

Sun City Summerlin Computer Club

Windows 10 What's *REALLY* New

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Agenda



- To Upgrade or Not
- How To Get Windows 10
- What's New and Different?
- Configuring and Customizing Win 10
- Microsoft Edge Discussion / Demo
- Multiple Desktops Discussion / Demo
- Cortana Discussion / Demo
- Microsoft App Store
- Web Links
- Refer also to last month's (July, 2015) "Windows 10 – An Early Look" notes:
<http://www.scscclb.com/smnr/Windows10EarlyLook.pdf>

To Upgrade or Not?

- Windows 10 will ship pre-installed on most *new* PCs.
 - Available on retail PCs *Now*.
 - \$350 to \$600 buys a very nice desktop or laptop PC.
 - For a desktop, recommend you have a 20" or 24" wide-screen flat panel.
 - Most new laptops have 1600 x 900 or higher screens, many with touch.
- Windows 7 & 8 are still mainstream and will be supported until about 2020. *For most SCSCC members, there's no compelling reason to upgrade an existing Windows 7 PC to Windows 10.*
- If you're already on Windows 8.1 Update, Windows 10 is much less different and should be an easy upgrade. It's been 3 months since the release. Most early problems have been get resolved by either MS or by hardware and software vendors.

How To Get Windows 10

- **Easiest – Buy a *new* PC**
 - Windows 10 comes pre-installed.
 - Product activation handled by the hardware vendor.
 - Windows 10 tested and verified by the vendor.
 - Still need to install your other applications and tools.
- **If you're running Windows 7 SP1 or Windows 8.1 Update**
 - Reserve your copy via the “Get Windows 10” icon in the tray.
 - Then just wait to be notified when the upgrade is available to install.
- **Use the Windows 10 Media Creation Tool**
 - <https://www.microsoft.com/en-us/software-download/windows10>
 - You can either do the download and upgrade.
 - Or you can create an ISO image file (Home or Pro, 32-bit or 64-bit).
 - The Lab015 PC has the 64-bit Home and Pro ISOs in D:\Windows_10
- **Persuade (or pay) someone to do Windows 10 Upgrade on your PC**

What's New and Different

- Videos: <https://www.microsoft.com/en-us/windows>
- Windows 10 Start Menu with “Live Tiles”
 - Many tiles can show “live” data while running
- Start *page* is gone; Charms are gone
- Built-in “Windows 10” (aka “Modern”) Apps Improved
- “Windows 10” Apps run in regular desktop windows
- New **Microsoft “Edge”** (aka Project Spartan) web browser
- Retains a Desktop version of Internet Explorer 11
- Support for **Multiple Virtual Desktops**
- **Cortana Personal Digital Assistant**
- Cortana’s search window on the task bar
- Microsoft has updated the **Windows Store**
- Most Settings (Control Panel) now re-done as “Modern” apps
- **Windows Update *unconditionally* installs patches *whenever available* (Home and Pro versions) – No more “Patch Tuesdays”**

Configuring and Customizing Win 10

- Winkey+I brings up the Settings panel to access many settings tools.
 - Includes Control Panel, Network and “Change PC Settings”.
- Winkey+X brings up the Desktop Quick Menu, which links to many system management functions.
- Right click on the Desktop background and choose “Personalize” or “Screen Resolution”.
- Windows 10 “God Mode” Folder
 - Comprehensive categorized panel of links to change Win 8 settings
 - On Desktop, right click and choose New > Folder
 - Name it “God Mode.{ED7BA470-8E54-465E-825C-99712043E01C}”
 - Demo ...

Microsoft Edge Browser

- All new web browser, rebuilt from the ground up (Project Spartan)
- Replaces Internet Explorer 11
 - Note – IE 11 is also available for backward compatibility in “Accessories”
- Articles:
 - <https://www.microsoft.com/en-us/windows/microsoft-edge>
 - <http://windows.microsoft.com/en-us/windows-10/getstarted-get-to-know-microsoft-edge>
 - <http://www.pcworld.com/article/2966127/browsers/the-best-web-browser-of-2015-firefox-chrome-edge-ie-and-opera-compared.html>
- Let's explore Edge ...
- Other popular web browsers can also be installed – just download and install.
 - Chrome, FireFox, Opera

BIO BREAK

Windows 10 - What's REALLY New

Multiple Virtual Desktops

- In Windows 10 you can set up multiple Desktops, each with a different setup.
 - <http://windows.microsoft.com/en-us/windows-10/multiple-desktops-in-windows-10>
 - <http://www.cnet.com/how-to/how-to-use-multiple-desktops-in-windows-10/>
- You can easily switch back and forth between these desktops using the Task View icon on the Task Bar.
- You can move windows from one virtual desktop to another using drag and drop or right click and “Move to”.
- Useful Keyboard Shortcuts:
 - Winkey + Ctrl + D – Opens a new virtual desktop
 - Winkey + Ctrl + F4 – Closes the current virtual desktop
 - Winkey + Ctrl + left or right arrow – switch between virtual desktops
- Let's explore the multiple virtual desktops feature ...

Cortana

- **Cortana is a Personal Digital Assistant**
 - **Originated on the Windows Phone.**
 - **Has been moved to Windows 10 and is being moved to Android.**
 - **If your device (laptop, tablet, phone or PC) has a microphone and speakers, Cortana can listen and talk to you.**
- **Articles:**
 - <http://windows.microsoft.com/en-us/windows-10/getstarted-what-is-cortana>
 - <http://windows.microsoft.com/en-us/windows-10/getstarted-make-cortana-yours>
 - <https://www.youtube.com/watch?v=TkTamfJOh-A>
- **Cortana combines artificial intelligence, machine-based learning and a search engine to provide the ability not only to answer questions, but to carry out many tasks on your behalf.**
- **You can turn Cortana off / on as the current situation dictates.**
 - **To get Cortana's attention, say "Hey Cortana".**
- **Let's explore Cortana ...**

Microsoft App Store

- An “*App*” is a computer program written to conform to the “Metro / Modern / Windows 8 / Universal” look and feel, using a specific set of programming interfaces.
 - Most Apps are written in “interpreted languages” – HTML5 + JavaScript
- A “Desktop *Program*” is a computer program written to conform to the classic Windows look and feel, using a programming interface called “Win 32”.
 - Programs mainly written in C, C++, Visual Basic, Visual C#, Java or Delphi
- To go to the App store, open the Start Page, click the tile for Store
 - This takes you to the store on the MS website
 - Store shows broad categories like Games, Lifestyle, Tools, Security
 - Pan across the display and click on a category to see specific apps
 - You can filter for Free, Paid or both
 - You can sort by various categories
- Demo ... Go to the store, locate and install an App
 - “Speed Test Pro” does a speed benchmark of your PC.

Windows 10 – Web Links

- Microsoft's Windows Site: <http://windows.com>
- Microsoft Win 10 Presentation: <https://www.youtube.com/watch?v=VTkvN51OPfI>
- ZD-Net: <http://www.zdnet.com>
- Paul Thurott's Windows Supersite: <http://www.winsupersite.com/>
- <http://betanews.com/2015/07/11/getting-started-with-windows-10-download-the-essential-guide/>
- Free Book: <https://www.microsoft.com/en-us/download/details.aspx?id=47716>
- Start Menu Replacements for Windows 10:
 - Not clear that these are still needed or valuable, but may be for you if you want a classic Windows 7 or XP-style Start menu (no tiles).
 - Start 10: <https://www.stardock.com/products/start10>
 - Classic Shell 4.2.2 (www.classicshell.net) supports Windows 10 (may have to rename the setup file).

Questions And Answers

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