

# Windows 10: What Has Microsoft Done in First Big Update

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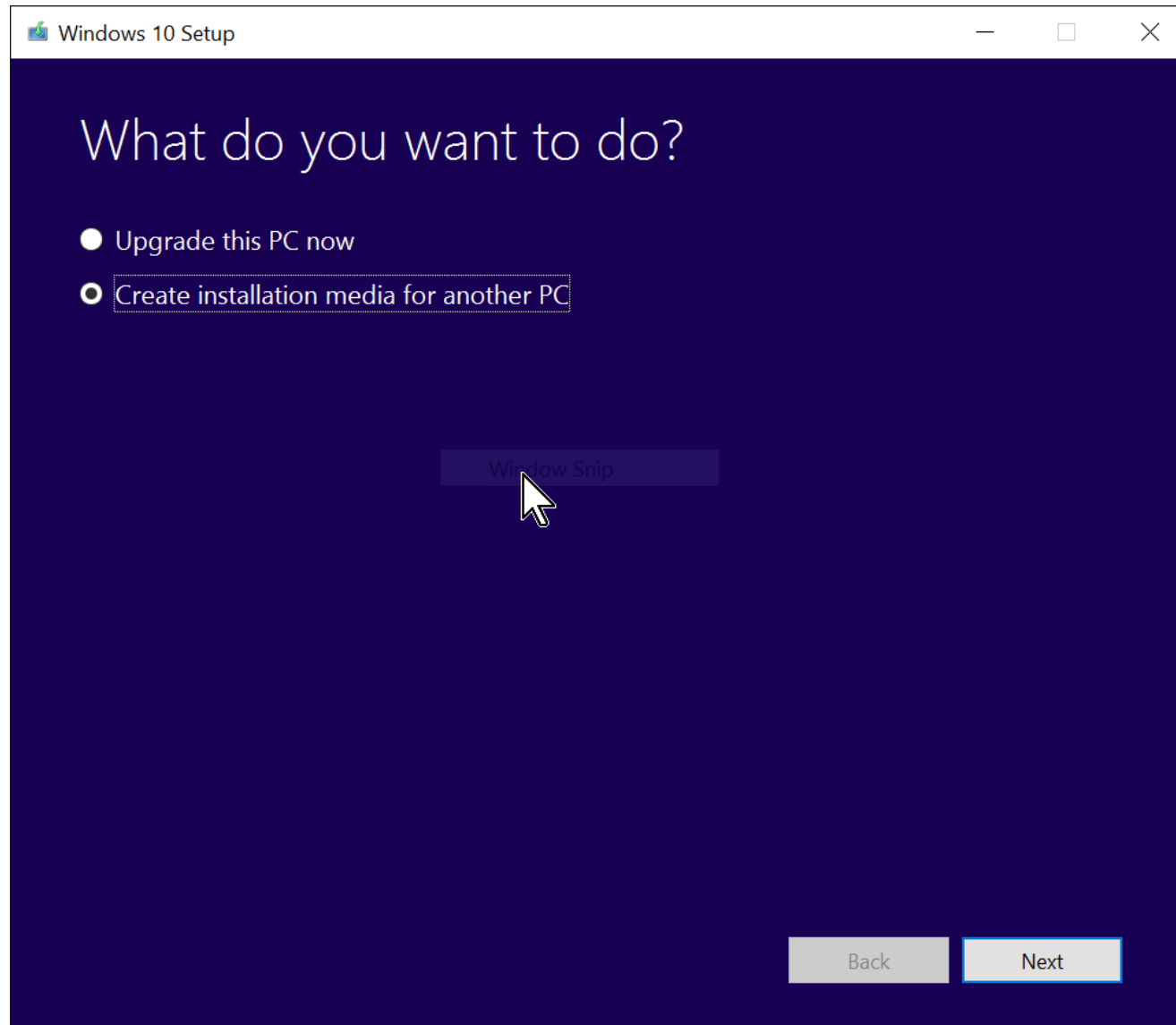
# Windows 10 Released July 29, 2015; First Big Upgrade (like Service Pack 1) Nov. 2015 Includes:

- ▶ 1. Can activate Windows 10 using a valid Windows 7 or 8/8.1 product key instead of tortuous path needed before. Major improvement!!
- ▶ 2. Can easily do the “Clean Install” preferred by IT Professionals and experienced users
  - ▶ Clean Install removes all traces of Windows 7 and 8/8.1
  - ▶ Removes all traces of any manufacturer’s “crapware”
  - ▶ Gives you what Microsoft calls Signature Version, i.e what MS thinks is the best incarnation of Windows 10. This is also version Costco requires.

# How to do Clean Install

- ▶ Search for Windows Media Creation Tool
- ▶ You can then create your own installation media with either USB flash drive (at least 4 GB) or a DVD
- ▶ Download the Tool and Run it

# Once you run the tool



# After You Create Your Files

- ▶ 1. Select language, home or pro, 32-bit or 64-bit
- ▶ 2. Plug in a USB drive (4 GB or more) and install installation files
- ▶ 3. Restart PC to be upgraded and boot from USB
- ▶ 4. In 1 to 2 hours Windows 10 will install
- ▶ 5. Make sure Windows 10 is activated using a valid product key

# Best Things About Windows 10

- ▶ It's \$\$\$ **FREE**, if you have a legal copy of Windows 7 or Windows 8 and 8.1
- ▶ It's an easy upgrade for Windows 7 or 8/8.1
- ▶ In fact Microsoft is virtually begging you to upgrade
- ▶ Why free?? Windows 7 is fine (now used by ~55 % of computers in world) but Windows 8/8.1 was not well received due to complex user interface; steep learning curve



# More Good Reasons

- ▶ Think of Windows 10 as Microsoft's way of making up for how they messed up with Windows 8 and 8.1
- ▶ Seems to be working so far. More than 200 million people have upgraded as of beginning of January 2016
- ▶ Many new computers, especially “2 in 1” laptops and tablets, have been tailored for Windows 10 features
- ▶ See models from H-P, Dell, Lenovo, Toshiba, Asus, Acer, even Microsoft itself



# Top Features in Windows 10

- ▶ 1. Start Menu, greatly enhanced, is back and works very well
- ▶ Generally works like Windows 7 Start menu but much more customizable
- ▶ If you like Windows 8 you can make Windows 10 work like it does (just enable tablet mode in Settings)
  - ▶ Right side contains programs you select from All Apps (just consider it your Favorite apps)
  - ▶ Some programs have “Live Tiles” which update constantly, like weather, stocks, scores (but can be turned off if too annoying)





# Start Menu Continued

- ▶ You can group programs logically, such as Fun Stuff, Productivity, Music, etc.
- ▶ Left side contains Settings, Power, All Apps and other categories you choose
- ▶ Taskbar at bottom should be reserved for the programs you use most (I call them Super Favorites)



# Has New Internet Browser Called Edge

- ▶ 2. Microsoft Edge browser replaces aging and outdated Internet Explorer which has been around since 1995, when internet browsing started
  - ▶ Internet Explorer is still available but mostly for companies who have modified it for their custom applications
  - ▶ Microsoft wants Edge to be clean, upgradeable code and very fast; still being updated
  - ▶ So far some benchmarks usually show it to be as fast or slightly faster than Google Chrome or Mozilla Firefox



# Microsoft Edge Browser

- ▶ However, Edge does not yet support add-ons and extensions like Roboform (now promised for 2016 sometime)
- ▶ **If you like Google Chrome or Mozilla Firefox or even Internet Explorer 11, feel free to continue using them!!**
- ▶ **So far most people are sticking with Chrome or Firefox**
- ▶ Microsoft will give you rewards (\$\$\$) for using Edge and the Bing search engine



# More Reasons to Upgrade

- ▶ 3. Microsoft's Cortana Digital Assistant will help you find things, schedule appointments, enhance your life
  - ▶ Cortana is very much in the style of Apple's Siri and Google's Google Now
  - ▶ You can speak to Cortana and she will respond to your wishes
  - ▶ Right now Cortana appears to be at least on par with its competitors but the race will continue for years



# More Good Reasons

- ▶ 4. Microsoft Store greatly expanded, has updates and is easy to use; but you need a Microsoft account (easy to get)
- ▶ 5. Apps from store now run in Windows, like normal, resizable programs, not full screen like in Windows 8
- ▶ 6. Mail, Calendar, Photos mostly better
- ▶ 7. Upgrades are automatic. For 10 Years!!
- ▶ 8. Task View makes multitasking easy
- ▶ 9. Snap Assist lets two apps share screen



# Top Reasons to Upgrade to Windows 10

- ▶ 10. Virtual Desktops are pretty easy to set up
- ▶ 11. Action Center (Notifications)
- ▶ 12. Windows Hello (with fingerprint reader or high resolution webcam; not widely available due to cameras required)
- ▶ 13. Universal Apps, run on computers, tablets, phones
- ▶ 14. Settings App (and Control Panel)
- ▶ 15. File History easy to use; plus older Windows 7 Backup



# Top Reasons to Upgrade to Windows 10

- ▶ 16. “Reset this PC” one of several ways to fix computer; can do partial or full recovery
  - ▶ You also have 30 days to go back to Windows 7 or 8
- ▶ 17. Small OS footprint so runs on smaller drives (SSD); full 64-bit installation in a 20 GB partition
- ▶ 18. With November 2015 update you can select other locations to install programs, documents, photos, etc.



# Top Reasons to Upgrade to Windows 10

- ▶ 19. Better OneDrive integration (free cloud storage from Microsoft)
- ▶ 20. Better File Explorer; includes Tool Bar and Quick Access





# More Features in November 2015 Update

- ▶ 21. Let Windows manage the default printer; so much easier if you have multiple locations and printers. Makes the last printer used the default.
- ▶ 22. Windows 10 now automatically changes Time Zones, just like your phone!
- ▶ 23. There is a new “Find my Device” setup in which periodically the software records your location so you can use this to help locate a lost or stolen device
- ▶ 24. If you need more tiles on your start screen, now there is a setting for that

# More Stuff

- ▶ 25. Enhanced and updated Privacy Settings
- ▶ 26. Passwords and settings are automatically synchronized in Microsoft Edge among multiple computers
- ▶ 27. New versions of Skype are available from Microsoft store; you can continue to use the original desktop version

# Reasons NOT to Upgrade to Windows 10

- ▶ 1. Media Center (not Media Player) is not supported
- ▶ 2. DVD Player (from Microsoft) must be purchased for \$14.99
- ▶ 3. Movie Maker is not supported but seems to work
- ▶ 4. Windows 7 is used by 50+% of world, generally happy campers
- ▶ 5. Still being “polished” with upgrades
- ▶ 6. Upgrades for home users are totally automatic, you can't control



# Conclusions on Windows 10

- ▶ Pretty easy, FREE upgrade from Windows 7 and 8
- ▶ A smart upgrade if you are using Windows 8 and 8.1, with much less complexity, more logical menus, no “hidden” controls like Charms
- ▶ If you are using Windows 7 the decision is not so easy
  - ▶ Maybe yes, maybe no, maybe later in the cycle
  - ▶ You have until next July 2016 to get free upgrade

