Provides real-time protection for home PC's.
- The PC is secure - when green, good.
  - runs in the background;
  - without interruptions.
- Uninstall All Other Antivirus Programs.



# Set Up Security on PC










## Windows Security

Windows Security is your home to view and manage the security and health of your device.

Open Windows Security

**Open This.**

### Protection areas

-  Virus & threat protection  
No actions needed.
-  Account protection  
No actions needed.
-  Firewall & network protection  
No actions needed.
-  App & browser control  
No actions needed.
-  Device security  
No actions needed.
-  Device performance & health  
Reports on the health of your device.
-  Family options  
Manage how your family uses their devices.

Settings > Update and Security > Windows Security.

Seven Areas of protection

# Set Up Security on PC

## 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  
No action needed.



Device security  
View status and manage hardware security features



Device performance & health  
No action needed.



Family options  
Manage how your family uses their devices.

Select Each category of Windows Security and ensure they are setup for max protection

- ←
- ☰
- Home
- Virus & threat protection**
- Account protection
- Firewall & network protection
- App & browser control
- Device security
- Device performance & health
- Family options

## Virus & threat protection

Protection for your device against threats.

**Current threats**

No current threats.  
 Last scan: 2/1/2020 12:18 PM (quick scan)  
 0 threats found.  
 Scan lasted 49 seconds  
 36095 files scanned.

Quick scan

- Scan options
- Allowed threats
- Protection history

**Virus & threat protection settings**

No action needed.

Manage settings

**Virus & threat protection updates**

Security intelligence is up to date.  
 Last update: 2/2/2020 3:55 PM

Check for updates

**Ransomware protection**

No action needed.

Manage ransomware protection

**Set Up Security on PC**

Example of making Security Settings Windows 10

No Action Required is Microsoft's opinion

Manage Settings is smart for best protection

# **Windows creates restore points: Automatically (3 conditions)**

- When Windows Update installs new updates.
  - The Update just done can be undone. (Time Limit)
- When the user installs a driver that is not digitally signed by Windows Hardware Quality Labs.
- On user's command.
  - Set a restore point because of making a change to the PC.

# Setting a restore Point

- Set a **System Restore** point – when PC is Healthy – Know How.
  - a. Can be used to recover from system malfunctions or other problems.

**Note:** that ‘System Restore’ will **NOT** delete files such as:

- Photos
- Documents.
- System Restore is **not a good solution** for removing viruses or other malware.
- **Go TO How to Geek website:** (Step by step and pictures)  
<http://www.howtogeek.com/howto/windows-vista/using-windows-vista-system-restore/> (How to Use System Restore in Windows 7, 8, and 10)

# To set a Restore Point

## Windows 10■

- Windows 10 – [www.Windowscentral.com](http://www.Windowscentral.com)

- A great web sight for Windows 10 information.

<http://www.windowscentral.com/how-configure-system-restore-windows-10>

- How to Geek – <https://www.howtogeek.com/>

- Another great web site for plain language explanations.

- Groovy Post – <https://www.groovypost.com/>

- Another great web site for plain language explanations.



# Tips to free up Hard drive space

## Windows 10 Review

Windows is a pack rat.

- **Disk Cleanup** – type in the Search bar – Disk Cleanup
- **Uninstall** apps no longer needed – Control Panel >Program and Features
- **Archive or delete** - files no longer using.
- **Move** - files to a removable drive.
  - Western Digital external hard drive
  - Amazon \$50 - \$150

# Modem Router Setup

Extra Helpful Information.

- Call the ISP
  - Name the Network, set a Passphrase.
  - Find On the internet. Search Engine : "change my SSID comcast"
  - Example: **Jerenet** is my SSID (Service Set Identifier)
  - My password is: Iwillnottellyou
- Why do this?
  - The factory SSID will identify the type of router.
    - Hackers knowledge (clear3475horizon = comcast router)
  - Family /Friends visit and want Internet Access.
    - SSID and Password easily remembered.
    - Easily identify the wireless network .

# A spill on the Device

## Extra Helpful Information.

- **Do Not Shake It.**
- Power **OFF** the device immediately.
  - Unplug the power cable and remove the battery, if possible.
- Turn It Upside Down and Let It Drain.(Laptop)
- Remove the SIM card (Phone) and the microSD, USB Flash Drive (PC).
- Put it in a bag of dry rice/ cereal, to absorb the remaining moisture. (Cell Phone)
- Don't wipe the PC, but leave the cloth or napkin to absorb the water. (24 to 48 hours)

# A spill on the Device

## Extra Helpful Information.

- Do not use a Hair Dryer. (All devices)
- Do not use a Fan. (All devices)
- Water and green tea are at the better end of the spectrum.
- Drinks that include a lot of sugar and/or milk are at the bad end.
- Drinks often leave a residue when they dry.
- Try to blot rather than wipe;
  - bearing in mind that cloths and tissues can also leave residues.
- Take the laptop to a reputable service and repair shop;
  - to be disassembled, cleaned, and dried out.

Canon Maxify  
MB 2720/2120  
4 Cartridges

## Keep Your Printer Turned On

By leaving an inkjet printer on, you avoid triggering a maintenance cycle each time you use it. According to our test results, that can yield big savings from your ink costs because many of the printers we evaluated used as much ink to clean the print heads as they did for actual printing.

When we kept the printers on, we saw a noticeable reduction in ink consumption even on some of the most ink-hogging models.

Worried about the cost and environmental impact from the extra energy? Inkjets consume very little power when not in use, so your ink savings should considerably outweigh those concerns.

Extra Helpful Information.



Readers View



# Windows 10 help, tips and tricks

STAFF 31 Mar 2016

Windows 10 is Microsoft's all new operating system for everything. From PCs to phones, Xbox to IoT, Windows 10 is on them all. As with all things new there will be a learning curve. There will be problems, questions, tips and tricks. That's where we come in.

All our Windows 10 help and how-to posts can be found right here. From beginner topics through to the more advanced users, we're here to help everyone who uses Windows 10.

[Read More](#)

Extra Helpful Information.

Without Readers View

## Latest Stories



WINDOWS 10 TIP

### Slow Wi-Fi on Windows 10? It's likely signal issue — Here's how to find out

Mauro Huculak 2 days ago 8

In this guide, we'll show you multiple ways you can use to check the signal strength of your Wi-Fi connection on your tablet, laptop, or desktop running Windows 10.

GET STARTED WITH SKYPE

# Readers View



Readers View Controls

With Readers View

Extra Helpful Information.

[windowscentral.com](https://www.windowscentral.com)

## Windows 10 help, tips and tricks

Staff

5-6 minutes



# Restart vs Shutdown

## Shutdown

- Windows 10 doesn't shut down normally.
  - It hibernates the Operating System,
    - saving its state so it can boot faster.
    - this is done by default
      - already set up in settings.
  - After reboot, these apps will re-open automatically.
- **Restart**
  - Shuts down all Apps and reloads Operating System/ Apps.
    - Can resolve problems or Pop-ups.

Extra Helpful  
Information.





**RESTART THE PC**  
Windows 10

**Restart PC**



**Power Icon**  
Click Here First.



**Extra Helpful**  
**Information.**

# The End or Just the Beginning

- Copy of this Presentation:
- [jminich@apcug.org](mailto:jminich@apcug.org)

