

Sun City Computer Club

Windows SIG

March 9, 2021

**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
- Topic suggestions - please
- SIG attendees are required to be members of the chartered club sponsoring that SIG.
Sun City Community Association By-law
- Sun City WEB site changes
- Apologies for lack of zoom meeting
- Sig leader – anyone?



- Dale Cockle has an eMail list he sends Microsoft Windows tips, news, and information to.

If you would like to join his list





Send your request:

k5jic@tstar.net

- sctxwindows.com

SIG News



DC	Dale Cockle	[Win10] Best AV software for 2021
DC	Dale Cockle	[Win10] Harden Microsoft Edge
DC	Dale Cockle	[Win10] If Your PC Computer Crashes
DC	Dale Cockle	[Win10] Photos App Too Slow - Here's a Fix
DC	Dale Cockle	[Win10] Re: 210116 Windows Tips
DC	Dale Cockle	[Win 10] Eject and Close CD/DVD Drives
DC	Dale Cockle	Fwd: [Win10] Use SFC and DISM to Repair Windows
DC	Dale Cockle	[Win10] Disable Edge's Default Copy/Paste Feature
DC	Dale Cockle	[Win10] How to set up new PC
DC	Dale Cockle	[Win10] Finally fixing Chrome's most annoying issue
DC	Dale Cockle	[Win10] Bug using chkdsk
	Dale Cockle	    [Win10] Autoruns
DC	Dale Cockle	[Win10] Group your taskbar shortcuts
DC	Dale Cockle	[Win10] 'Rare' Windows Key Shortcuts
DC	Dale Cockle	[Win10] File Explorer Tricks
DC	Dale Cockle	[Win10] MS New way to upgrade
DC	Dale Cockle	[Win10] Disable Edge's New Copy and Paste Feature
DC	Dale Cockle	[Win10] Signing Out Instead of Restarting
DC	Dale Cockle	[Win10] Recovery Revisited: New way to perform clean installs
DC	Dale Cockle	[Win10 20H2] Restore Control Panel on Desktop Context Menu
DC	Dale Cockle	[Win10] Taskbar Search
DC	Dale Cockle	[Win10] How to Minimize the File Explorer Ribbon
DC	Dale Cockle	[Win10] Time to restore Copy to & Move to back on your Right-click Menu
DC	Dale Cockle	[Win10] Microsoft kicks off rollout of 20H2
DC	Dale Cockle	[Win 10] [C45] Office web apps in Start menu
DC	Dale Cockle	[Win10] October 2020 Update is Coming Soon
DC	Dale Cockle	[Win10] Accessories: What's in it for you ?
DC	Dale Cockle	[Win10] All About Version Updates
DC	Dale Cockle	[Win10] PC won't start after an update

Windows Update



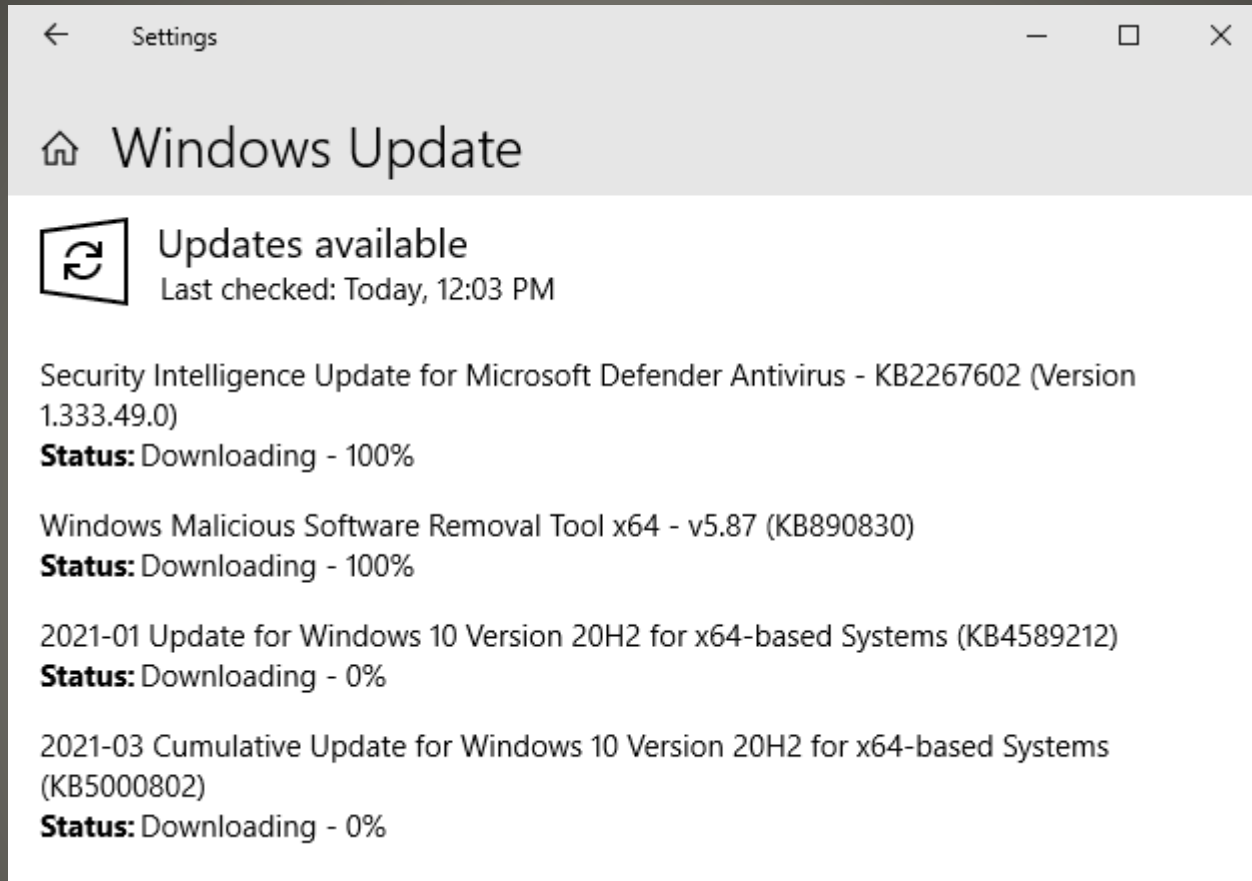
Updates paused

Your device won't be up to date while updates are paused.
Updates will resume on 2/15/2021

Resume updates

Patch Tuesday Schedule B





Microsoft Windows Update

Settings

Home

Find a setting

Update & Security

Windows Update

Delivery Optimization

Windows Security

Windows Update



Restart required

Your device will restart outside of active hours.

2021-01 Update for Windows 10 Version 20H2 for x64-based Systems (KB4589212)

Status: Pending restart

2021-03 Cumulative Update for Windows 10 Version 20H2 for x64-based Systems (KB5000802)

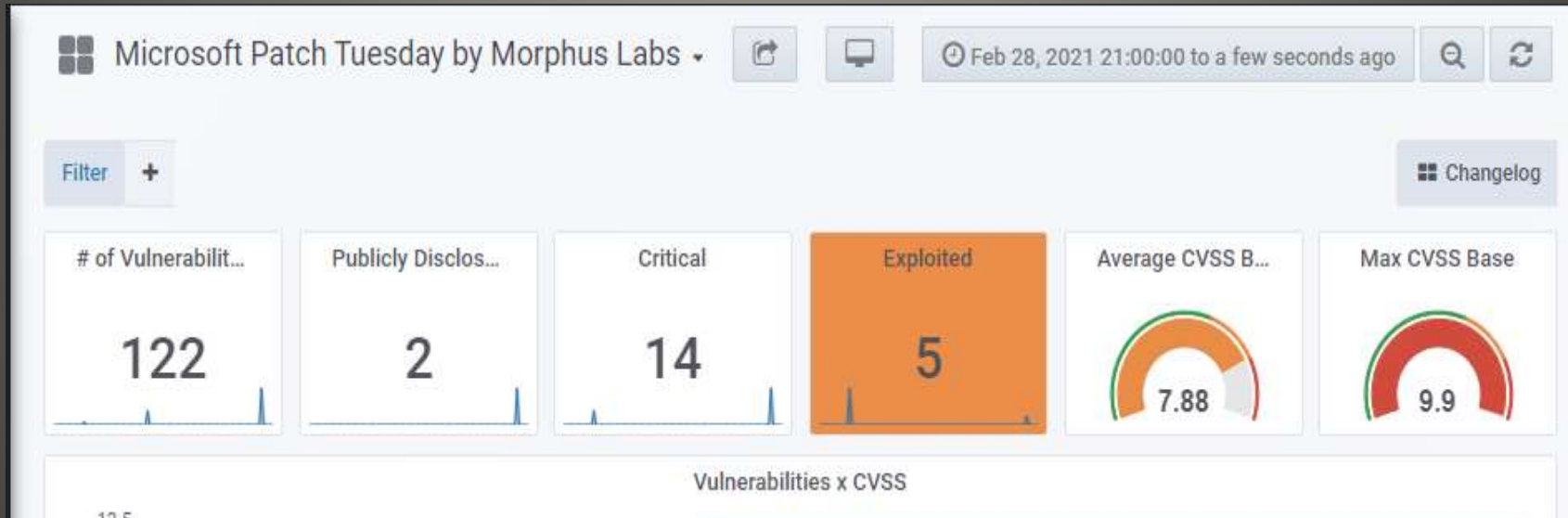
Status: Installing - 74%

Restart now









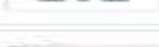



[Schedule the restart](#)

Wait for it

- Then .NET
- <https://patchtuesdaydashboard.com/>
- 122, 14 critical, 5 exploited, 2 previously disclosed



Patch Tuesday Schedule B

	Microsoft Exchange Servers - SERIOUS vulnerabilities currently being Exploited - Published - Mar 7
	MacOS & Silver Sparrow Published - Feb 20
	REALLY SOARING UTILITY BILLS? Published - Feb 19
	I have been hacked, now what? Published - Feb 7
	How Hackers hack/attack Published - Jan 29
	Messaging Applications Published - Jan 28
	Medical devices and iPhone12 and MagSafe Published - Jan 25
	MAJOR Android system Update 9-Jan-2021 Published - Jan 9
	Old MAC Published - Dec 28, 2020
	Adrozek Published - Dec 16, 2020
	Safer Holiday Shopping Published - Dec 6, 2020
	Internet down? Published - Nov 25, 2020

Cyber Security SIG News Archive

Windows Update

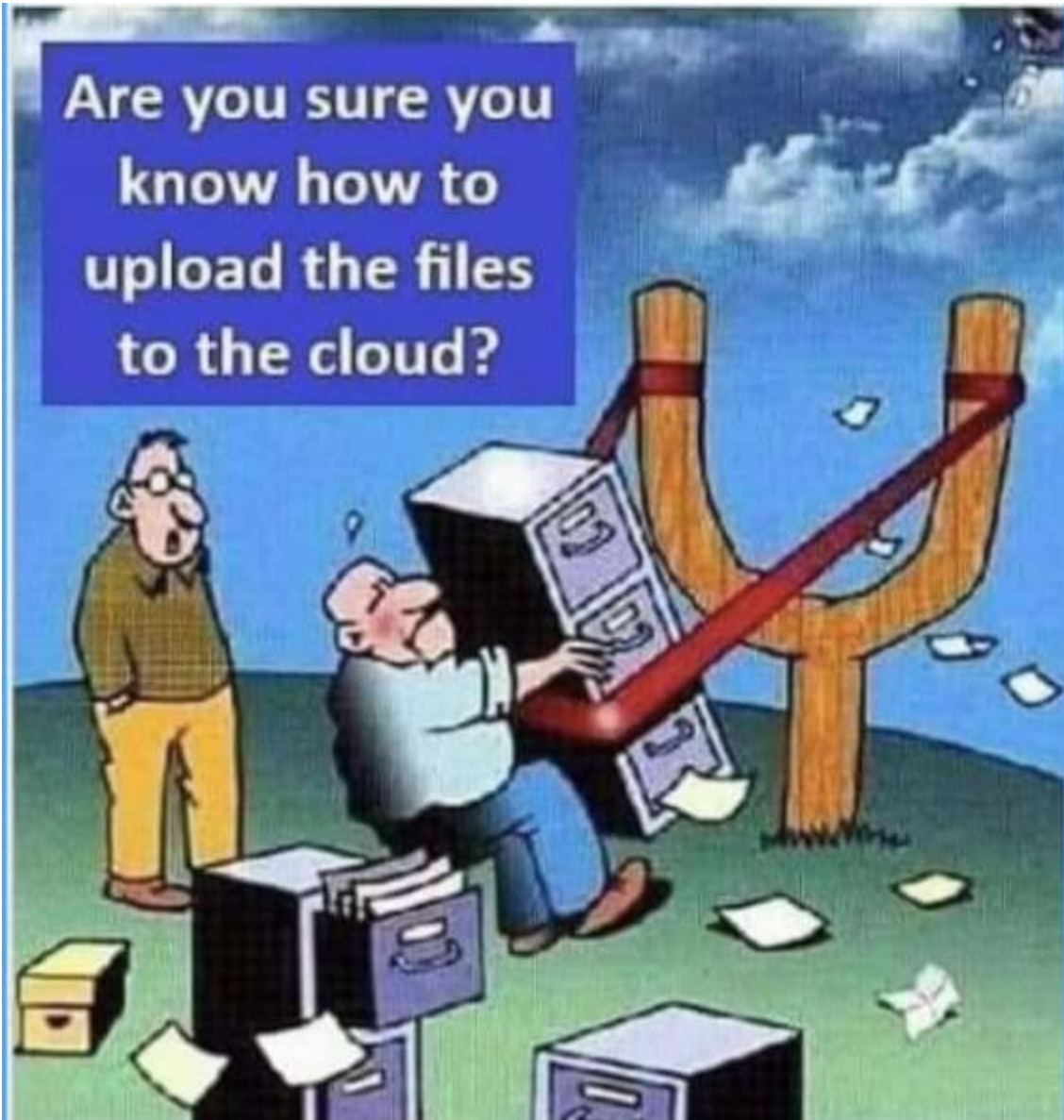


Updates paused

Your device won't be up to date while updates are paused.
Updates will resume on 3/12/2021

To remove potential problem patches

**Are you sure you
know how to
upload the files
to the cloud?**



Back up your files with OneDrive



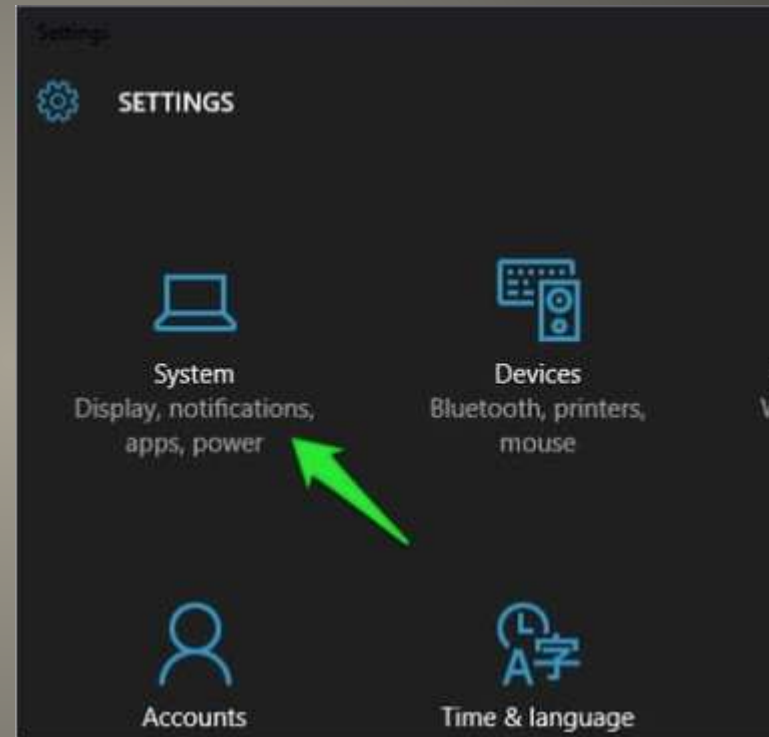
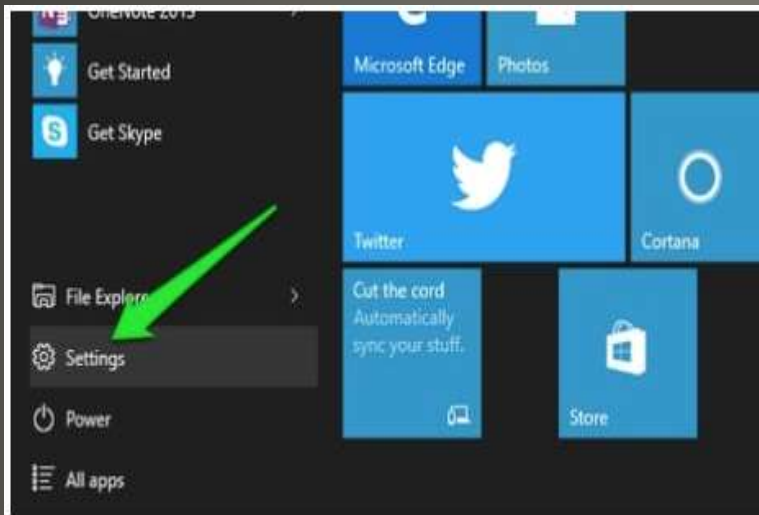
Use your device with peace of mind. Your Desktop, Documents, and Pictures folders on this device will be backed up in your OneDrive, so they're protected and available on any device, anywhere.

[Only save files to this PC](#)

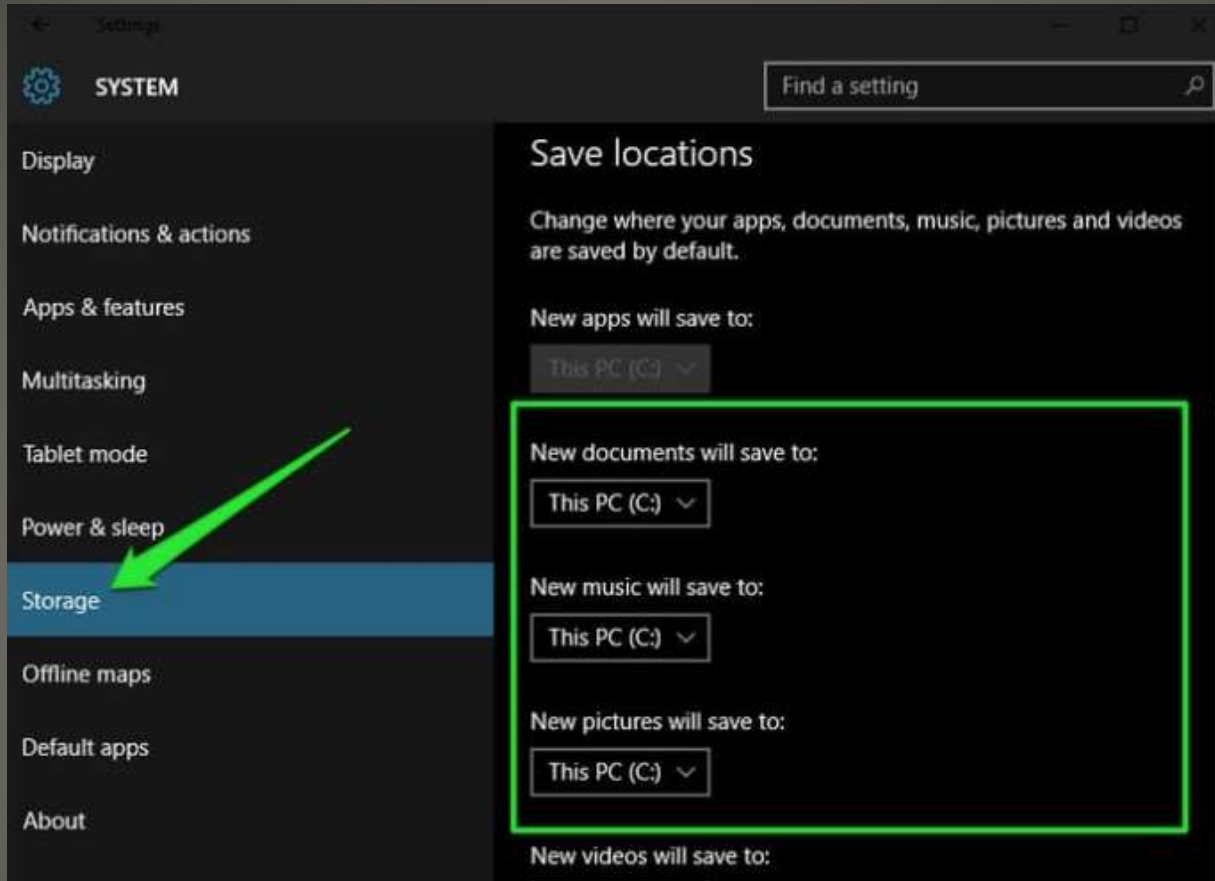
[Privacy & Cookies](#)

[Next](#)

Default at new system setup



Default saved files location





Change where new content is saved

Change where your apps, documents, music, pictures, videos and maps are saved by default.

New apps will save to:



WINDOWS (C:) ▼

New documents will save to:



WINDOWS (C:) ▼

New music will save to:



WINDOWS (C:) ▼

New photos and videos will save to:



WINDOWS (C:) ▼

New movies and TV shows will save to:



WINDOWS (C:) ▼

Change where you store your offline maps



WINDOWS (C:) ▼



[Get help](#)



Home

New

Open

Info

Save

Save As

History

Print

Share

Save As



Recent



OneDrive - Personal



This PC



Add a Place



Browse

Preview

Save to OneDrive

Download

- OneDrive
- iCloud
- Dropbox
- Google Drive
- SkyDrive
- Amazon Drive
- Etc.

Other cloud

Getting better together

We'd like you to share optional diagnostic and usage data. It's how we continue to improve. None of this data includes your name, file contents, or information about apps unrelated to OneDrive & Office. [Learn more](#)



Do you want to send optional data about OneDrive & Office to Microsoft?

- ☐ Send optional data to help improve these apps
- ☒ Don't send optional data

Accept

OneDrive Privacy



Choose privacy settings for your device

Microsoft puts you in control of your privacy. Choose your settings, then select 'Accept' to save them. You can change these settings at any time.

Location

Windows and apps can't use your location to provide things like local weather, directions, and Find My Device.

☐ Off

Diagnostics

At the basic level, you'll be sending Microsoft less data to help fix errors you encounter.

☒ Basic

Relevant Ads

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

☐ Off

Speech recognition

You can't talk to Cortana or apps from the Store.

☐ Off

Tailored experiences with diagnostic data

The tips you get will be more generic and recommendations may be less relevant to you.

☐ Off

Select 'Learn more' for info on the above settings, how Windows Defender SmartScreen works, and the related data transfers and uses.

Learn more

Accept

- Microsoft account
- Useful for sharing
- Visiting Family ?
- Selective sharing
- Cached credentials for power/internet outage
- Workgroup, Homegroup, Domain
- Things you do are Microsoft known
- How else?

Administrator Local Account
Microsoft Account

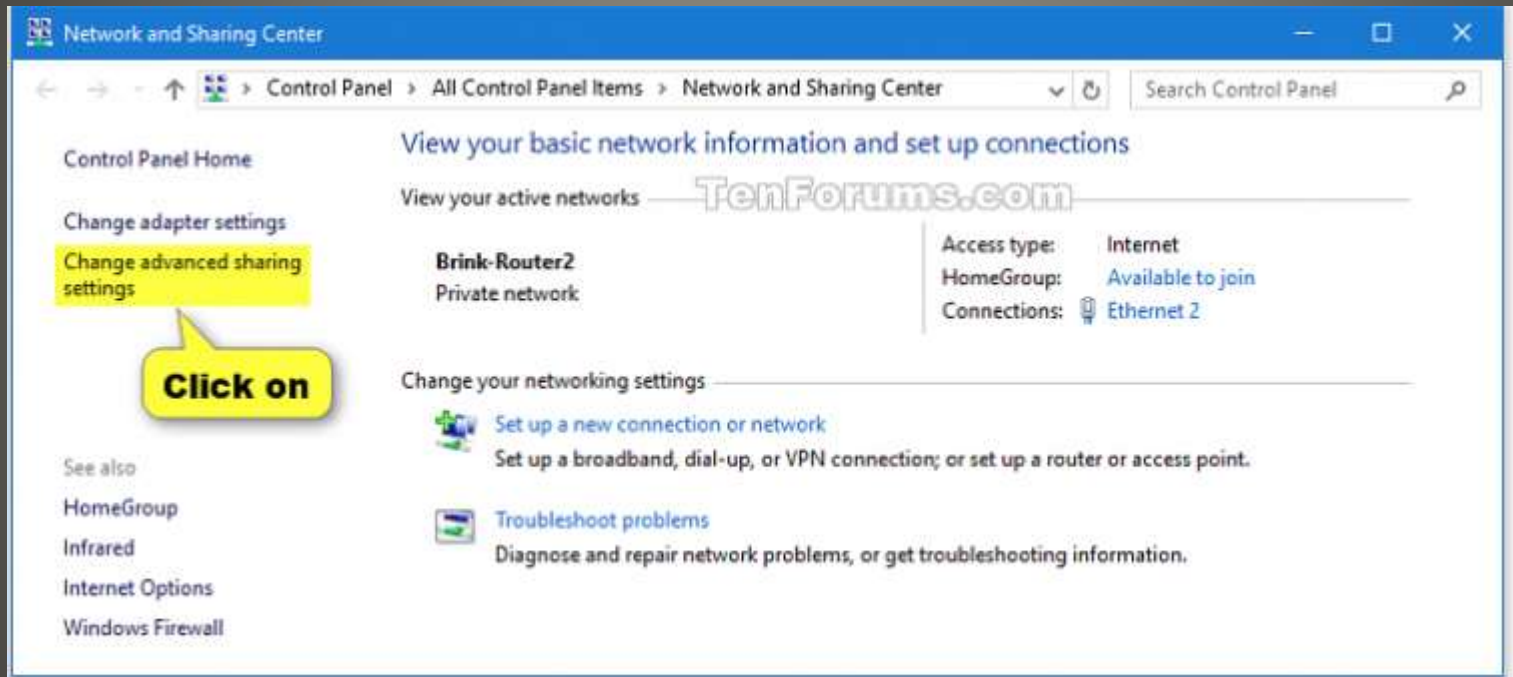
- Full Rights & privileges
- Sought by malware
- Used by malware
- By now, many many things tied to account name
- Create new local account – obscure name
- Promote the new account
- Demote the current administrator account
- <https://scccyber.blogspot.com/search?q=local+account>

Administrator
full rights and privilege

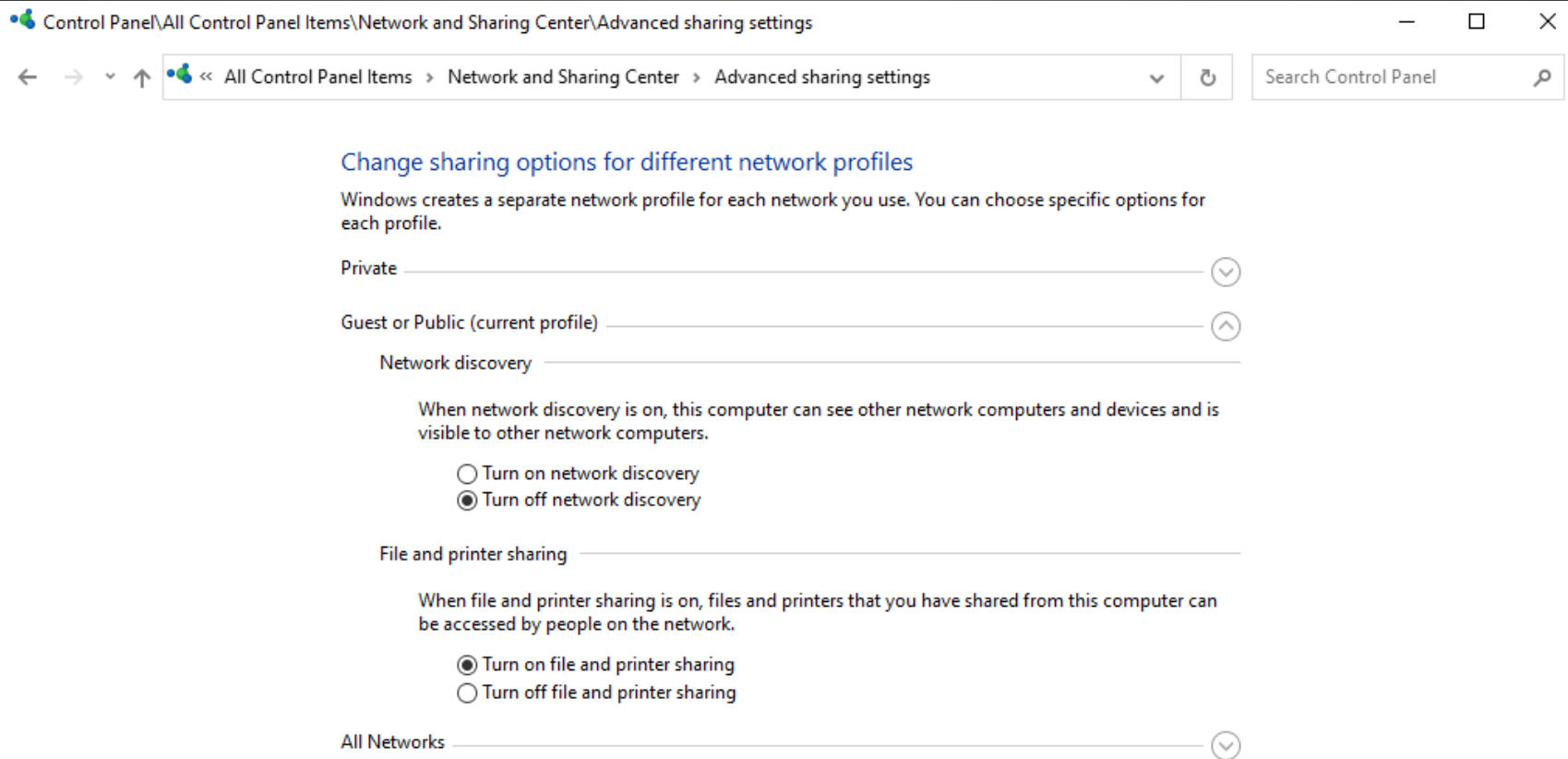
- Start > Settings > Devices > Printers & scanners
- Select printer > Manage
- Properties > Sharing tab
- Optional Change Name

Sharing Printer (really computer)

- Homegroup, Workgroup, Domain
- File and Printer Sharing



File, Folder, Printer sharing



Network and Sharing Control Panel

Settings

HP OfficeJet 4650 series

Manage your device

This device has a few different functions. Pick one to manage settings for that function.

HP OfficeJet 4650 series

Printer status: Idle

Open print queue

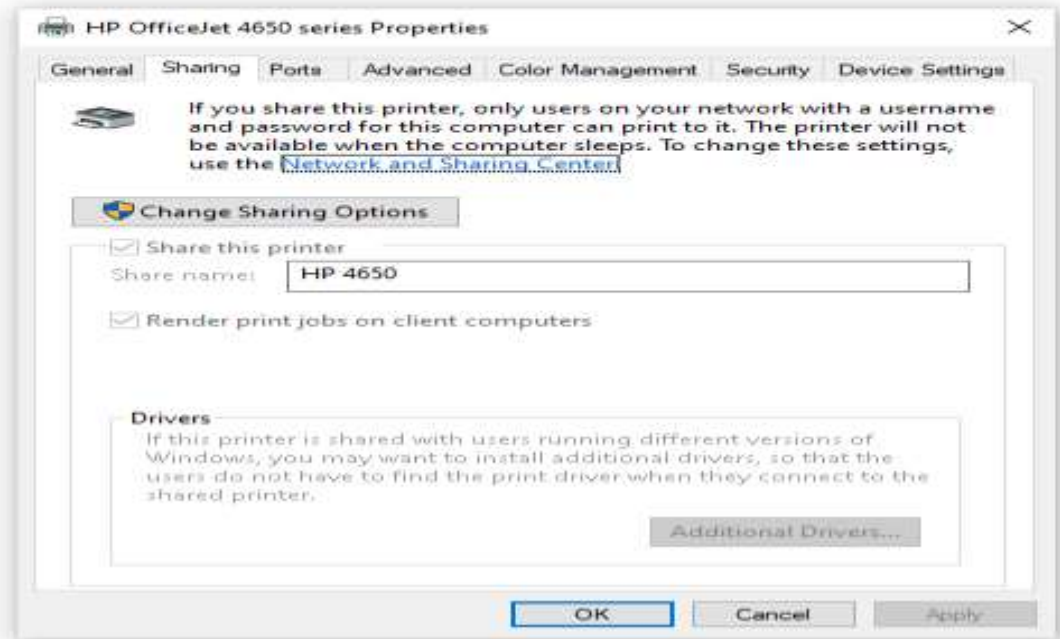
Print a test page

Run the troubleshooter

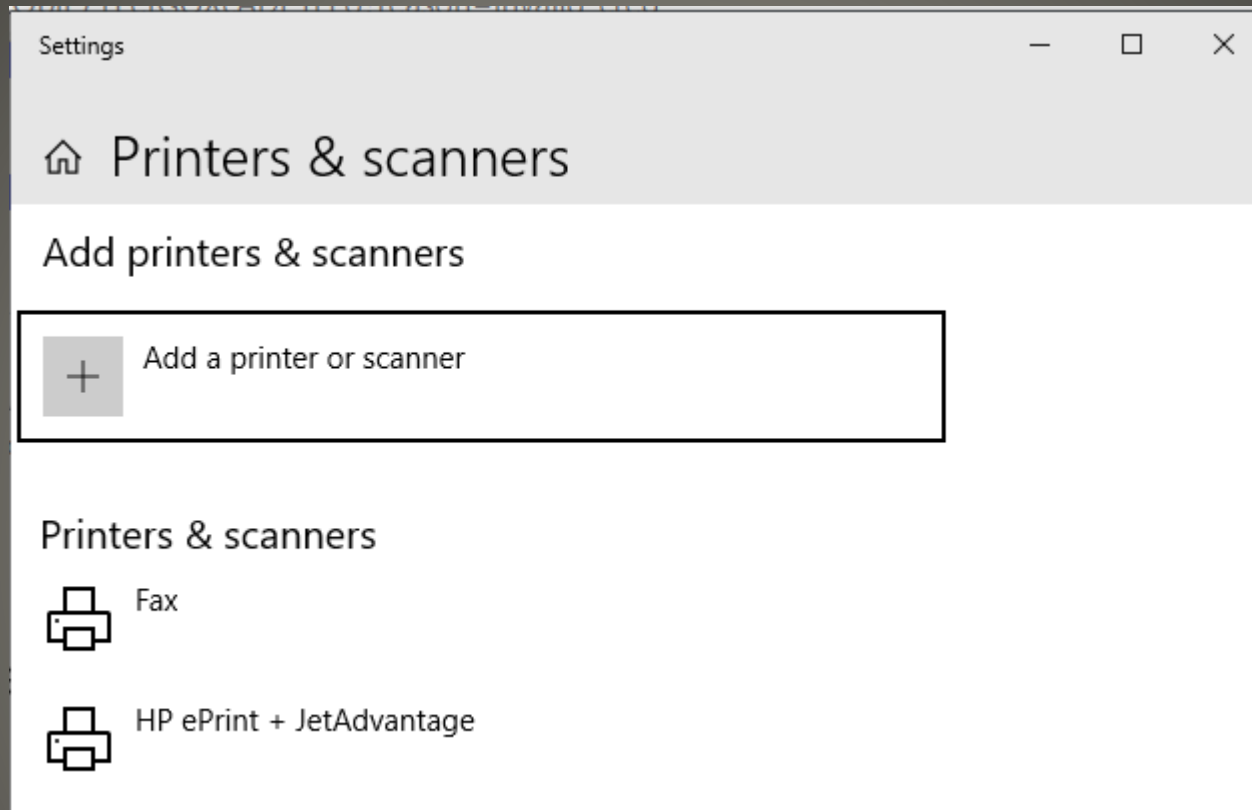
Printer properties

Printing preferences

Hardware properties



Printer Sharing



Add shared printer on client

Settings



Printers & scanners

Add printers & scanners



Refresh

Searching for printers and scanners

[Show Wi-Fi Direct printers](#)

[The printer that I want isn't listed](#)

Printers & scanners

Add printers & scanners



Refresh



DIRECT-72-HP 1200 Neverstop
Printer



DIRECT-F2-HP ENVY 7640 series
Printer



DIRECT-A5-HP ENVY Photo 7800
Printer

[The printer that I want isn't listed](#)



←  Add Printer

Find a printer by other options

☒ My printer is a little older. Help me find it.

☐ Select a shared printer by name

Browse...

Example: \\computername\printername or
http://computername/printers/printername/.printer

☐ Add a printer using a TCP/IP address or hostname

☐ Add a Bluetooth, wireless or network discoverable printer

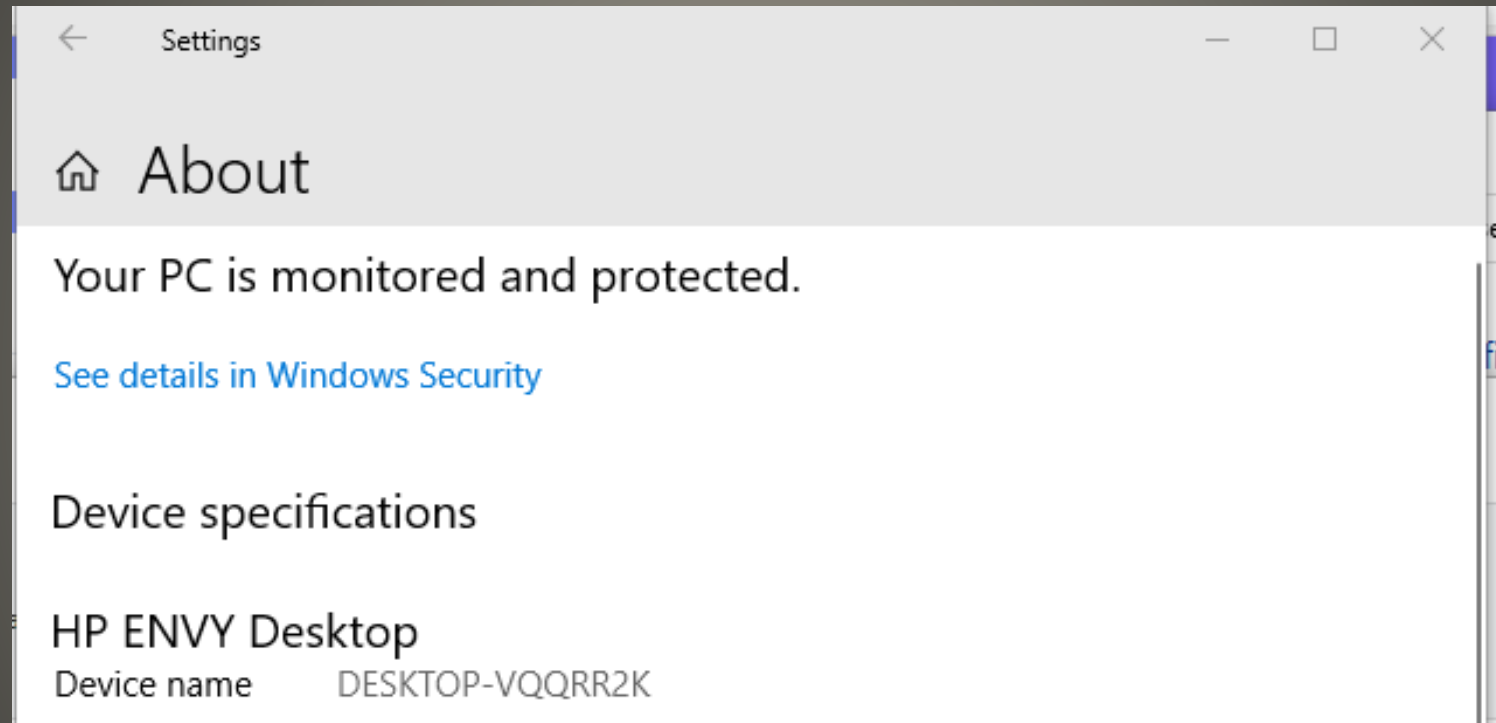
☐ Add a local printer or network printer with manual settings

Next

Cancel

The printer that I want isn't listed

- Settings > About





Shared Printer client

- Enable File Sharing with care
- Use Cloud, drop box, eMail, etc.
- Check SMB settings

[GRC | ShieldsUP! — Internet Vulnerability Profiling](#)

DANGER DANGER

Welcome to ShieldsUP!

If you have not visited for some time, please note that:

- Our new [Perfect Passwords](#) facility is used by thousands of people every day to generate ultra-high-quality random passwords for securing WiFi and other services.
- Our weekly [Security Now!](#) audio podcast has covered **every security issue** you might have. These mp3 audio files are freely downloadable, and since we have transcripts of every podcast, you can use our sitewide search to find any podcast by keyword.

If you are new to this site and our services:

Please take just a moment to read and consider these three points:

Your use of the Internet security vulnerability profiling services on this site constitutes your FORMAL PERMISSION for us to conduct these tests and requests our transmission of Internet packets to your computer. ShieldsUP!! benignly probes the target computer at your location. Since these probings must travel from **our** server to **your** computer, you should be certain to have administrative right-of-way to conduct probative protocol tests through any and all equipment located between your computer and the Internet.

NO INFORMATION gained from your use of these services will be retained, viewed or used by us or anyone else in any way for any purpose whatsoever.

If you are using a personal firewall product which LOGS contacts by other systems, you should expect to see entries from this site's probing IP addresses: **4.79.142.192 -thru- 4.79.142.207**. Since we own this IP range, these packets will be from us and will NOT BE ANY FORM OF MALICIOUS INTRUSION ATTEMPT OR ATTACK on your computer. You can use the report of their arrival as handy confirmation that your intrusion logging systems are operating correctly, but please do not be concerned with their appearance in your firewall logs. It's expected.

Proceed

ShieldsUP!![™]

Port Authority Edition – Internet Vulnerability Profiling

by Steve Gibson, Gibson Research Corporation.



Greetings!

Without your knowledge or explicit permission, the Windows networking technology which connects your computer to the Internet **may be offering some or all of your computer's data to the entire world at this very moment!**

- **For orientation and background**, please examine the page links provided below for important information about Internet vulnerabilities, precautions and solutions.
- **First time users** should start by checking their **Windows File Sharing** and **Common Ports** vulnerabilities with the "File Sharing" and "Common Ports" buttons below.
- For orientation and information about the Port Authority system, **click the Home or Help icons** in the titlebar . . .

[Click here](#) to check your router now...

**GRC's Instant UPnP
Exposure Test**

HOME		ShieldsUP!! Services		HELP	
File Sharing	Common Ports	All Service Ports	Messenger Spam	Browser Headers	
You may select any service from among those listed above . . .					
<input type="text"/>			<input type="text"/>		
User Specified Custom Port Probe			Lookup Specific Port Information		
Or enter a port to lookup, or the ports for a custom probe to check, then choose the service. Your computer at IP 74.192.158.167 will be tested.					

Please see [Explain this to me!](#) below for information about Windows File Sharing

ShieldsUP!![™]

Port Authority Edition – Internet Vulnerability Profiling

by Steve Gibson, Gibson Research Corporation.

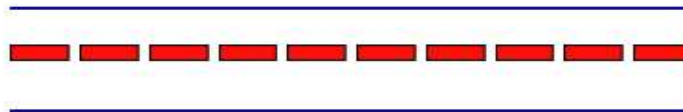
Universal Plug n'Play (UPnP) Internet Exposure Test

This Internet probe sends up to ten (10) UPnP Simple Service Discovery Protocol (SSDP) M-SEARCH UDP packets, one every half-second, to our visitor's current IPv4 address (**74.192.158.167**) in an attempt to solicit a response from any publicly exposed and listening UPnP SSDP service. The UPnP protocols were **never** designed to be exposed to the public Internet, and **any** Internet-facing equipment which does so should be considered defective, insecure, and unusable. Any such equipment should be disconnected immediately.

Your equipment at IP:

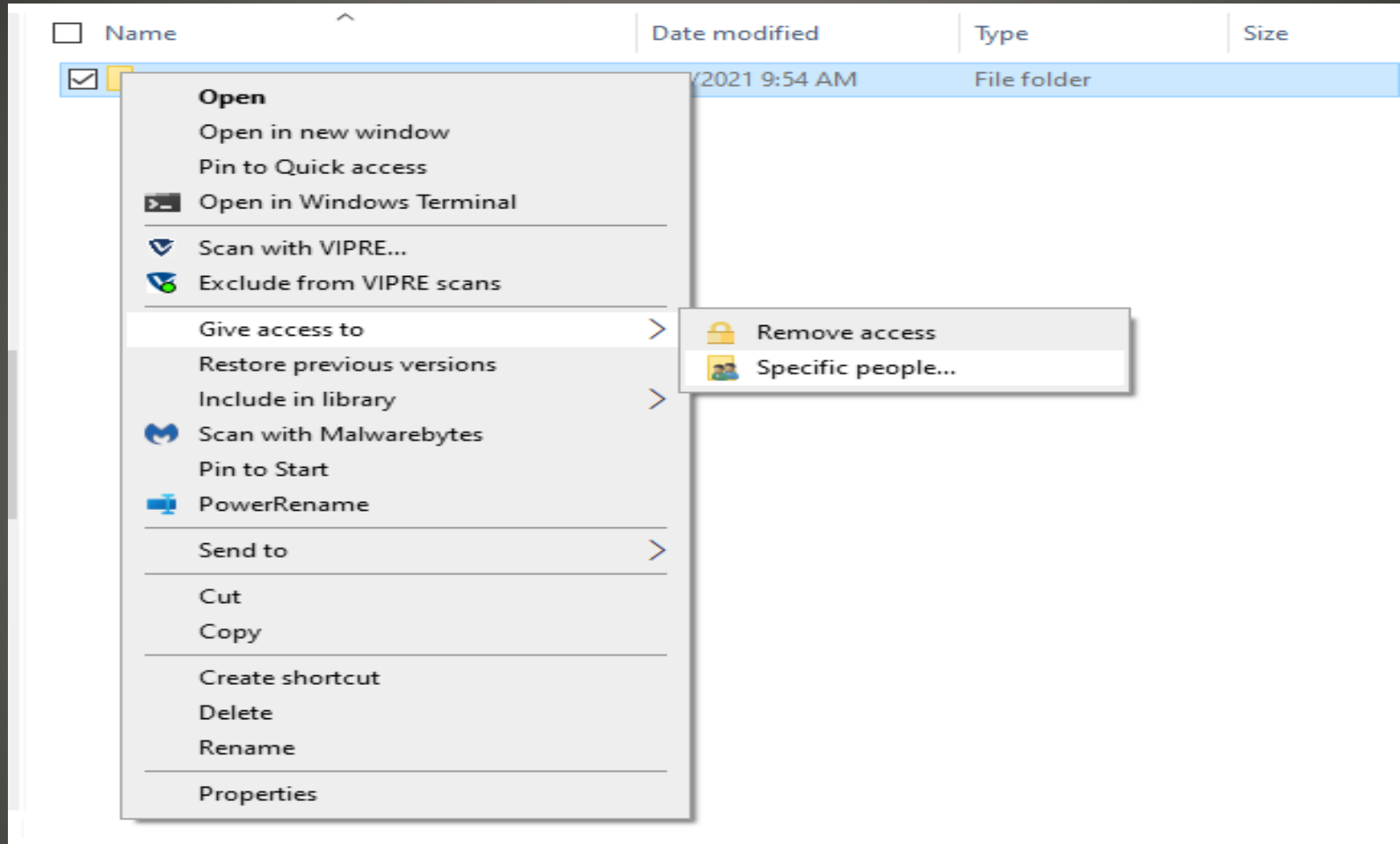
74.192.158.167

Is now being queried:



**THE EQUIPMENT AT THE TARGET IP ADDRESS
DID NOT RESPOND TO OUR UPnP PROBES!**

(That's good news!)





Share folder/file

←  Network access

Choose people to share with

Type a name and then click Add, or click the arrow to find someone.

Add

Name	Permission Level
 ginger	Owner
 john	Read ▼

[I'm having trouble sharing](#)

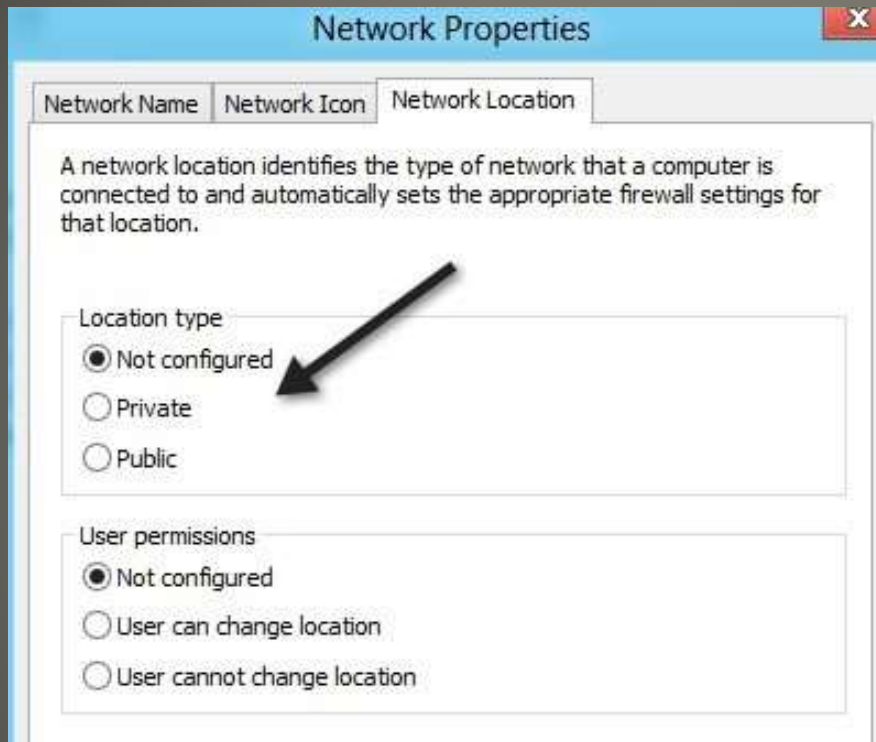
Share

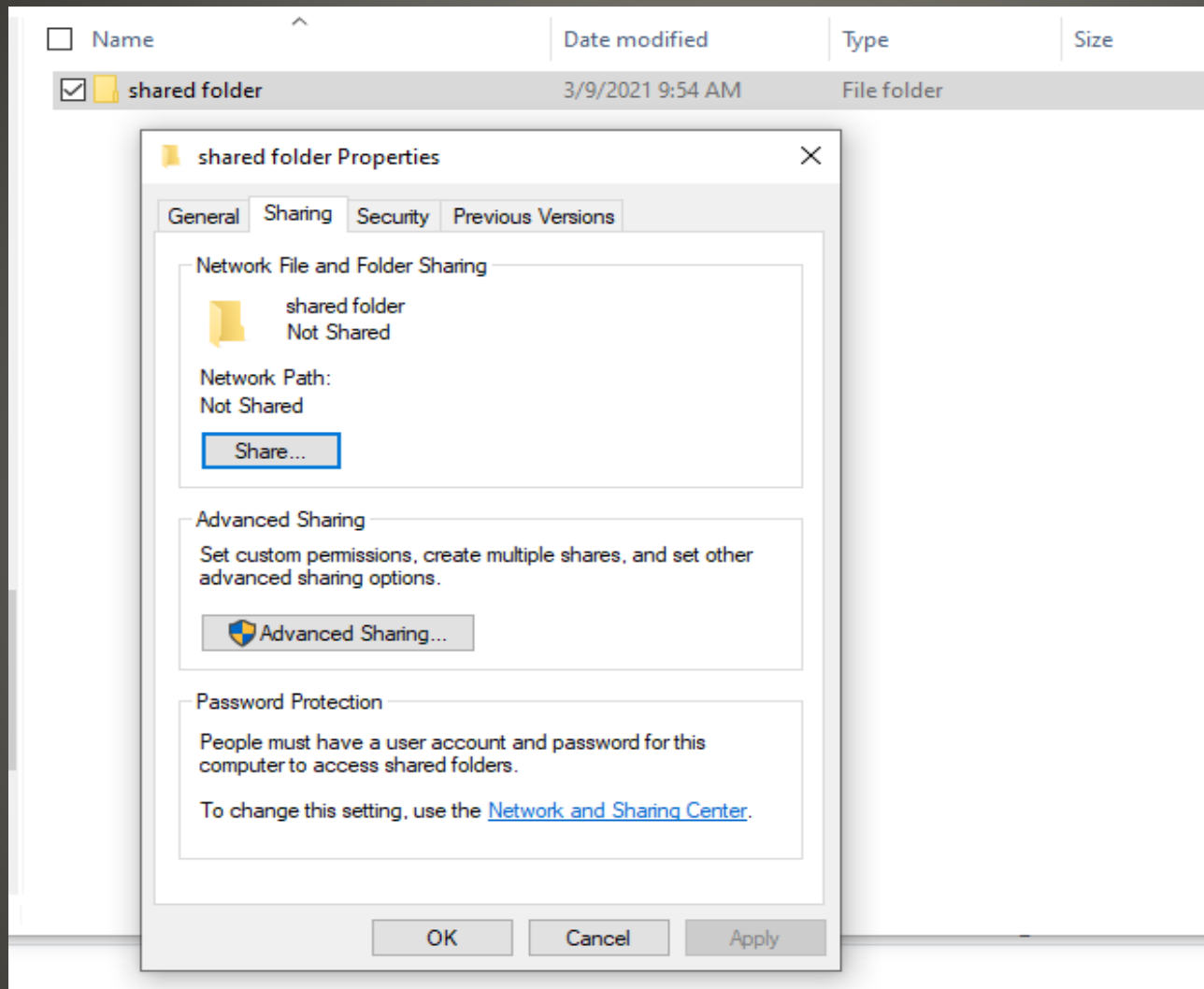
Cancel

- Consider alternatives
- Segment Wireless
- Consider alternatives

Now what?

- Private WiFi network





Right Click on file/folder properties

Advanced Sharing

☒ Share this folder

Settings

Share name:

shared folder

Add Remove

Limit the number of simultaneous users to: 20

Comments:

Permissions Caching

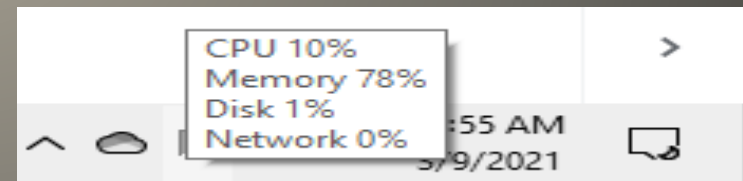
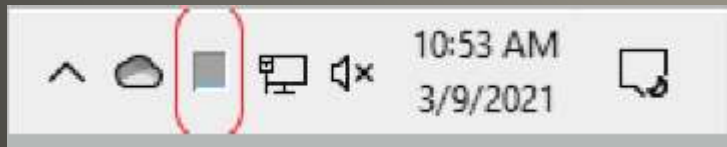
OK Cancel Apply

Advanced

- Share with MACs
- Share with Linux
- Network Attached Storage
- Dual port Disk
- Disk connect disconnect
- Compatible format
- SIDs for security

Can go further

- Task Manager
CTRL+SHIFT+ESC
CTRL+ALT+DEL - useful
Right click empty space on task bar
Win + R taskmgr
- Resource Monitor
- Performance > Open Resource Monitor








What's running?

Task Manager

File Options View

Processes Performance App history Startup Users Details Services

Last BIOS time: 2.6 seconds

Name	Publisher	Status	Startup impact
 Cortana	Microsoft Corporation	Enabled	Not measured
 Microsoft OneDrive	Microsoft Corporation	Enabled	High
 Windows Security notificatio...	Microsoft Corporation	Enabled	Medium
 Windows Terminal Preview	Microsoft Corporation	Disabled	None
 Your Phone	Microsoft Corporation	Disabled	None

Task Manager Startup Tab

Task Manager					
File Options View					
Processes Performance App history Startup Users Details Services					
Name	99% CPU	26% Memory	1% Disk	0% Network	
> HeavyLoad	81.2%	10.8 MB	0.1 MB/s	0 Mbps	
> WMI Provider Host (8)	14.1%	12.5 MB	0 MB/s	0 Mbps	
System	2.0%	0.1 MB	0.1 MB/s	0 Mbps	
Desktop Window Manager	0.9%	63.7 MB	0 MB/s	0 Mbps	
> Task Manager	0.8%	28.0 MB	0 MB/s	0 Mbps	
> PicPick (32 bit)	0.4%	37.3 MB	0 MB/s	0 Mbps	
> Windows Explorer (5)	0.3%	33.1 MB	0 MB/s	0 Mbps	
> Service Host: Local Service (No Network) (5)	0.2%	11.0 MB	0 MB/s	0 Mbps	
System interrupts	0.1%	0 MB	0 MB/s	0 Mbps	
WMI Provider Host	0%	8.4 MB	0 MB/s	0 Mbps	
> VMware Tools Core Service	0%	3.5 MB	0 MB/s	0 Mbps	
> Service Host: Local System (18)	0%	27.9 MB	0.2 MB/s	0 Mbps	
> Service Host: Remote Procedure Call (2)	0%	6.5 MB	0 MB/s	0 Mbps	
> Local Security Authority Process (3)	0%	6.5 MB	0 MB/s	0 Mbps	
Windows Driver Foundation - User-mode Driver Framewo...	0%	2.2 MB	0 MB/s	0 Mbps	

Task Manager process Tab

Task Manager									
File Options View									
Processes Performance App history Startup Users Details Services									
Name	Status	18% CPU	86% Memory	2% Disk	0% Network	5% GPU	GPU engine	Power usage	Power usage t...
Apps (16)									
> Brave Browser (13)		0%	121.4 MB	0 MB/s	0 Mbps	0%		Very low	Very low
> Firefox (6)		0%	329.8 MB	0.1 MB/s	0 Mbps	0%		Very low	Very low
> Google Chrome (9)		0.1%	259.7 MB	0.1 MB/s	0 Mbps	0%		Very low	Very low
> Malwarebytes Tray Application		0%	4.1 MB	0 MB/s	0 Mbps	0%		Very low	Very low
> Microsoft Edge (31)		0.3%	945.1 MB	0 MB/s	0 Mbps	0%	GPU 0 - 3D	Very low	Very low
> Microsoft Edge (22)		7.6%	316.5 MB	0 MB/s	0 Mbps	0%	GPU 0 - 3D	High	Very low
> Microsoft PowerPoint (32 bit)		0%	89.6 MB	0 MB/s	0 Mbps	0%		Very low	Very low
> Microsoft Word (32 bit)		0%	22.4 MB	0 MB/s	0 Mbps	0%		Very low	Very low
> Opera Internet Browser (22)		0.2%	434.5 MB	0 MB/s	0 Mbps	0%	GPU 0 - 3D	Very low	Very low

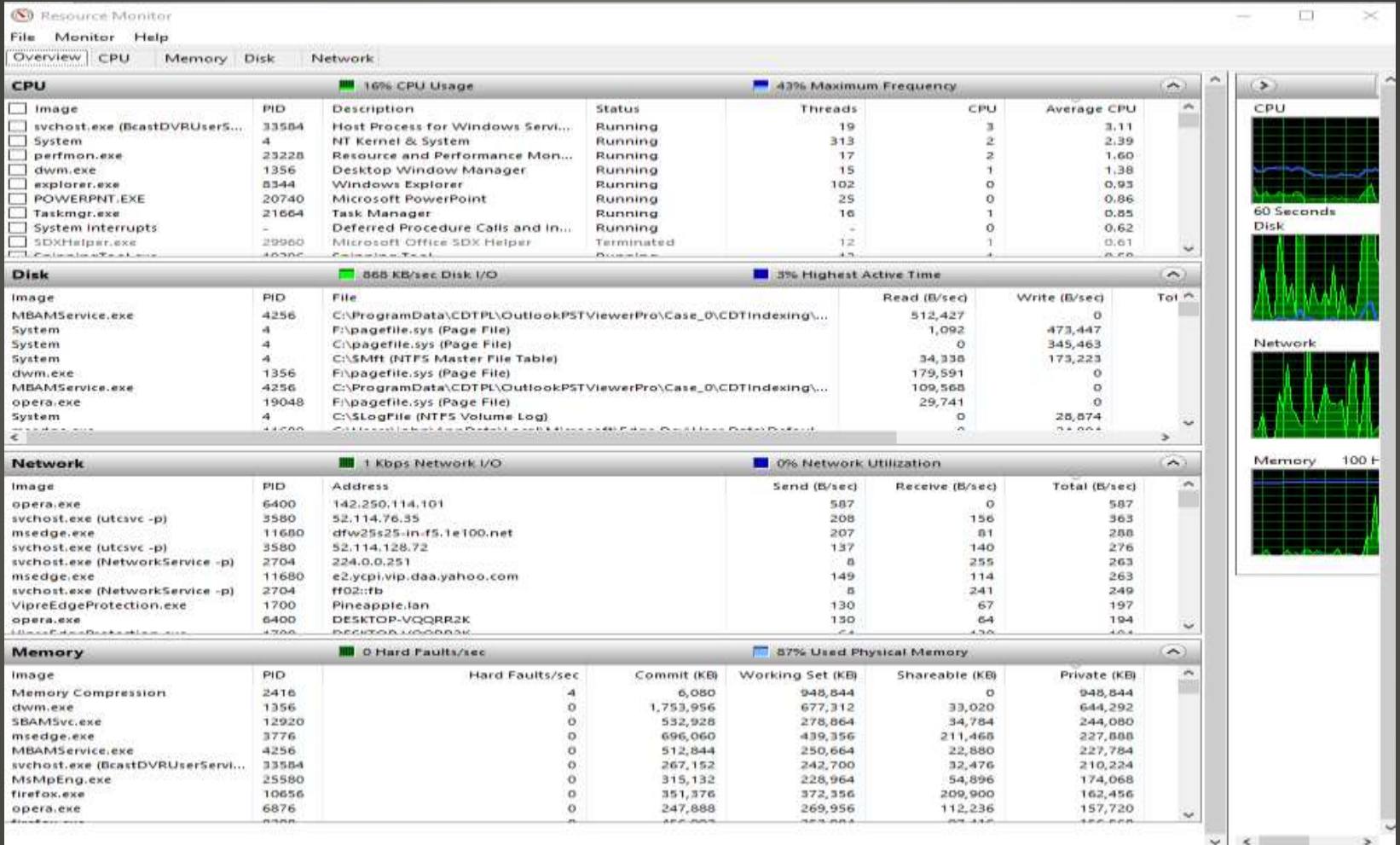
Processes Tab + Power

Task Manager									
File Options View									
Processes Performance App history Startup Users Details Services									
Name	Status	9% CPU	86% Memory	2% Disk	0% Network	3% GPU	GPU engine	Power usage	Power usage t...
Desktop Window Manager		0.5%	373.2 MB	0.1 MB/s	0 Mbps	2.1%	GPU 0 - 3D	Very low	Very low
> Opera Internet Browser (22)		0.3%	442.0 MB	0.1 MB/s	0.1 Mbps	0%	GPU 0 - 3D	Very low	Very low
> Microsoft Edge (22)		0.1%	269.0 MB	0.1 MB/s	0 Mbps	0%	GPU 0 - 3D	Very low	Very low
System		1.5%	0.1 MB	0.1 MB/s	0 Mbps	0%		Low	Very low
> Malwarebytes Service		0.1%	257.3 MB	0.1 MB/s	0 Mbps	0%		Very low	Very low
> Anti Malware Service		0.1%	236.3 MB	0.1 MB/s	0 Mbps	0%		Very low	Very low
> Xbox Game Bar (3)		0.1%	22.7 MB	0.1 MB/s	0 Mbps	0%		Very low	Very low

Sort on any column



Performance Tab



Resource Monitor

Many options

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

