Sun City Computer Club

Windows SIG

November 12, 2024

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?
- **My last Windows SIG as leader December 2024**
- Topic Suggestions – plea(se)
- Your suggestions   future presentations
- In person meetings carbon footprint   Inclusion
- Computer Club Vimeo Account
- CA Vimeo Account

2024-11 Cumulative Update for Windows 11 Version 23H2 for x64-based Systems (KB5046633)　　　Downloading - 0%

Windows Malicious Software Removal Tool x64 - v5.130 (KB890830)　　　Downloading - 100%

2024-11 .NET 6.0.36 Update for x64 Client (KB5047486)　　　Downloading - 100%

2024-11 Cumulative Update for .NET Framework 3.5 and 4.8.1 for Windows 11, version 23H2 for x64 (KB5045935)　　　Downloading - 70%

Windows 11 Noember Update

- 83 Vulnerabilities
- 3 critical
- 2 Exploited

Microsoft November Windows Updates

Windows Update

Get the newer version of Windows to stay up to date

Your version of Windows has reached the end of service. Learn more

Check for updates

- Windows 11 23H2 KB5046633
- BUG
- Windows 11 23H3 scheduled end-of-support November11, 2025

- Extended Security Updates Subscription
- $30/year
- Critical Security Issues

Windows 10

- This from the Computer Club's Wiki:
- Windows 11 24H2, reasons to delay...
- October 22, 2024… Windows 11 24H2 is now "shipping". There are reasons to avoid this update for a while. Some of them are shown in this page provided by Microsoft… Windows11-24H2 health status

- The Windows SIG presented August, 2024 offered a utility to attempt to block the Windows 11 24H2 update.

- The details are at timestamp 30:05 of the recorded Windows SIG presentation.
- And at GRC.COM   Freeware > Utilities > InControl
  May not work – 24H2 preview
  Needs to be setup for restart/reboot

Windows 11 Caution

- Phone Link & Android phones
  Unable to remove existing Android devices

Windows 11 Caution

- Windows 10 22H2 19045.5194

Windows 10

- Installation issues
- 8.63GB cache file
- Western Digital Black SN770
  Western Digital Blue SN580
  Host Memory Buffer   64MB -> 200MB
  Western Digital firmware update
  Microsoft to provide fix
  Registry
- Disappearing Mouse pointer
- Voicemeeter app
- Task Manager Escape

Windows 11 24H2 issues

- Safe Exam Browser application might fail to open

- Devices running version 3.7 or lower versions of this application are incompatible with Windows 11, version 24H2.

- Some devices using Easy Anti-Cheat stop responding and receive a blue screen

- Older driver versions of the Easy Anti-Cheat application are incompatible with Windows 11, version 24H2

- Fingerprint sensors might experience problems after a device is locked

- Several device models are affected. A compatibility hold is in place. Updating device firmware might resolve the issue.

- Wallpaper customization applications might not work as expected

- Multiple applications are affected. A compatibility hold is in place. Updating applications might resolve the issue.

- Disk Cleanup might incorrectly report space available for cleanup

- Despite cleaning up files, the application might display an incorrect estimate of space still available for cleanup

- Compatibility issues with Intel Smart Sound Technology drivers

- Windows 11, version 24H2 devices with the affected Intel SST driver might receive an error with a blue screen.

Windows 11 24H2 issues

- Energy Saver Mode
  Desktop – certain graphic effects, pause background apps
  Laptop – customizable threshold
   limiting background processes, dimming screen, throttle CPU
- Improved Smartphone Integration
   Start Menu smartphone as webcam
- Start Menu – more customizable
  Pin apps to taskbar
  Account Manager for Microsoft Account
- File Explorer
  File management more efficient
  Breadcrumb feature in address bar
- More practical Quick Settings Menu
- Wi-Fi 7   &   Bluetooth LE audio
- Copilot+
- Faster updates

Windows 11 24H2 features

- Windows 10 optional update
  Multi function printers KB5045594

[Start menu] New! This update starts the roll out of the new account manager on the Start menu. The new design makes it easy to view your account and access account settings. To change to a different user, select the ellipses (...) next to Sign out. The Lock command is now on the power menu. Note This change might not be available to all users because it will roll out gradually.

[Multi-Function Printer (MFP)] Fixed: When you use a USB cable to connect to a Multi-Function Printer (MFP), it prints specific network command text when you do want it to.

[Multi-Function Printer (MFP)] Fixed: A scanner driver fails to install when you use a USB cable to connect to an MFP.

[vmswitch] Fixed: A vmswitch triggers a stop error. This occurs when you use Load Balancing and Failover (LBFO) teaming with two virtual switches on a virtual machine (VM). In this case, one virtual switch uses single root Input/Output virtualization (SR-IOV).

[Upgrade to Windows 11] Fixed: A race condition causes stop error 0x3B. This might occur when you upgrade from Windows 10 to Windows 11.

[Product activation phone numbers] Fixed: This adds new phone numbers for several regions.

[Country and Operator Settings Asset (COSA)] Fixed: This update brings profiles up to date for certain mobile operators.

[WebView2 apps] Fixed: They do not detect input from Xbox 360 and Bluetooth controllers.

[Azure Virtual Desktop (AVD) (known issue)] Fixed: You might see a black screen when you sign in to AVD. You might also notice that you cannot sign out of your account. The black screen persists even after you disconnect and reconnect to AVD. The application event log displays Event ID:1000, which indicates a fault in svchost.exe_AppXSvc.

Windows 10

- Copilot & AI in Phone Link for Android messaging
- File Explorer & Android storage　Windows 10 & 11
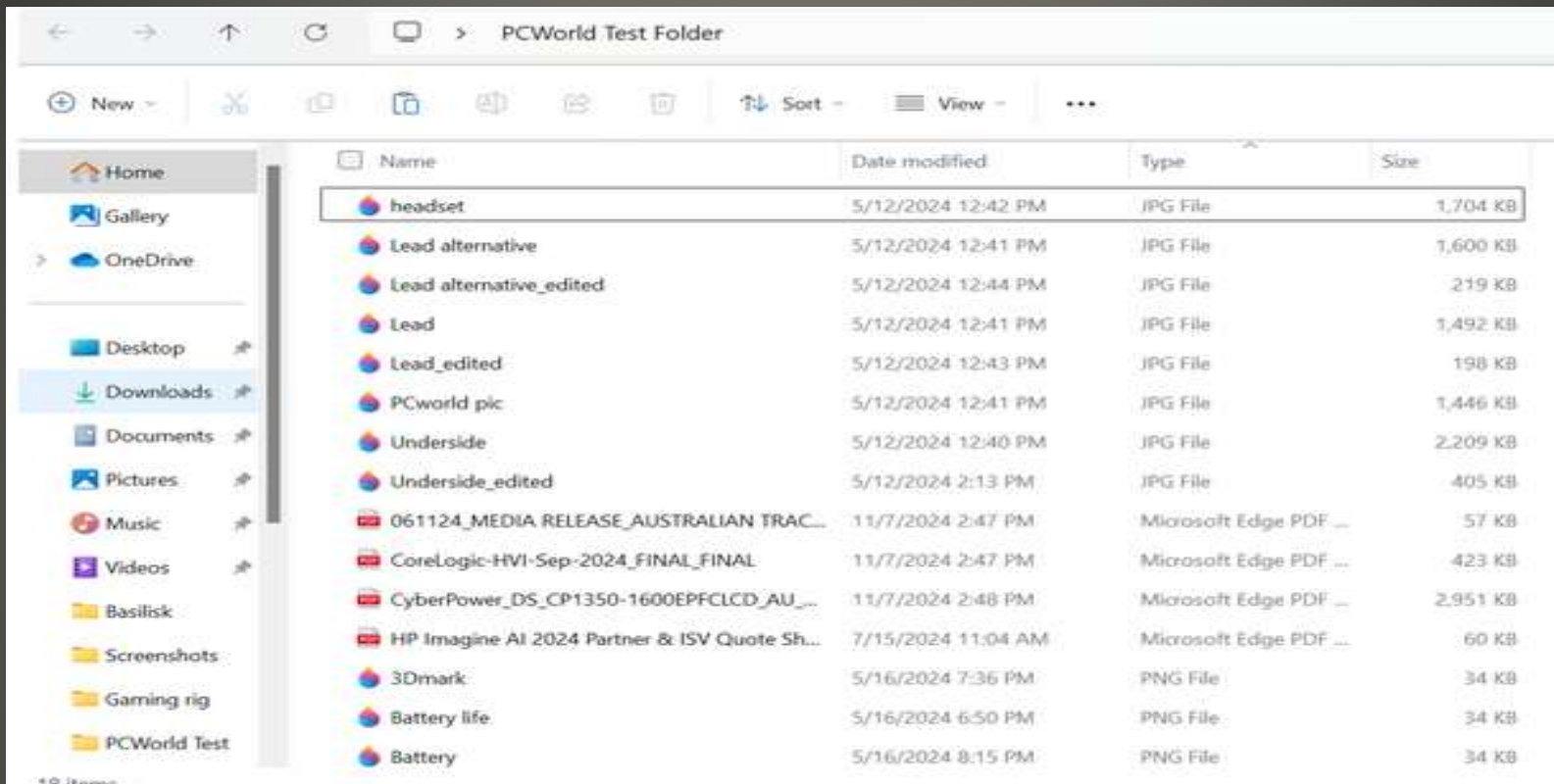- Cross-Device Experience Host　Microsoft Store
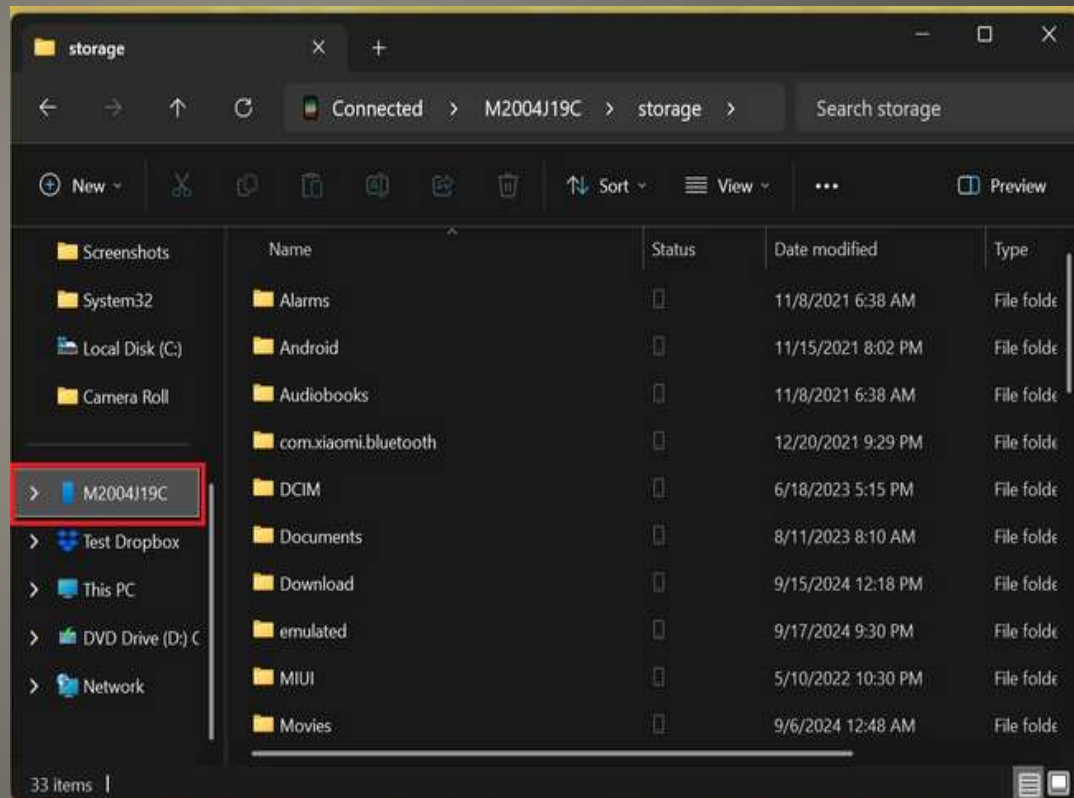
File Explorer & Android storage

- Android 11 or newer
- Link to Windows
- Update Cross Device Experience Host - Microsoft Store
- Check Mobile Devices page on Windows
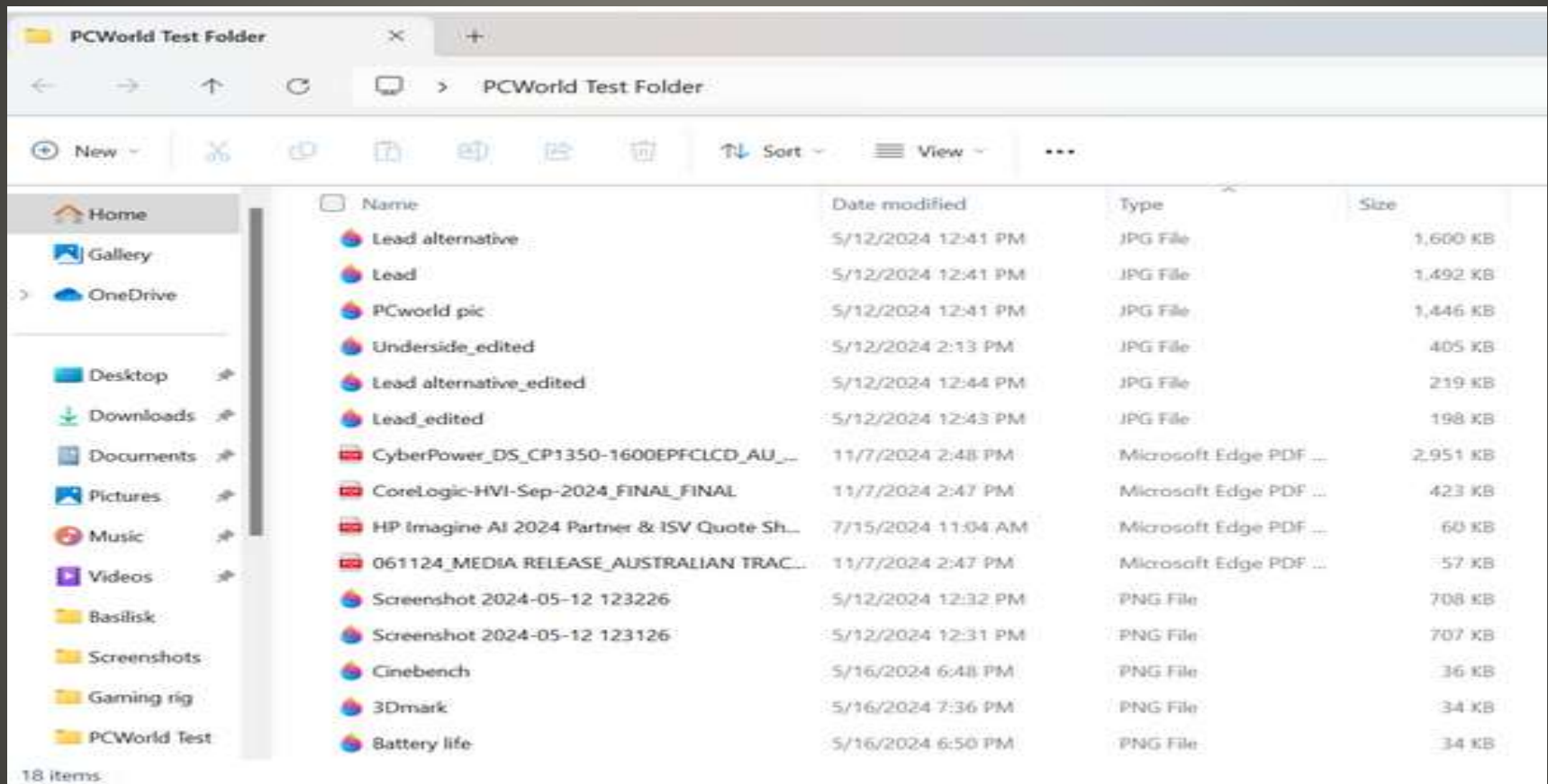
OR

USB cable   or Phone Link

File Explorer & Android storage

One level of sorting – by type.

File Explorer - Sort the Sort

- Column Shift Click

One level of sorting – by type.

File Explorer - Sort the Sort

- Chat & Collaboration
- Webinars, town halls, Mesh

October Teams updates

- Run to Fail
- New hardware
- Alternative Windows Operating System
- Pay annual subscription fee
- Proceed to Windows 11
- 0patch
  "security-adopt" Windows 10 22H2
  5 more years

Windows 10 Hardware Options

- KB5001716 Windows 10 & 11

"when this update is installed, Windows may attempt to download and install feature updates to your device if it is approaching or has reached the end of support for your currently installed Windows version. Feature updates offer new functionality and help keep your device secure."

Auto-installed feature update
Auto-installed upgrade

Windows 10

- Windows 11 24H2
- Older Snapdragon driver issues

Windows ISO available for Arm64

- Copilot Pro subscription $20/mo
- Monthly AI credits
- Microsoft 365 Classic
- Currently region based
- Revenue based for AI investment?
- Students complain "Any AI in our work can be academic misconduct"

Copilot features to Office Apps

- Build 27749
  - Shortcut to copy most recent Narrator output
  - Narrator auto-read contents in new Outlook app

Windows 11 Insider Canary

- Hotpatching enabled by Azure Arc: Customers operating entirely in the cloud have inherent modern security advantages, such as automatic software updates and backup and recovery.
- NVMe storage performance: On identical systems, Windows Server 2025 delivers up to 60% more storage IOPs performance than Windows Server 2022.
- Block cloning support: As Dev Drive uses the ReFS file system format, Block cloning support provides significant performance benefits when copying files.
- New Active Directory (AD) functionalities and capabilities, including AD object repair, optional 32k database page size, and improved security for confidential attributes and default machine account passwords.
- Credential Guard: Starting with Windows Server 2025, it's enabled by default on devices that meet the requirements to block credential theft attacks by protecting NTLM password hashes, Kerberos Ticket Granting Tickets (TGTs), and credentials stored by apps as domain credentials.
- File services/server message block (SMB) hardening: Windows Server 2025 includes SMB over QUIC to enable secure access to file shares over the Internet. SMB security also adds hardened firewall defaults, brute force attack prevention, and protections for man-in-the-middle attacks, relay attacks, and spoofing attacks.
- Delegate Managed Service Accounts (dMSA): Unlike traditional service accounts, dMSAs don't require manual password management since AD automatically handles it.
- Accelerated Networking (AccelNet): This feature simplifies the management of single root I/O virtualization (SR-IOV) for virtual machines (VM) hosted on Windows Server 2025 clusters. It uses the high-performance SR-IOV data path to reduce latency, jitter, and CPU utilization.
- DTrace: Windows Server 2025 comes equipped with DTrace as a native tool. DTrace is a command-line utility that enables users to monitor and troubleshoot their system's performance in real-time.
- Virtualization-based security (VBS) enclaves designed to help applications protect their secrets by removing the need to trust admins and hardening against malicious attackers.
- Windows Local Administrator Password Solution (LAPS): It automatically generates unique passwords for each computer's local administrator account, stores them securely in AD, and updates them regularly to improve security by reducing the risk of attackers gaining access to sensitive systems using compromised or easily guessable passwords.

Windows Server 2025

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