

October 2015



The Next General Meeting of CCCGC will be **October 6, 2015**



# Charlotte Bytes

## Editor

### A Yvette Pilch

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Official Publication of the Charlotte County Computer Group Corp.  
PROMOTING COMPUTER LITERACY AND EDUCATION IN CHARLOTTE COUNTY

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October is here and Halloween is just around the corner, but the scariest thing around right now seems to be Windows 10.

I suppose I shouldn't really say it's scary, but many people are very wary of it. They shouldn't be. Most techs that I have come in contact with think it's the best Windows system Microsoft has ever made. It is different but not as different as you might think. It has the best features of windows 7 and Windows 8.1 in one package along with many new features.

It does require some learning but not that much. Most Windows 7 and Windows 8.1 users will not have a problem with it. And the best feature is that it's free. If you are now running Windows 7 or windows 8.1 you are eligible to upgrade. My advice is to download it and install it. If you need help we are here for you. You won't be sorry.

Have A Happy Halloween.

We are in desperate need of **Keyboards, Keyboards, Keyboards!!!!**

If you find that you have an extra hanging around, please donate it. We thank you for any donations you can make.

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# Charlotte Bytes

## COMPUTER DRAWING

Richard Driscoll is a repeat winner. He was a drawing winner on the same night. It only takes one ticket to win one of these machines. Better luck next time.



## 50/50 WINNER

Shari McNemar jumped up and confirmed she was the winner showing her ticket was the correct number. Congratulations. Next time maybe it could be YOU. Get your tickets early so you don't get side tracked and forget.



## DOOR PRIZE WINNERS



- Left To Right**
- Richard Driscoll
  - George Krause
  - Norma Van Deventer
  - Liz Fry
  - William Keller

## WELCOME

## New Members

Charles Kalbfeld	Martha LaFoy	Jim McCord
Richard Meckling	Theresa Meckling	David Blessing
Gerard Breault	Ronald Meier	Cecil Johnson
Susan Leroux	Norma Lynch	Grace Macri
Mariilu Simmons	Albert Spencer	Seth Taylor
Andrew Benkoczy	Rosemary Charlton	Barbara Hendricks
Elizabeth Skinner	John Ventrella	

The Executive Board and Members of CCCGC welcome each of you to the group. We're Here To Help. Membership Has Its Privileges.

If you have any questions, concerns or need computer help, please contact us at the office. We will endeavor to help you any way we can.

### Program High-Lights

#### ONE DRIVE - CLOUD STORAGE as presented by Scott Baty

To talk about One Drive, first have to start with the basics. A Microsoft Account and password is necessary. If you don't remember your password, Microsoft will put you thru a procedure to reestablish your account. They will ask you for a phone number or e-mail address. Microsoft will send an e-mail or will send a computer call to your phone and give you a temporary password for you to log into your account. Microsoft Account was established on OS Windows 8, 8.1 and 10. Your account was likely set up with Outlook, Live, MSN, or a Hot-mail address. When you set up a Microsoft account, you also get a Skype account since Microsoft owns it.

One Drive is an ONLINE STORAGE program. You connect through the internet, i.e. your phone, Ipad, PC etc. The display might be a little different due to the size of the screen.

When files are uploaded to the cloud, a common folder stores all your files and pictures and you can access them from anywhere at anytime, as long as you know your Microsoft Account, password and have access to the internet.

If your computer crashes, you will have access to these records. One Drive office is free when using Office online. Documents are very similar to Microsoft Office. You can download them to your desktop as well. While it isn't exactly Microsoft Word, PowerPoint or Excel they have many of the features of MS Office and will handle your needs. You don't have to purchase Microsoft Office for your PC.

A document can be edited and shared with anyone you wish to. You can upload pictures to your One Drive and then offer these photos to family or friends by sending them a link so they can view the pictures. The recipient may download these pictures to their computer for future use. This is faster than burning them to a disc and mailing the disc.

As always, visit our website, CCCGC.info and look to the upper right for the link to the power point of this discussion.

**Sorry, pictures of group did not come out.**

**DON'T FORGET THE SERVICE DEPT NEEDS KEYBOARDS, KEYBOARDS, KEYBOARDS DESPERATELY!!**

**IF YOU HAVE EVEN ONE EXTRA YOU CAN PART WITH WILL BE HAPPY TO TAKE IT.**



**Microsoft**  
**REGISTERED**  
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**October 6, Meeting**

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Articles in the Bytes are courtesy of the following Tech Sites



**makeuseof**

[Into Windows](#)



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## Charlotte Bytes



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### iTunes Is Illegal In the UK



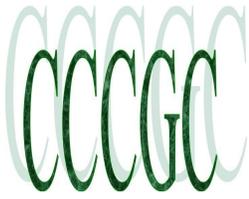
Using iTunes is now illegal in the UK, with the current copyright laws turning almost everyone into a criminal. Copying copyrighted content for personal use was actually illegal in the UK until 2014, when the government legalized an activity already undertaken by most people.

Unfortunately, several organizations looking after the welfare of musicians — including the Musicians' Union and UK Music — weren't happy with the change in the law, and applied for a judicial review. They got it, and the changes to the law have now been overturned.

This means that copying the music from a CD you have bought onto an MP3 player is now illegal. Which is a feature built into iTunes, Windows Media Player, and countless other pieces of software. All of which are now, by the letter of the law, assisting people in criminal behavior.

A government spokesperson told TorrentFreak, "It is now unlawful to make private copies of copyright works you own, without permission from the copyright holder — this includes format shifting from one medium to another."

So perhaps we should bombard music labels with such requests until they join us in the 21st century.



## What the MakeUseOf Team Thinks of Windows 10



Windows 10 arrived on July 29 and has received rave reviews across much of the tech-sphere. And it is understandably so because Microsoft did two basic things well: a serious period of soul searching following Windows 8, and an extended, inclusive testing period.

Oh, and they changed their management structure, and have a new(ish) company ethos based on universal productivity.

Windows 10 is a big deal. It is the latest and greatest in the long running Microsoft operating system line, and Redmond has actively touted this to be their last large OS release. It is a chance for Microsoft to regain some lost ground to some of its major competitors, and a chance to lure back some of the consumers lost in the period.

Instead of a single author listing off the bits they like and love about the new operating system, we thought our readers deserved a better, egalitarian approach, and gave our authors the opportunity to contribute with their own Windows 10 experience or perception.

**So here we go: the MUO Windows 10 Opinion piece.**

### Tina Sieber: OneDrive Users Beware

I've been running Windows 10 since October last year, first the Technical Preview, then the Insider Preview, and now the release version. For me, Windows 10 was stable and usable from the very beginning. So much that I immediately made it my main operating system, something I never did for Windows 8. Every new build installed effortlessly and I never had to go back or start from scratch. While the preview builds did have bugs, none of them were devastating and the overall experience was smooth



Over those past months, Windows 10 has been going through a steady evolution and we can expect this development to continue. Windows 10 will never be finished. The first big update — Threshold 2, expected this fall — will add new features and hopefully remove any bugs that are still hanging around.

One group that has expressed great disappointment in Windows 10 were OneDrive users who fully embraced the “smart files” feature in Windows 8. It allowed them to see and access hundreds of gigabytes of data in the cloud from their desktop, while not burdening their local drive with more than empty placeholders. This feature was removed, but is expected to return with a future update, hopefully with Threshold 2. Until then, passionate OneDrive users should look into alternatives for smart files or delay the upgrade.

### Matthew Hughes: Golden Touch

So, I've been using Windows 10 in a pretty unusual way. Rather than on a standard laptop or desktop, I've been using it on a 7" keyboard-less tablet. It's been... surprisingly good.



First: Controversial opinion, Windows 8 was an abomination. It tried to compromise between being a tablet OS and a desktop OS, and failed at both. It was bad, and Microsoft should feel bad.

Windows 10 feels extremely touch-oriented. The buttons are bigger, and can be pressed even with my grotesque, vienna sausage fingers. The keyboard is vastly improved, with better access to special characters and a more efficient use of space. Gestures and hotspots are better thought out, and Edge runs amazingly on the low specs of the majority < \$100 Windows tablets.

Continued on page 7



## What the MakeUseOf Team Thinks of Windows 10

By focusing on design and user experience, Microsoft has built an operating system that's touch-oriented, but still feels amazingly natural on a desktop or laptop. That's pretty damn amazing.

But it's still Windows. Although the operating system is optimized, not all apps are. There's no consistent experience across apps, as there are on Windows Phone and iOS. It's a vast improvement, but there's still a long way to go.

At least it's got Candy Crush.

### Guy McDowell: No Need to Rush

Windows 10 is a nice blend of accommodating the way long time Windows users work and making things easier for people completely new to Windows. There is new functionality in it, and some things have disappeared or been significantly changed. The changes aren't enough to negatively affect most people's use of Windows, though.

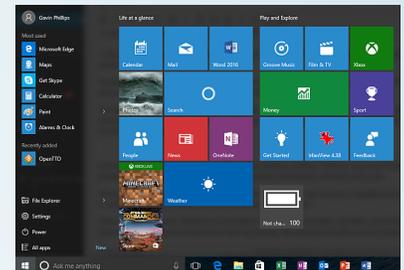
When asked about Windows 10, and I get asked a lot, my standard answer is, "If you have a computer that's working well and you're happy with the version of Windows you have on it, no need to upgrade. If you're going to buy a brand new Windows based computer, you might as well go with Windows 10. It won't be as much of a shock as Windows 8.

### Mihir Patkar: Curb Your Enthusiasm

I like Windows 10. As a free upgrade, I think everyone should install it. Hey, it's free, right? But there is nothing to get excited about here.

Windows 10 is a refinement of everything Windows has done in the past few years. To quote an oft-repeated phrase in technology today, it's an evolutionary step, not a revolutionary step.

The base operating system itself is solid. The preview has crashed on me far less number of times than previous versions. It generally works well, and I'm glad to see the Start menu back. It feels like the Windows desktop environment we all know.



### Windows 10 Start menu

And in many ways, Windows 10 is an evolution of the desktop. All those "Modern" apps from Windows 8 are now packaged as Universal apps which run within the desktop environment, and that's nice to see.

The new Edge browser is a non-starter for me. It has nothing on Google Chrome or Mozilla Firefox. Don't bother with it. And I like the idea of Cortana, but I don't see myself using it much.

When you boil it all down, Windows 10 is an improved desktop environment, and that's a good thing for someone who likes his PC to function how it has always been functioning. But nothing in Windows 10 is exciting, future-changing, or even present-changing in how you interact with your devices and technology, as a collective.

### Christian Cawley: Why Not to Upgrade Yet

Having lived with Windows 8 for the past 4 years (from evaluating the previews through to using the latest Windows 8.1) and seen how much it's evolved, I'm part excited, part dreading the arrival of Windows 10.

Continued on page 8



## What the MakeUseOf Team Thinks of Windows 10

### Christian Cawley: Why Not to Upgrade Yet

I'm excited because I think having Cortana on the desktop will be really useful for all kinds of users, but at the same time I'm reluctant to get too excited as I don't feel the UI is right for the voice assistant on a desktop computer, which feels like a direct port from Windows Phone 8, even occupying similar dimensions.

Similarly, I'm dreading Windows 10 because I'm not convinced that Microsoft has truly learned how to deal with the problems of Windows 8. Edge is a case in point: the browser looks clunky (and currently lacks extension support) and this is obviously to enhance its usability for touch users. But it still looks clunky. There's also the problem with Windows Explorer, which is barely possible to use without a mouse.

I'm excited by Continuum, I'm thrilled by the idea of a more touch-friendly Office and I'm intrigued to see how games can be streamed from an Xbox One. But I'm not upgrading to Windows 10 just yet. Technical issues installing it on my six month old laptop aside, I'm playing it safe and leaving Windows 10 in a virtual machine until I'm satisfied that the various bugs and missing features have been resolved, or announcements made to this effect.

I would also urge anyone reading this to think carefully about the upgrade, and hang fire... for now.

### Bruce Epper: Smooth Rollback

Despite taking about 30 minutes longer than expected, the upgrade of my Windows 7 Ultimate system to Windows 10 Pro went smoothly. Post-upgrade, I needed to have Norton Security contact the subscription servers again to get it working properly.

Even though I didn't use the Express Settings, I still went through all of the options that affect Microsoft's data collection to shut off everything I didn't absolutely need.

Then I went out and downloaded a few files of various sizes to see how well networking performed, which appears to be somewhat better than my original Windows 7 setup.

With everything seeming to work correctly, I started work on another article. While I was writing and pulling up a couple of Internet sources to verify what I was writing was correct, I suddenly lost Internet connectivity. I could still reach all of the machines on my network, but couldn't do anything on the Internet. Running the Network Troubleshooter resulted in the claim of a problem with my cable modem even though all other devices on my network had no problems accessing the Internet.

I verified that my network settings hadn't changed. I disabled my security software. I rebooted the machine several times. I still couldn't get to the Internet.

With no other options left for my most critical machine, I rolled back to Windows 7. About 45 minutes later, the system was back to my old operating system and everything working again.

The most surprising thing to me about the entire experience was how quickly the rollback happened and I haven't found anything that was broken in the process. I figured I would end up reinstalling at least some software once the rollback completed, but all of my day-to-day programs have been working flawlessly.

### Gavin Phillips: Opinions Roundup

Windows 10 is clearly a winner. But as with any new operating system, it has arrived with its fair share of errors and bugs. However, in comparison with Windows 8, it is a vastly cleaner, easier-to-access experience for consumers, focused on delivering immediately usable services. As well as this, Microsoft has time and experience on its side. Conclusion on page 20



# Charlotte Bytes



## How to Disable Bing in the Windows 10 Start Menu

Windows 10, by default, sends everything you search for in the Start Menu to their servers to give you results from Bing search — so you better make sure that you don't type anything private into your own PC's Start Menu. Or, you could just disable the Bing integration in the Start Menu.

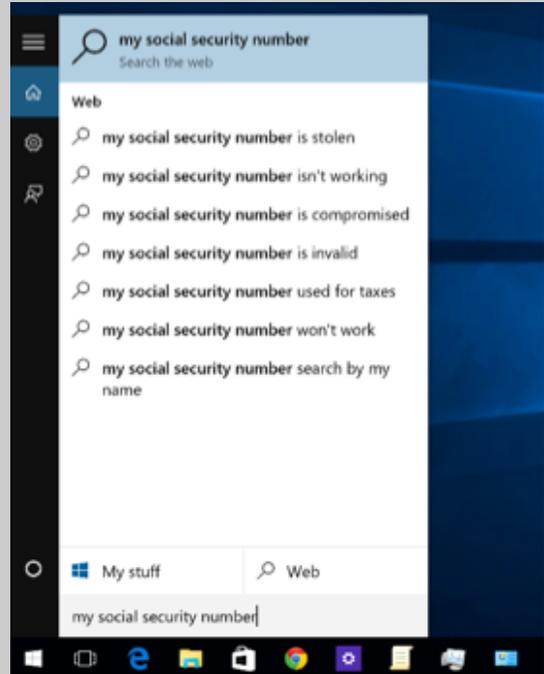
### RELATED ARTICLE

#### How to Hide the Cortana Search Box on the Windows 10 Taskbar

One of the most talked about features in the latest version of Windows 10 was the Cortana personal assistant that... [Read Article] <http://www.howtogeek.com/208276/how-to-hide-the-cortana-search-box-on-the-windows-10-taskbar/>

It's worth noting that Android's default search and even iOS will also send your search results to their servers to try and get more relevant results — but somehow it seems different when you're on your personal computer in your house trying to search through your personal files.

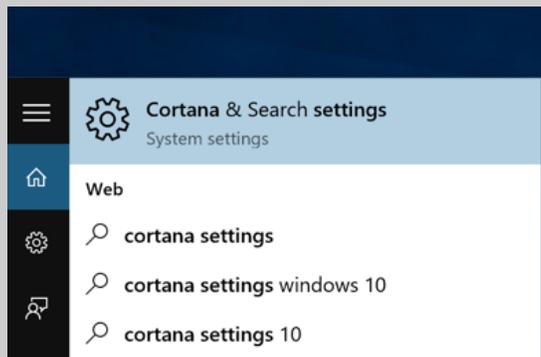
We're definitely glad that they included a way to easily disable the web integration — it's just worth noting that if you want to use Cortana, you don't have any choice in whether the Start Menu uses Bing, so you're going to have to disable Cortana to disable the web integration.



#### How to Disable Bing Integration in the Start Menu

Luckily Bing is really easy to disable, and you'll just need to get to the Cortana search settings screen — the easiest way to do this is to type "cortana settings" into the Start Menu and choose the "Cortana & Search settings" item.

This will bring up the settings dialog, which is going to look different depending on whether you've already disabled Cortana or not.



If you want to disable the Bing integration, you're going to also have to disable Cortana — so flip that switch to Off.

Now that you've disabled Cortana, the rest of the dialog will change and

you'll see an option for "Search online and include web results", which you are going to want to disable as well — this is how you actually disable Bing from the Start Menu.





# Charlotte Bytes

## How To Make Windows 10 Start Menu Open Faster

## Into Windows



admin Updated on Aug 21st, 2015

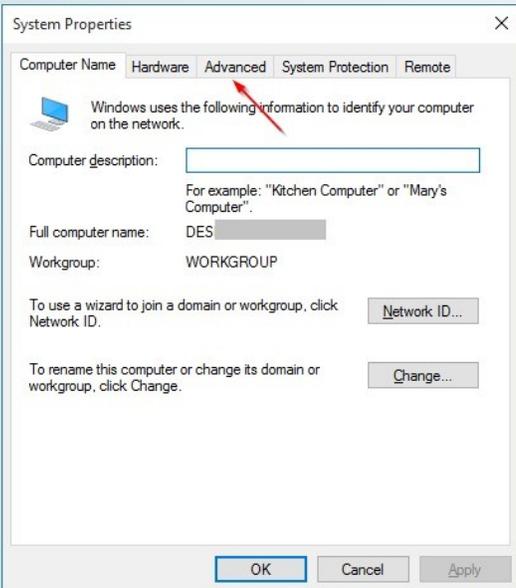
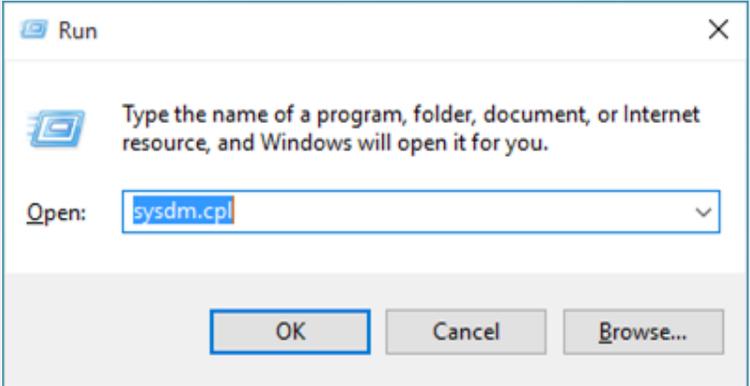
Microsoft introduced a close to perfect Start menu in Windows 10. The new Start menu comprises best features of Windows 7's Start menu as well as new features introduced with the previously launched Windows 8/8.1.

The Start menu in Windows 10 is not just to launch programs apps

and search your PC, it's also capable of searching the web right from the desktop. Besides that, you can enable live tiles for apps (only apps that support the feature) on the Start screen to view information in real time.

Although the Start menu is close to perfect and is definitely better than its predecessors, a number of users have complaints about this new feature.

Ever since the release of Windows 10, we have seen a number of users complaining that the new Start menu is a bit slower compared to the Start menu in previous versions of Windows. Many users want to see the Start menu as soon as they click the Start button or press Windows logo key on the keyboard, without any delay.



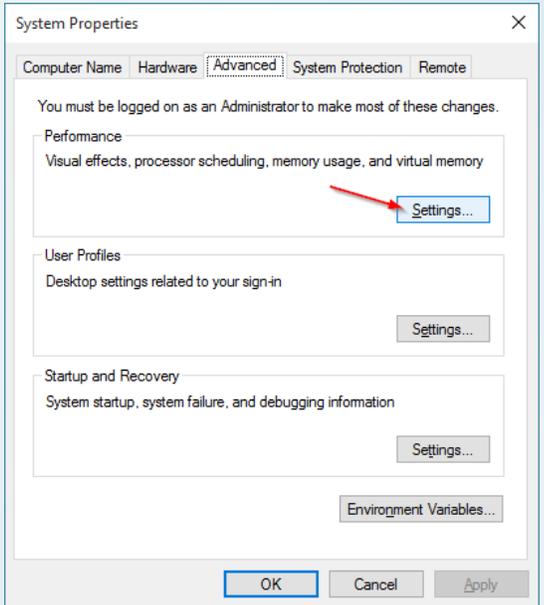
### Make Start Menu Launch Faster in Windows 10

So, here is how to make Start menu faster in Windows 10 by disabling an animation.

Step 1: Simultaneously press Windows logo and R keys to open up the Run command box.

Step 2: In the Run command box, type Sysdm.cpl and then press Enter key to open System Properties dialog.

Step 3: From the default General tab, switch to the Advanced tab by clicking the



same.

Step 4: Here, under Performance section, click Settings button to open Performance Options dialog.

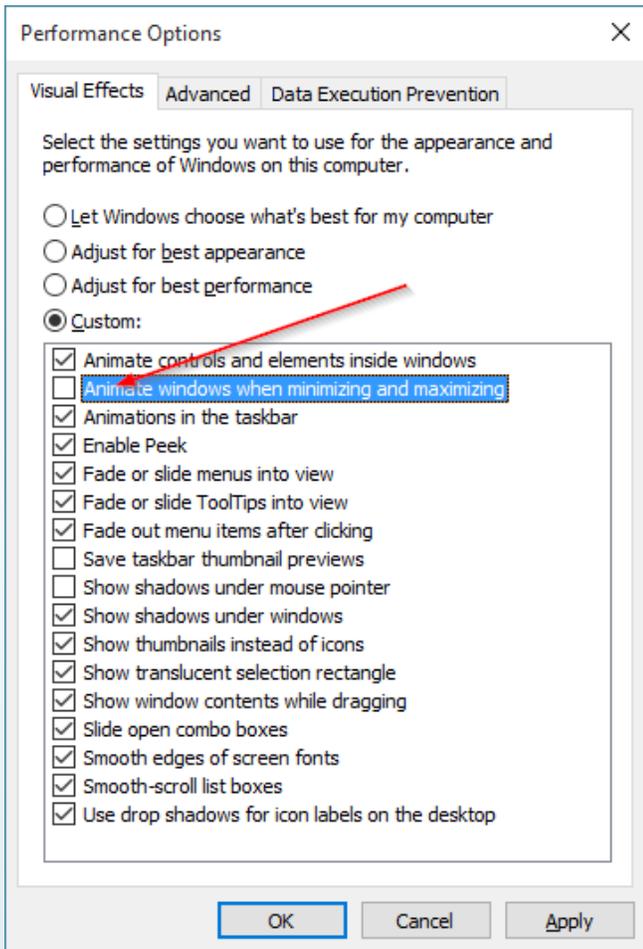
Conclusion on page 11



# Charlotte Bytes

## Into Windows

### How To Make Windows 10 Start Menu Open Faster



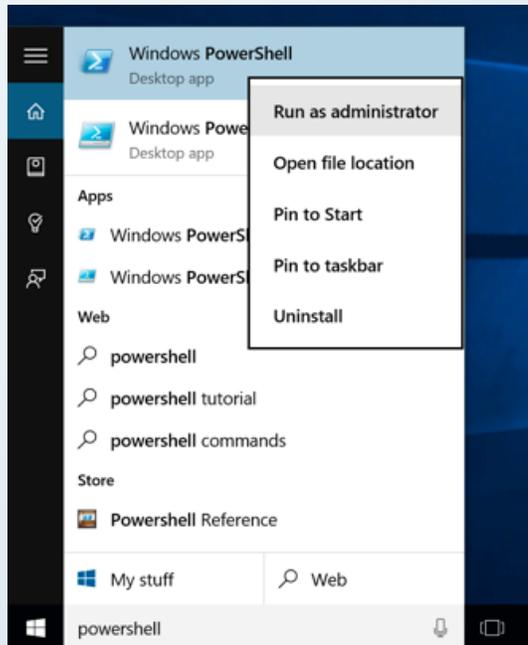
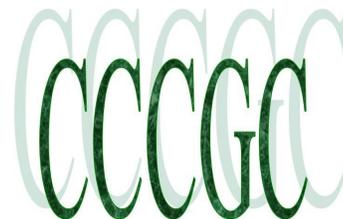
Step 5: Under the Visual Effects tab, you will see list of visual effects for various Windows features. To make the Start menu open faster, uncheck the option titled Animate windows when minimizing and maximizing, and then click Apply button.

Click the Start button or press the Windows logo key to see the faster Start menu!

Needless to say, once you disable the above mentioned animation, you will not see any animation while minimizing and maximizing windows. All other animations will continue to work without any issues.

And if you're still feel that the Start menu is slower, have a look at Classic Shell Start menu for Windows 10.

<http://www.intowindows.com/classic-shell-for-windows-10/>



## How to Uninstall Windows 10's Built-in Apps (and How to Reinstall Them)

### Uninstall the App Normally

Some apps allow you to uninstall them in the normal way. Just right-click an app in the All Apps list in the Start menu and select "Uninstall". (On a touch screen, long-press the app instead of right-clicking.)

All Apps" view in the new Start menu. You can uninstall them, but Microsoft doesn't allow you to easily uninstall them in the usual way.

You probably don't want to do this. These apps take up very little space on your device so it's best to just ignore them if you don't want to use them. But, if you really want to uninstall them, you can. If you've already uninstalled included apps, you can get them all back with a single command.

This trick appears to work for the included Get Office, Get Skype, Get Started, Microsoft Solitaire Collection, Money, News, Phone Companion, and Sports apps. You can also uninstall [bloatware apps your PC manufacturer has installed](#) using this trick. However, Microsoft's other included Windows 10 apps can't be

removed in this way.

You can uninstall most of the built-in apps — even ones that don't normally offer an "Uninstall" option — with a PowerShell cmdlet. This trick won't allow you to remove a few of the most important built-in apps, including Cortana and Microsoft Edge. If you try, you'll see an error message saying they can't be removed.

First, open PowerShell as administrator. Open the Start menu, search for "PowerShell," right-click the PowerShell shortcut, and select "Run as administrator." Agree to the UAC prompt.

Copy and paste one or more of the following commands into the PowerShell prompt, pressing Enter after each one to remove the apps you don't want on your Windows 10 system:

#### Uninstall 3D Builder:

`Get-AppxPackage *3dbuilder* | Remove-AppxPackage`

#### Uninstall Alarms and Clock:

`Get-AppxPackage *windowsalarms* | Remove-AppxPackage`

#### Uninstall Calculator:

`Get-AppxPackage *windowscalculator* | Remove-AppxPackage`

#### Uninstall Calendar and Mail:

`Get-AppxPackage *windowscommunicationsapps* | Remove-AppxPackage`

#### Uninstall Camera:

`Get-AppxPackage *windowscamera* | Remove-AppxPackage`

Continued on page 13



### How to Uninstall Windows 10's Built-in Apps (and How to Reinstall Them)

#### Uninstall Contact Support:

This app can't be removed.

#### Uninstall Cortana:

This app can't be removed.

#### Uninstall Get Office:

[Get-AppxPackage \\*officehub\\* | Remove-AppxPackage](#)

#### Uninstall Get Skype:

[Get-AppxPackage \\*skypeapp\\* | Remove-AppxPackage](#)

#### Uninstall Get Started:

[Get-AppxPackage \\*getstarted\\* | Remove-AppxPackage](#)

#### Uninstall Groove Music:

[Get-AppxPackage \\*zunemusic\\* | Remove-AppxPackage](#)

#### Uninstall Maps:

[Get-AppxPackage \\*windowsmaps\\* | Remove-AppxPackage](#)

#### Uninstall Microsoft Edge:

This app can't be removed.

#### Uninstall Microsoft Solitaire Collection:

[Get-AppxPackage \\*solitairecollection\\* | Remove-AppxPackage](#)

#### Uninstall Money:

[Get-AppxPackage \\*bingfinance\\* | Remove-AppxPackage](#)

#### Uninstall Movies & TV:

[Get-AppxPackage \\*zunevideo\\* | Remove-AppxPackage](#)

#### Uninstall News:

[Get-AppxPackage \\*bingnews\\* | Remove-AppxPackage](#)

#### Uninstall OneNote:

[Get-AppxPackage \\*onenote\\* | Remove-AppxPackage](#)

#### Uninstall People:

[Get-AppxPackage \\*people\\* | Remove-AppxPackage](#)

#### Uninstall Phone Companion:

[Get-AppxPackage \\*windowsphone\\* | Remove-AppxPackage](#)

#### Uninstall Photos:

[Get-AppxPackage \\*photos\\* | Remove-AppxPackage](#)

#### Uninstall Store:

[Get-AppxPackage \\*windowsstore\\* | Remove-AppxPackage](#)

#### Uninstall Sports:

[Get-AppxPackage \\*bingsports\\* | Remove-AppxPackage](#)

#### Uninstall Voice Recorder:

[Get-AppxPackage \\*soundrecorder\\* | Remove-AppxPackage](#)

#### Uninstall Weather:

[Get-AppxPackage \\*bingweather\\* | Remove-AppxPackage](#)

#### Uninstall Windows Feedback:

This app can't be removed.

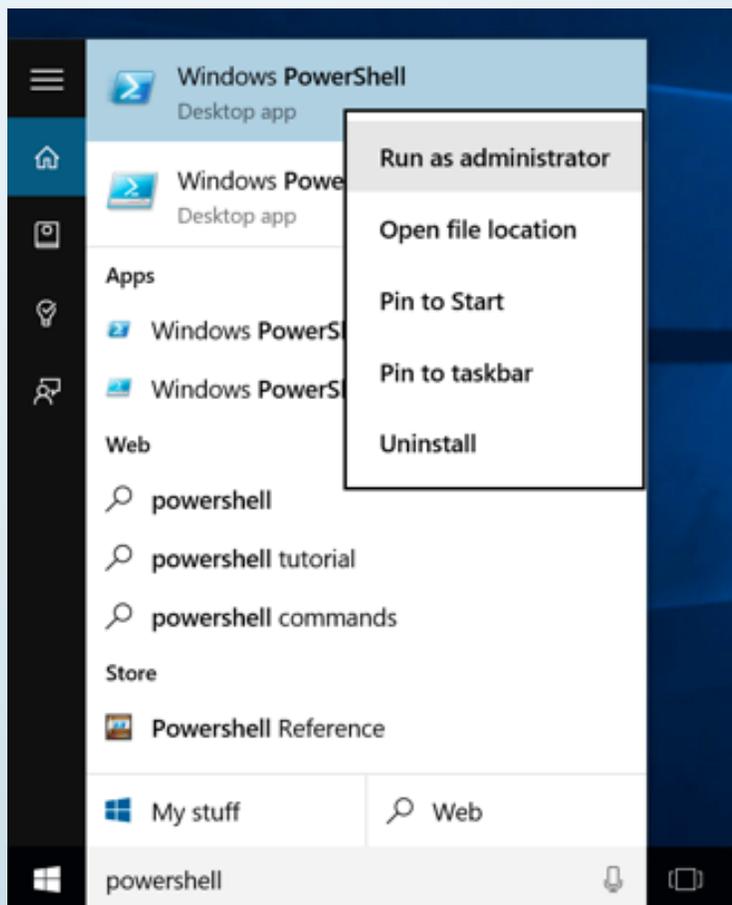
#### Uninstall Xbox:

[Get-AppxPackage \\*xboxapp\\* | Remove-AppxPackage](#)



### How to Uninstall Windows 10's Built-in Apps (and How to Reinstall Them)

#### How to Reinstall All Built-in Apps



If you decide you want the preinstalled apps back, you can get them back with a single line of PowerShell code. Again, open a PowerShell window as Administrator. Copy and paste the following line into the PowerShell window and press Enter:

```
Get-AppxPackage -AllUsers | ForEach {Add-AppxPackage -DisableDevelopmentMode -Register "$($_.InstallLocation)\AppXManifest.xml"}
```

This tells Windows to install those default apps again. Give it some time and allow it to finish, even if nothing appears to happen at first. Even if you see an error message, restart and examine your Start menu — you may just have all those default apps back again, anyway.

Chris Hoffman is a technology writer and all-around computer geek. He's as at home using the Linux terminal as he is digging into the Windows registry. Connect with him on Google+.

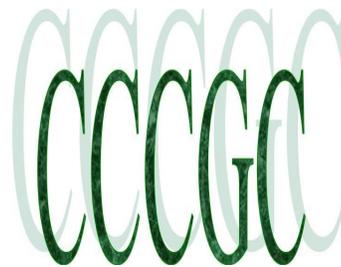
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# Charlotte Bytes



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## How to Stop Windows 10 From Uploading Updates to Other PCs Over the Internet

### Windows 10 includes a new peer-to-peer

download feature for updates and Windows Store apps. By default, Windows will automatically use your PC's Internet connection to upload updates, hiding the option to disable this five clicks deep in the operating system.



You can continue to use peer-to-peer updates on your local network, but you may not want to waste upload bandwidth to help reduce Microsoft's bandwidth bills. This is especially true if you have data caps on your Internet connection.

**(Peer-to-peer (P2P) computing or networking is a distributed application architecture that partitions tasks or work loads between peers. Peers are equally privileged, equipotent participants in the application. They are said to form a peer-to-peer network of nodes.**

**Peers make a portion of their resources, such as processing power, disk storage or network bandwidth, directly available to other network participants, without the need for central coordination by servers or stable hosts.[1] Peers are both suppliers and consumers of resources, in contrast to the traditional client-server model in which the consumption and supply of resources is divided. Emerging collaborative P2P systems are going beyond the era of peers doing similar things while sharing resources, and are looking for diverse peers that can bring in unique resources and capabilities to a virtual community thereby empowering it to engage in greater tasks beyond those that can be accomplished by individual peers, yet that are beneficial to all the peers.)**

### Disable the Uploads

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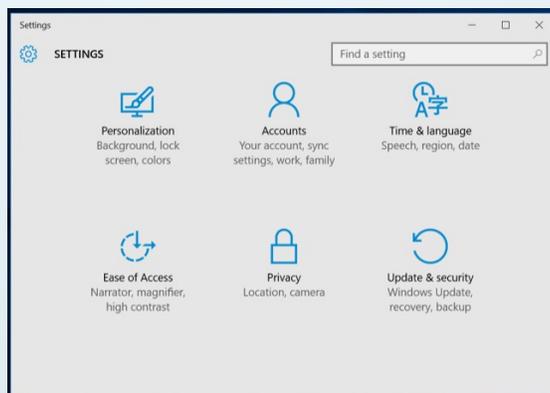
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You'll find this setting where all the other Windows Update settings now exist, in the Settings app. Open it by clicking the Start button and selecting "Settings" at the bottom-left corner of the Start menu.

In the Settings window that appears, click (or tap) the "Update & security" icon

Click the "Advanced options" option at the bottom of the Windows Update pane.



Continued on page 16



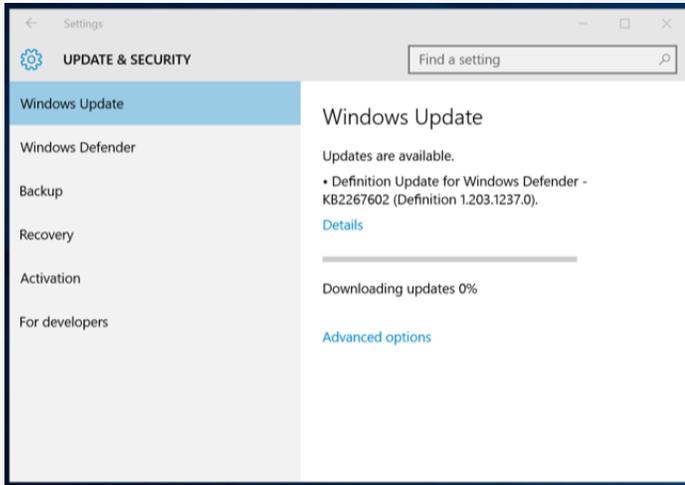
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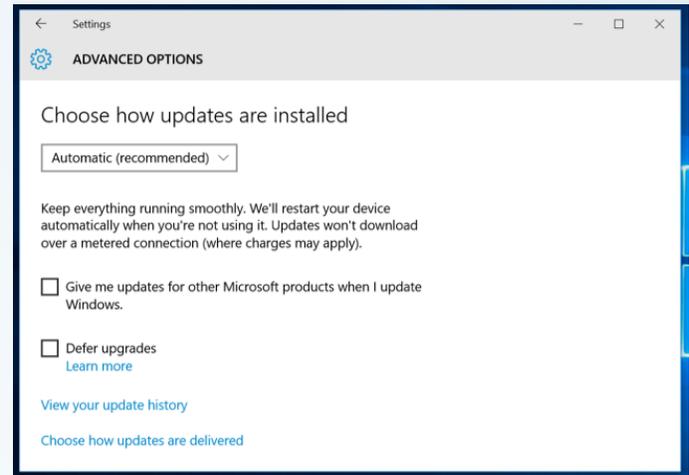
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## How to Stop Windows 10 From Uploading Updates to Other PCs Over the Internet

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Scroll down to the bottom of this pane again and select “Choose how updates are delivered.”

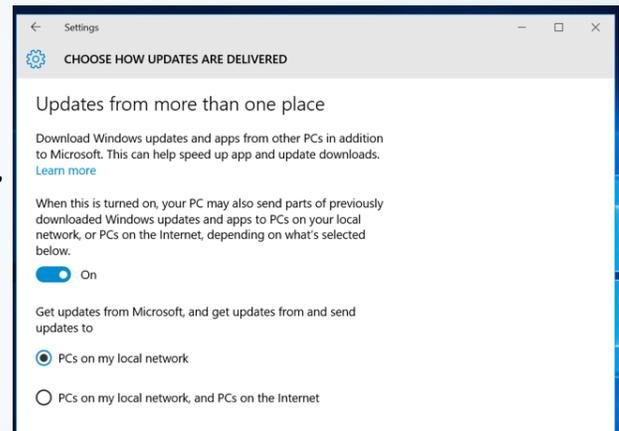


Select the option you prefer under “Updates from more than one place.” **We recommend just selecting “PCs on my local network” here.**

**Off:** This disables the peer-to-peer update feature entirely. Updates will only be downloaded from Microsoft’s servers, and won’t be uploaded to anywhere.

**PCs on my local network:** This is the best option. With this enabled, you’ll benefit from peer-to-peer updates on your home or work network. This means faster downloads and less download bandwidth used. You’ll only have to download the updates once and they’ll be shared amongst all your PCs. Your PC will never upload updates over the Internet.

**PCs on my local network, and PCs on the Internet:** This option is the default, although it probably shouldn’t be. With this enabled, Windows 10 will upload updates from your PC to other computers over the Internet. These computers would normally just download updates from Microsoft, but Microsoft will save on bandwidth because they’re getting some updates from your Internet connection.



### You Can Also Set Your Connection as Metered

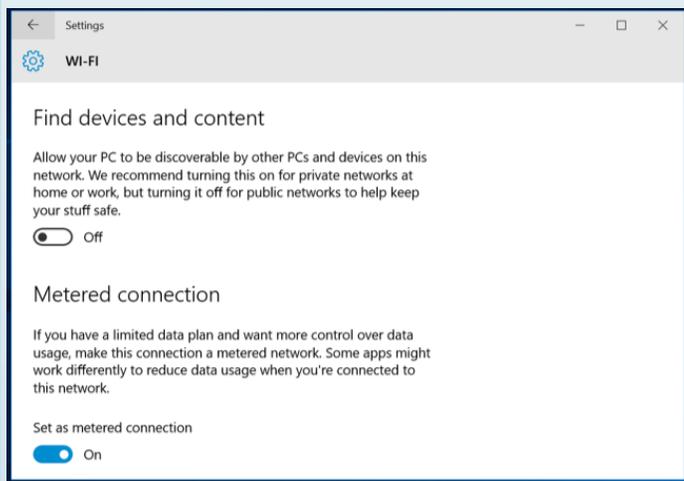
You could also set your current Wi-Fi connection as “metered.” When you set a connection as metered, you’re telling Windows it’s a connection with restricted data — such as a mobile data connection or a Wi-Fi hotspot from a smartphone you’re tethered to. Windows won’t upload updates on a metered connection — it won’t even automatically download Windows updates. <http://www.howtogeek.com/213329/how-to-share-your-smartphones-internet-connection-hotspots-and-tethering-explained/>

To set your current Wi-Fi network as a metered connection, open the Settings app and navigate to Network & Internet > Wi-Fi > Advanced options. Activate the toggle under “Set as metered connection.” The current Wi-Fi network will become a metered connection.

This isn’t necessary if you’ve already disabled peer-to-peer updates in general. It will also prevent your Windows 10 PC from sharing updates with other computers on the same local network.

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## How to Stop Windows 10 From Uploading Updates to Other PCs Over the Internet



### Peer-to-Peer Updates Explained



#### RELATED ARTICLE

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Peer-to-peer updates are actually a great feature — on your local network. Download the update once and all your computer can share it. Bandwidth on your local network should be plentiful.

This actually saves you both time and reduces how much data you have to download, as you won't have to download the updates five times if you have five Windows 10 PCs at home.

Microsoft acquired Pando Networks back in 2013. Pando Networks was a peer-to-peer media distribution company, and used a modified form of BitTorrent to distribute data. It hasn't been confirmed, but Microsoft-watchers believe Windows 10's peer-to-peer downloads are based on this technology. As with BitTorrent, Microsoft states "the download is broken down into smaller parts" and "Windows uses the fastest, most reliable download source for each part of the file." In BitTorrent parlance, Windows 10 is "seeding" updates on your PC's Internet connection with the default setting.

Windows 10 isn't the first software product to play this game. A variety of PC game companies, notably Blizzard Entertainment, distribute games and patches with a peer-to-peer downloader that uses BitTorrent in the background to speed up downloads, sharing your Internet connection with other people downloading. However, these are generally more conspicuous — it isn't a hidden feature enabled in the background that's always running.

If Microsoft's servers are being slammed, the distributed nature of the updates can ensure they reach more people faster. This will also help Microsoft save on bandwidth bills, as they're passing on some of the upload bandwidth they'd need to pay for to their customers' Internet connections.

According to Microsoft, this feature is named "Windows Update Delivery Optimization." Microsoft says it also uses your computer's Internet connection to upload universal apps you've downloaded to other PCs over the Internet, so it isn't just about Windows updates. This isn't made clear in the Settings app itself, but only on Microsoft's website.

For more information, consult the official Windows Update Delivery Optimization FAQ on Microsoft's website.

Image Credit: John Trainor on Flickr



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## How to Opt Out of Personalized Ads on Any Smartphone, Tablet, or PC

Modern mobile operating systems — Apple’s iOS, Google’s Android, and Microsoft’s Windows 10 — all provide a unique advertising identifier to apps you use. Apps use this identifier to track your interests and provide personalized

ads.

If you’d rather not see personalized ads in apps, all operating systems provide a way to disable — or just reset — your identifier. You’ll still see ads, they just won’t be personalized. These settings are just for apps, not websites in your browser.

### What This Does (and What This Doesn’t Do)

This doesn’t disable in-app ads, or reduce the number of ads you’ll see. Instead, it disables access to a tracking feature that normally allows ad networks to track your usage across apps. This is used to build up a personalized ad profile about you and serve targeted ads.

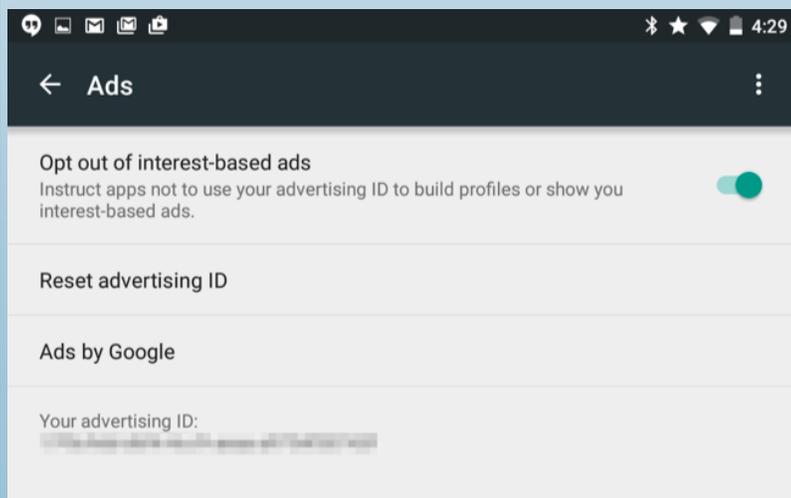
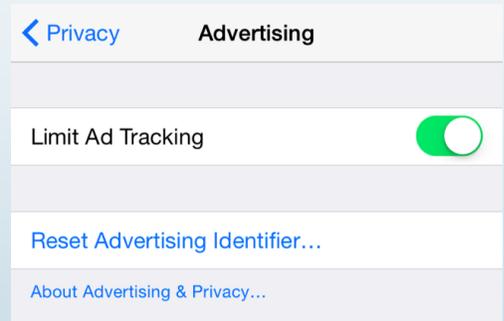
With this feature disabled, you won’t see ads specifically targeted to you based on other apps you were using. For example, if you’re shopping for a product in App A, you won’t see ads for that type of product in App B. You will see ads for that type of product in App A, however — this just prevents cross-app ad-tracking.

### iPhone & iPad

Apple introduced this option in iOS 6. Previously, ads relied on a unique device identifier to track your device — always. Now, they rely on an ad-tracking identifier you can disable or reset. This affects the in-app ads provided by Apple’s iAd network.

To change this setting, open the Settings app, select the Privacy category, and tap the Advertising option at the bottom of the screen. Activate the “Limit Ad Tracking” option to disable interest-based ads or tap “Reset Advertising Identifier” if you’d like to continue seeing interest-based ads in the future but wipe your existing profile.

You can also disable location-based ads, if you like. Open the Settings screen, select the Privacy category, and tap Location Services. Tap the “System Services” option at the bottom of the list and disable “Location-based iAds.”



### Android

There’s a setting that does the same thing on Android phones and tablets, too. It works similarly to the feature on iOS. Rather than using a unique, unchangeable identifier to identify your device, it uses an “anonymous” ID that can be reset or disabled.

This option is found in the Google Settings app Google quietly added to devices via Google Play Services back in 2013, so you should have it on your device.

Open your app drawer and launch the Google Setting app. Tap “Ads” under Services and enable the “Opt out of interest-based ads” option. You can also reset your advertising ID from here by tapping “Reset advertising ID”.



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## How to Opt Out of Personalized Ads on Any Smartphone, Tablet, or PC



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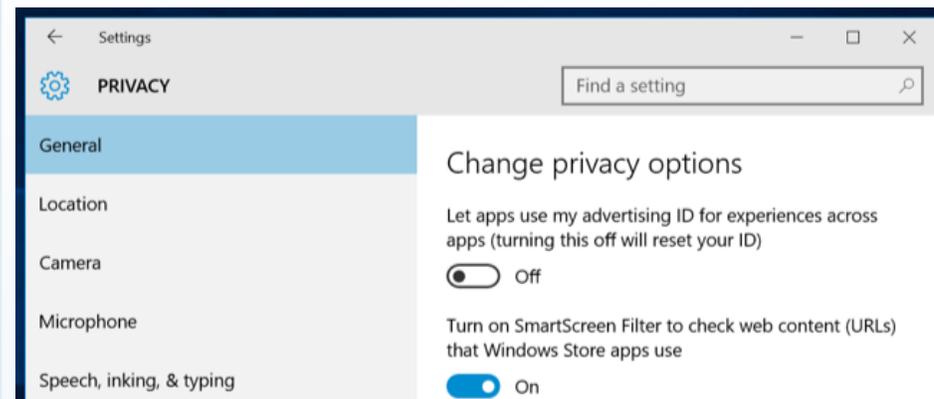
### Windows 10

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Windows 10 has a similar setting for its apps and their ads. You'll find this particular setting in the Settings app. Open the Start menu, click Settings, and select the Privacy category. At the top of the General pane, you'll see a "Let apps use my advertising ID for experiences across apps (turning this off will reset your ID)" option. Disable this setting to disable those personalized ads. To reset your ID, just disable the setting and reenable it.



This setting only affects those new "universal apps" you get from the Windows Store. It won't affect any traditional Windows desktop apps that use advertising — Microsoft's own Skype desktop program, for example. This setting should be in the same place on Windows 10 phones.

### The Web

There's no similar setting for traditional Windows desktop programs, Mac software, or Linux applications. Instead, you'll generally get those interest-based ads from within your web browser.

Advertising networks track you in a variety of ways, including by asking your web browser to store cookies and tying your activity to an account you stay logged in with on different services.

A variety of websites and ad networks do provide some control over whether you see those interest-based ads on the web. For example, Google offers pages where you can control interest-based ads when signed into Google, and when not signed into Google. There are other opt-out tools, like the Digital Advertising Alliance Consumer Choice page and the Ad Choices page for European users. Other ad networks and services may have their own options for controlling this.

This is a scattershot approach necessitated because the "Do Not Track" option integrated into modern browsers is largely ignored. You could also just clear your cookies every time you close your web browser. You'd have to log into websites you use over and over, but no data would be built up over time — unless it's account-based data and you always log back into the same websites.

Of course, whether personalized, interest-based ads are actually a problem is a matter of some disagreement. This does ensure you'll see ads that are targeted to you, at least theoretically — you won't see ads for diapers if you're not a parent, for example. In practice, some people do find them "creepy" — whether you want to see them is up to you.



# Charlotte Bytes



## What the MakeUseOf Team Thinks of Windows 10

Conclusion from page 8

Windows 8 was released at a time when tablets, while popular, were not as widely used. Windows 8 landed as an operating system designed for devices consumers didn't have, and certainly didn't appreciate being pushed towards. Microsoft looks to have acknowledged the error of their ways, learning from the flaws.

Windows 10 comes with a new look, a new browser, new universal apps. It is a fast, modern operating system with excellent search features, a nice shiny new settings panel, and with the promise of an evolving Cortana. The Threshold 2 update arrives in October, bringing with it a slew of features, updates, optimizations, operating system stabilizations, and very importantly, extensions for the Edge browser.

Windows 10 also comes with a somewhat hefty price attached if you're not receiving a free upgrade, coming in at roughly \$100 depending on your retailer. We are also waiting to see just how many developers are going to jump aboard the universal apps train, despite how useful they are to you and I. Microsoft is caught in a bind: they need more users to encourage app developers to the platform, while they need the apps to lure the users. Will the promise of a free upgrade keep the download counter ticking, or will the initial surge slowly die? Either way, it's a numbers game for Microsoft.

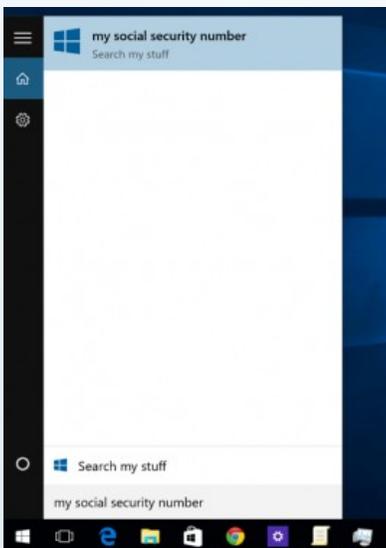
Windows 7 was great. Windows 8 was terrible to begin with, but admittedly improved over time. Windows 10 isn't quite the shining, glorious return Microsoft may have envisioned, but it is a jolly nice return to the bits of Windows we know and like best.



## How to Disable Bing in the Windows 10 Start Menu

Conclusion from page 9

Now that you've disabled Cortana, the rest of the dialog will change and you'll see an option for "Search online and include web results", which you are going to want to disable as well — this is how you actually disable Bing from the Start Menu.



And now when you search for anything, it's going to only search your own PC.

Notice how clean it is now — and it says "Search my stuff" instead of "Search the web".

Note that if you want to disable the Search box from the Taskbar, you'll need to right-click it and choose the Hidden option.

