Windows 10

By

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Windows 10

What is the rationale for all of the technology changes we are seeing?

- There is a lot of competition in the market place between Microsoft (the owner of Windows, Xbox, etc.), Apple (the owner of Mac, iPhone, iPad, iPod, etc.) and Google (the owner of Android, Chrome, etc.). They are all both partners on some technologies and fierce competitors on others. They all have to constantly bring out new and better products in order to compete.

Windows 10

- There is a great shift to more mobile devices like tablets and phones and people do not want to learn a new user interface for every devices they have.
- Smaller devices means less room to provide content people want to see, therefore, menus are being hidden to provide more room for content.

Windows 10

- Windows 10 was released July 29, 2015
- It is a free update to Windows 7 and 8.1 users until July 29,2016
- The key questions most people have are:
  - How different are Windows 7, 8.1 and 10?
  - What are the pros and cons of updating to Windows 10?
  - How difficult is it to update to Windows 10?
  - Should I update to Windows 10?

Windows 10

- The major differences most users will see between Windows 7, 8.1 and 10 are in the Start menu. There are also some differences in how you access the control panel and/or PC Settings and how you do a search.
- Windows 8/8.1 introduced a new set of Applications called “Modern Apps” (now called Universal Apps in Windows 10) that caused a lot of confusion because the Taskbar (the blue area at the bottom of the screen) was not displayed and the Title Bar (the blue area at the top of the screen) was not displayed. Most people would close an application by clicking the X in the upper right corner of the Title Bar.

Windows 10 Start Screen

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Windows 10 is the last release of Windows. What does this mean? In the past, Microsoft would provide bug fixes and security updates on a monthly basis until they no longer supported the Operating System. How long they supported an operating system (such as Windows XP, Vista, 7, 8, 8.1 etc.) with bug fixes has varied depending on how fast they came out with a new operating system and to some extent customer feedback. Starting with Windows 10 they plan on doing updates (still for free) that includes not only bug fixes and security patches but new content.

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Microsoft support plan for older operating systems

Operating System	Start Date	Security Updates Stop
Windows XP	12/31/2001	4/8/2014 expired
Windows Vista	1/25/2007	4/11/2017
Windows 7	10/22/2009	1/14/2020
Windows 8 (Upgrade to Win8.1)	10/30/2012	1/12/2016
Windows 8.1	11/13/2013	1/10/2023

Windows 10 Demo

Windows 10

Pros of moving to Windows 10

- You always get the latest technology as soon as it is released.
- Your PC can continue to run Windows 10 and you will continue to get all updates as long as your PC is still functional (there is no end date for support).
- The update process is highly automated once you decide you want to update.
- Cortana, the personnel assistant, can do a lot of things for you.

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Pros of moving to Windows 10

- Microsoft Edge, their new browser, has a lot of new features (like the ability to markup a web page) and is highly integrated with Cortana. Internet Explorer (11) is still available.

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Cons of moving to Windows 10

- You will have to learn a new user interface.
- Some programs that ran on Windows 7 or Windows 8.1 may not run on Windows 10- Microsoft claims the vast majority will. There is a compatibility program will run when you reserve your copy of Windows 10 that will help in this area. See http://www.microsoft.com/en-us/windows/compatibility/CompatCenter/Home
- You must perform the update to Windows 10 yourself- it is highly automated and Microsoft claims it will take about an hour.

Windows 7, 8.1, and 10

Cons of moving to Windows 10

- You may have to update some drivers provided by your PC manufacturer after updating to Windows 10; this could be a problem for novice users.
- Some manufacturers do not support Windows 10 on some of their older PC's.
- Windows 10 updates will include not just bug fixes and security patches provided by previous Windows operating system but new functionality. So an update may make changes in the display screen you have been accustomed to seeing.

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Cons of moving to Windows 10

- You will not be able to choose which Windows 10 updates you want.
- Windows 10 will update when updates are available and the update may add functionality which could slow down your PC or makes it inoperable due to things like insufficient memory (RAM).
- There are a lot of Privacy issues you need to be aware of. This will be discussed in detail later.

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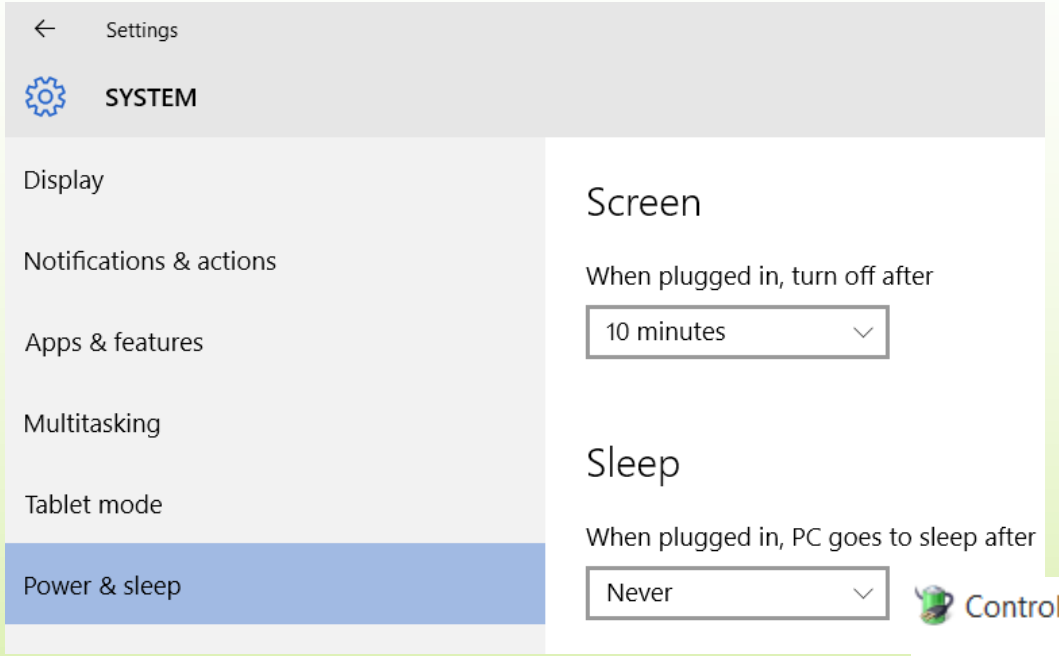
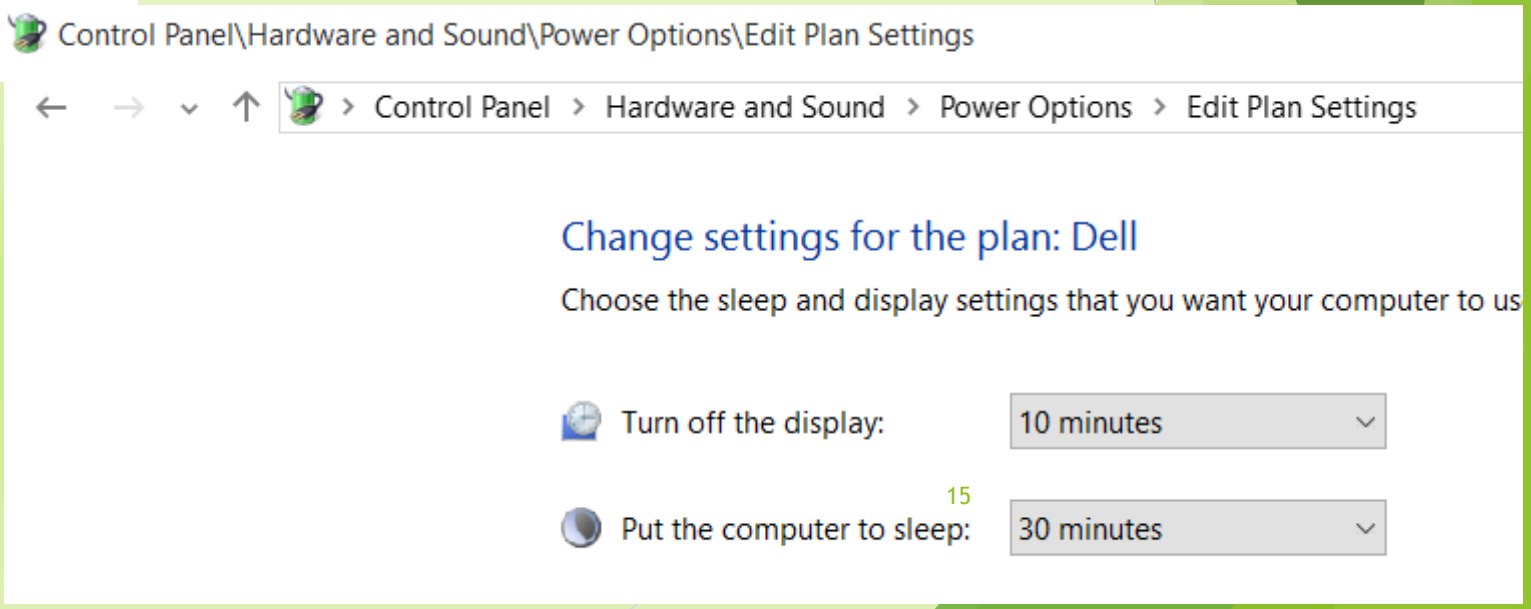
Examples of Inconsistency between the Control Panel and Settings





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Irritants

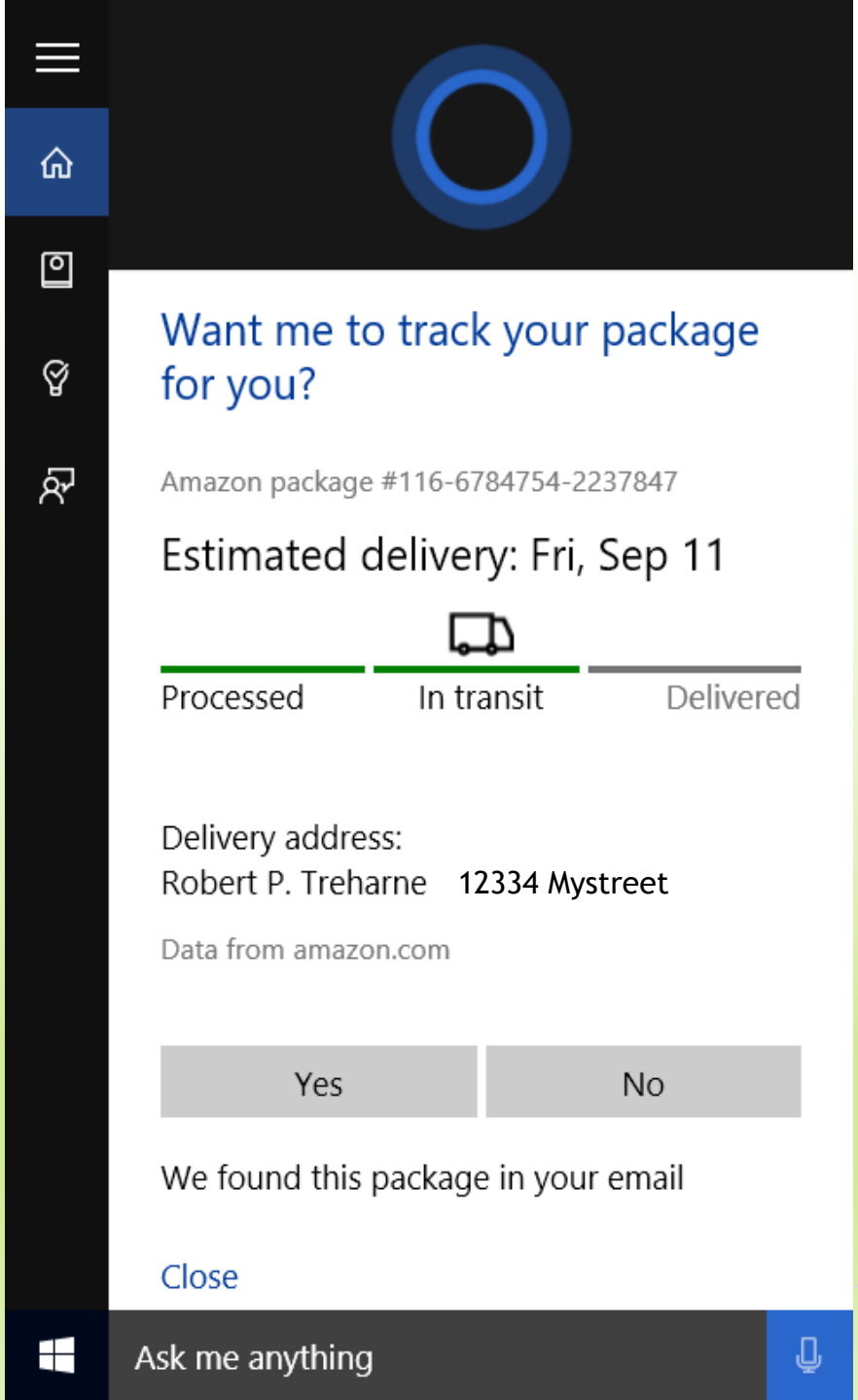
- Settings replaces some of the Control Panel functions but not all- For example- in settings you can remove a printer but you can't see what is in the Print queue or change the printer settings.
- Don't know whether to look under Control Panel or Settings to change some things.
- The Application Compatibility Advisor told me on one computer that there were no incompatibilities but I had MS Office 2000 which is not compatible (and bombed when run).

Windows 10

Privacy Surprises

I got the following message from Cortana about a package that was shipped from Amazon.com. Cortana had gone through my email and found this and asked me if I want to track the package.

Is this a really cool feature?
Or
A really creepy invasion of privacy?



Windows 0

How difficult is it to move to Windows 10

- The download alone is 2.7 GB (it took a little over an hour on my home WOWWAY line). This can be done ahead of time or overnight.
- The process on the machines I have done so far took about 1 hour and 15 minutes on Windows 8.1 and 2 hours on Windows 7. This did not include a backup which is always a good idea.
- All of the updates I have done have gone smoothly- Microsoft has done a very good job in this area. However, a small number of users may run into problems.

Windows 10

Should you update to Windows 10?

- This comes down to a personal decision based on what kind of change you are comfortable with.
- If you are running Windows 8.0 you should update to at least Windows 8.1 as support, including security updates, will stop in January 2016.
- Updating to Windows 10 is probably a good idea if you are running Windows 8.1 as it is an improvement with more features.
- If you are running Windows 7 and don't like change and don't plan on using your computer beyond January of 2020 then don't update.

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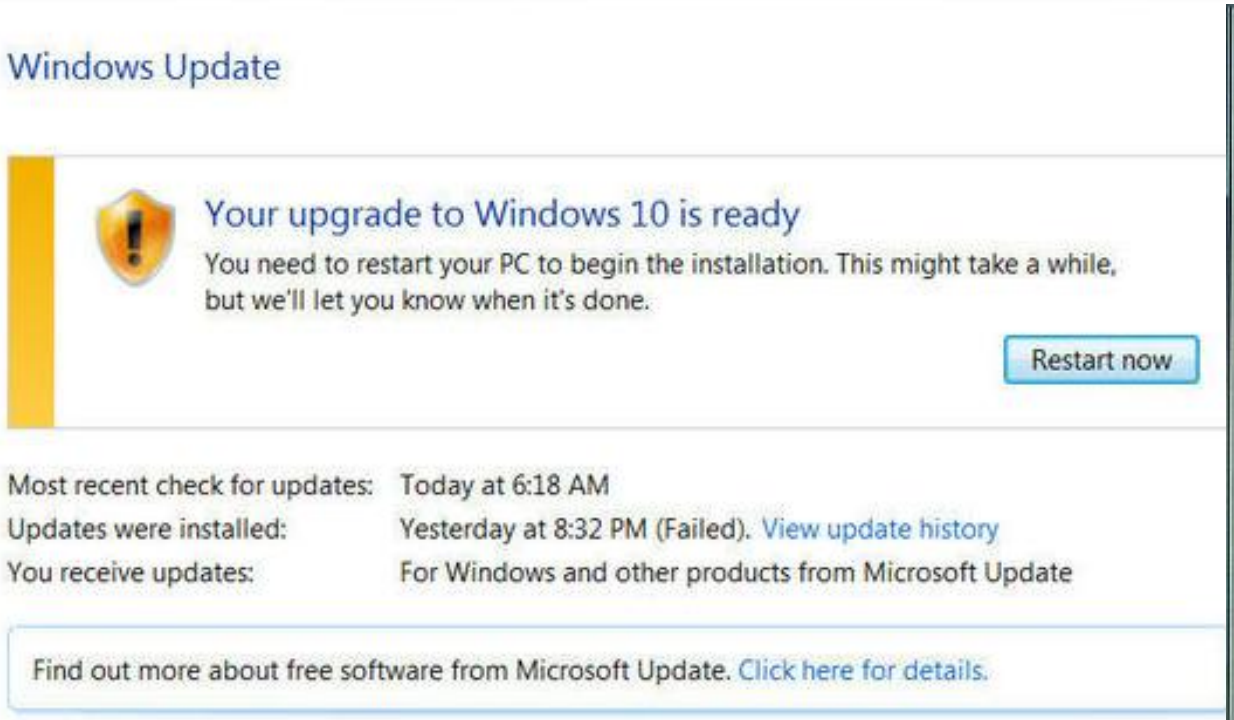
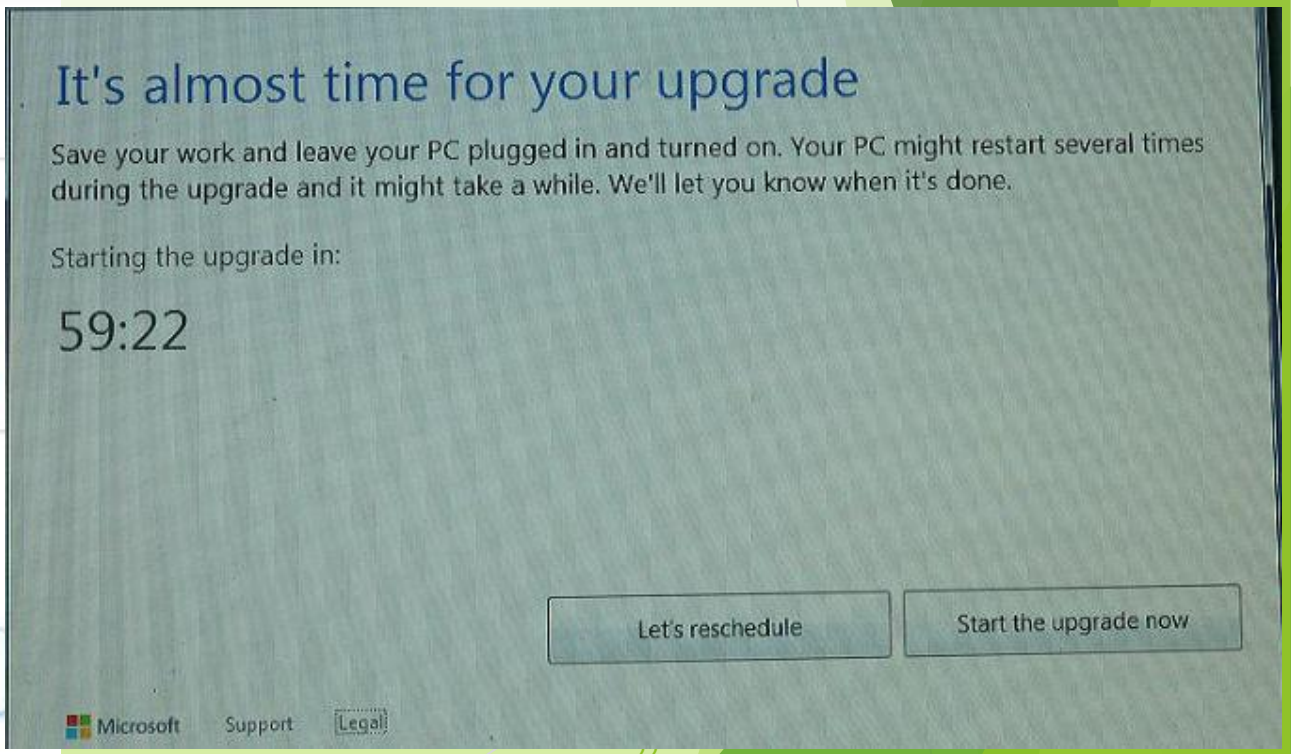
Should you update to Windows 10?

- If you are running Windows 7 and plan on using your computer beyond January of 2020 you should update. I do not recommend running any operating system once security updates stop.
- There is no hurry to update but do not wait until July, 2016.
- If there is enough interest, we are considering providing help with the upgrade.
- Our current plan is to offer Windows 10 classes starting April 18, 2016. All classes will be based on Windows 10 after this date.

Windows 10

Microsoft has admitted to an error that has caused some people to upgrade automatically. While the error has been corrected, it may be too late for many users who have seen either one of these screens.





If you are getting this message, see me after the presentation. I have a handout that shows you how you can download a tool to stop both this and the annoying message about updating to Windows 10.

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Windows 10 Update Process

- Included in Windows 10 is a new technology Microsoft calls "Windows Update Delivery Optimization" (WUDO) that is turned on by default. Both Windows 10 Home and Windows 10 Pro are set to provide updates and applications to other devices when connected to the public Internet.
- Translated in to English- this means your PC could be used to deliver updates to other users either on your local network or to others on the public Internet.

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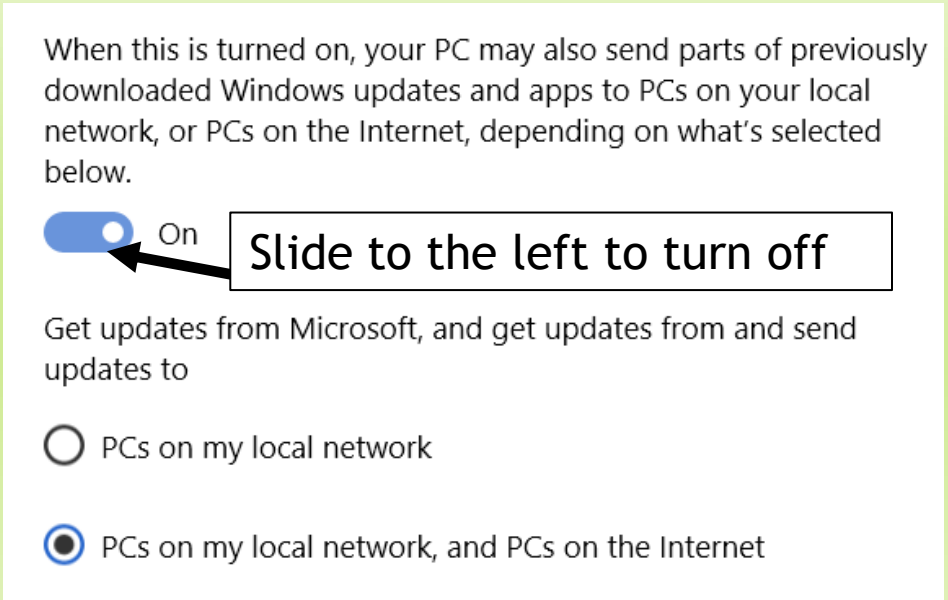
Windows 10 Update Process

- To turn off "Windows Update Delivery Optimization" (WUDO):
  Click the **Start** button, Click **Setting**, Click **Update and security**, click **Windows Update** on the left of the screen, click **Advanced options**, click **Choose how updates are delivered**, drag the **On** button to the left.



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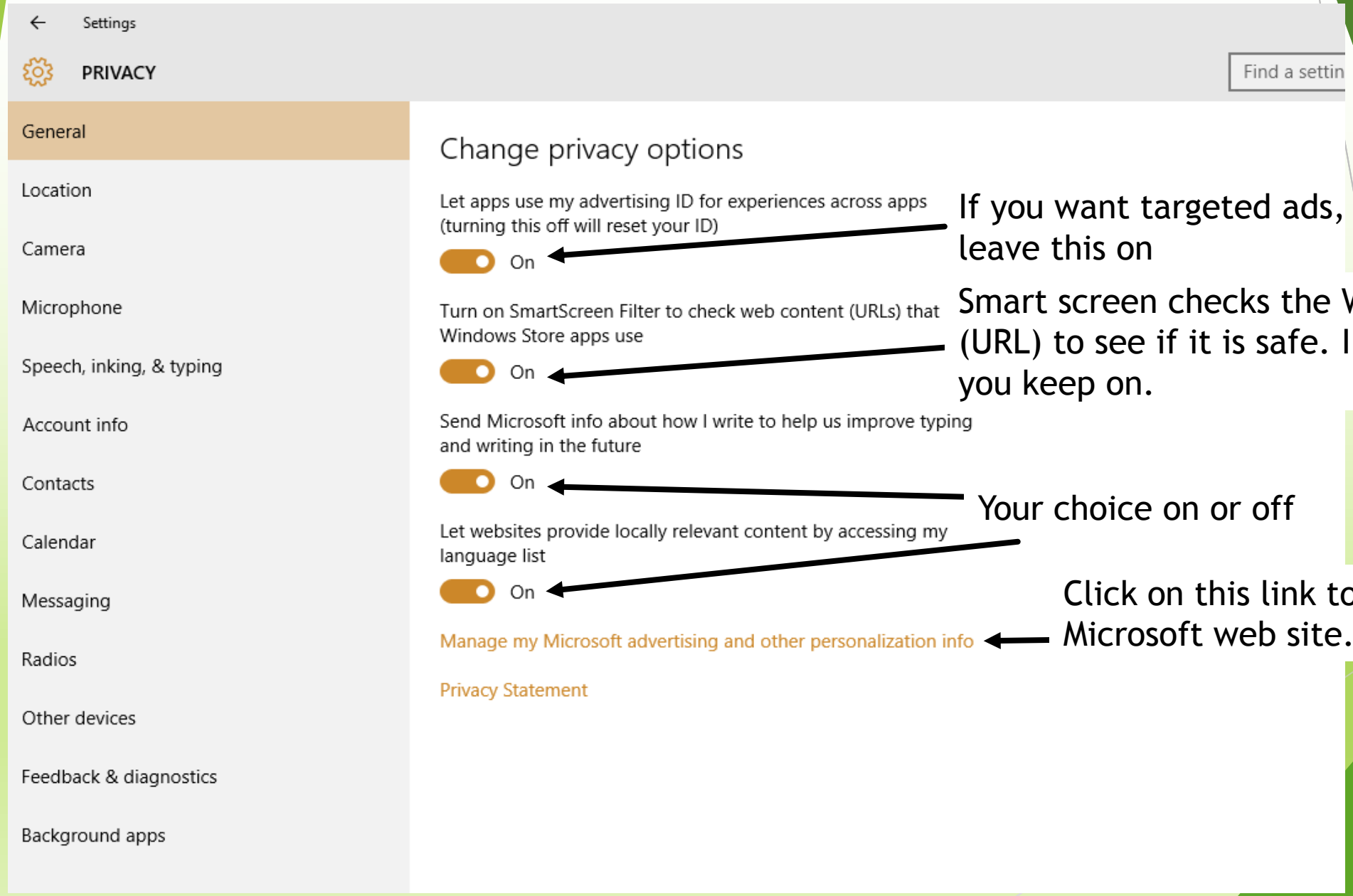
Privacy Issues- Settings you may want to change

- If you sign on to your PC with a Microsoft account, you are automatically assigned an advertising ID to each user that is associated with you email address on file. This ID is used to tailor ads for web-browsing and is also used by some applications. Turning it off will not eliminated ads but will eliminate targeted ads.

Privacy-General



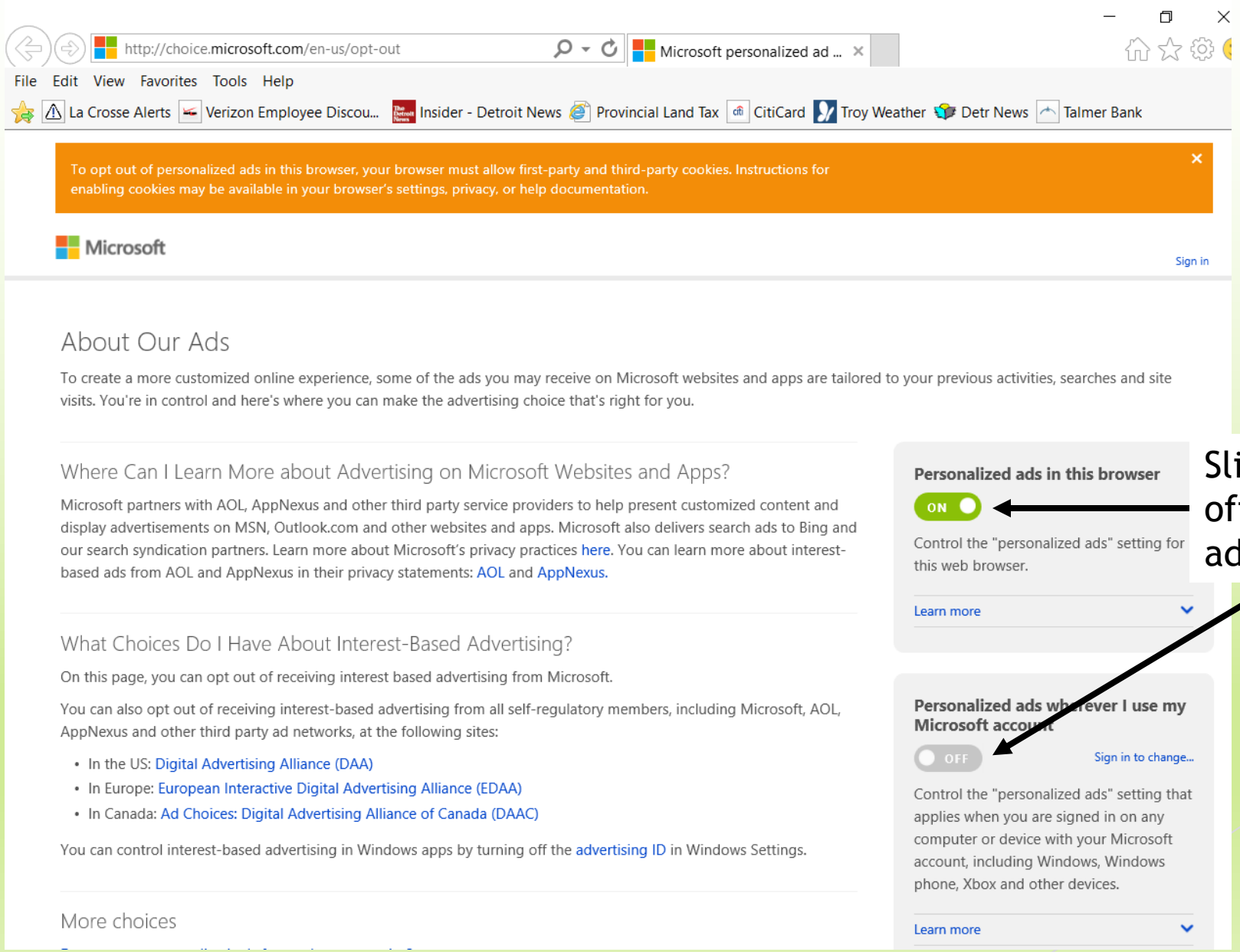
If you want targeted ads, leave this on

Smart screen checks the Web address (URL) to see if it is safe. I recommend you keep on.

Your choice on or off

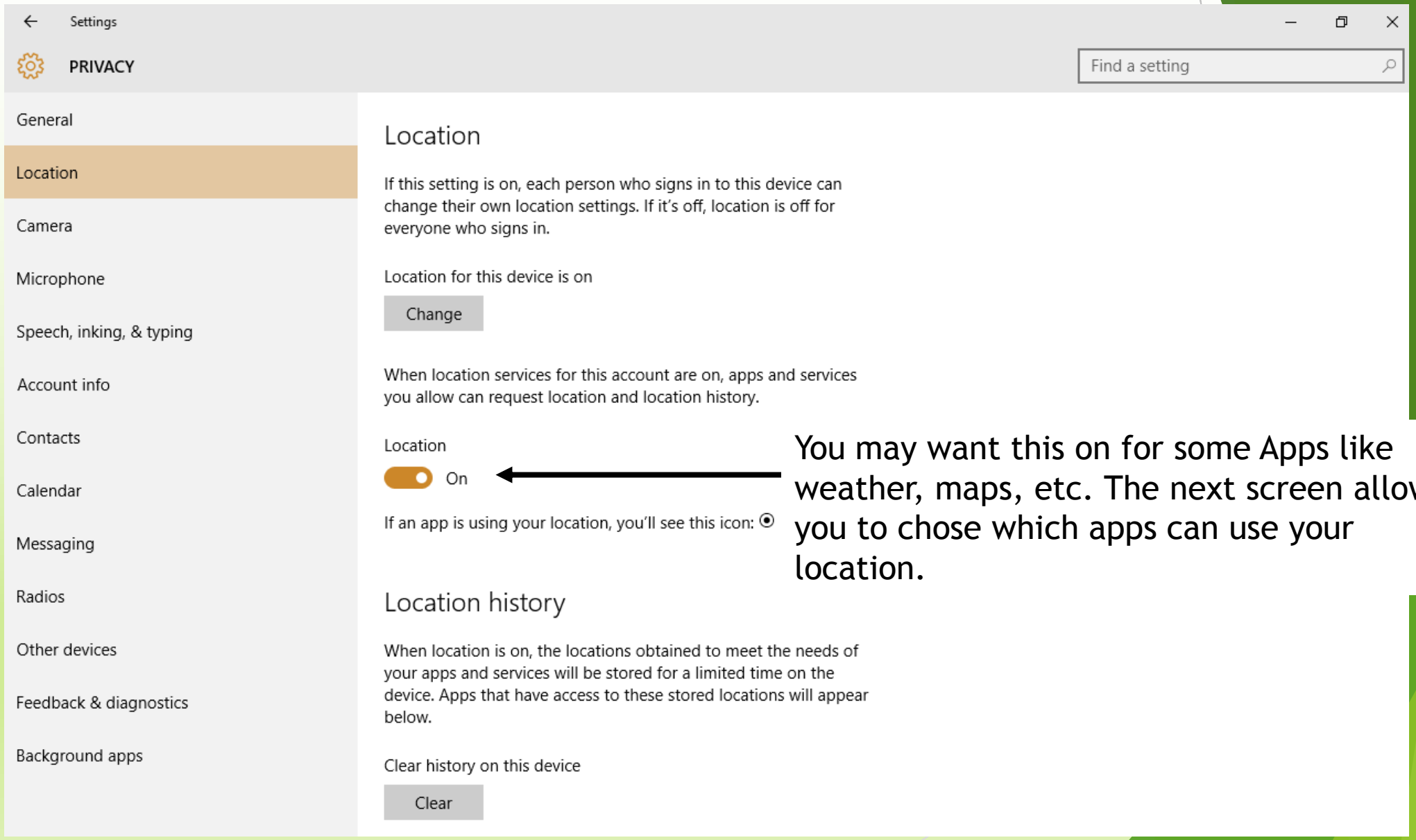
Click on this link to take you to a Microsoft web site. See the next slide

Privacy-General (Continued)



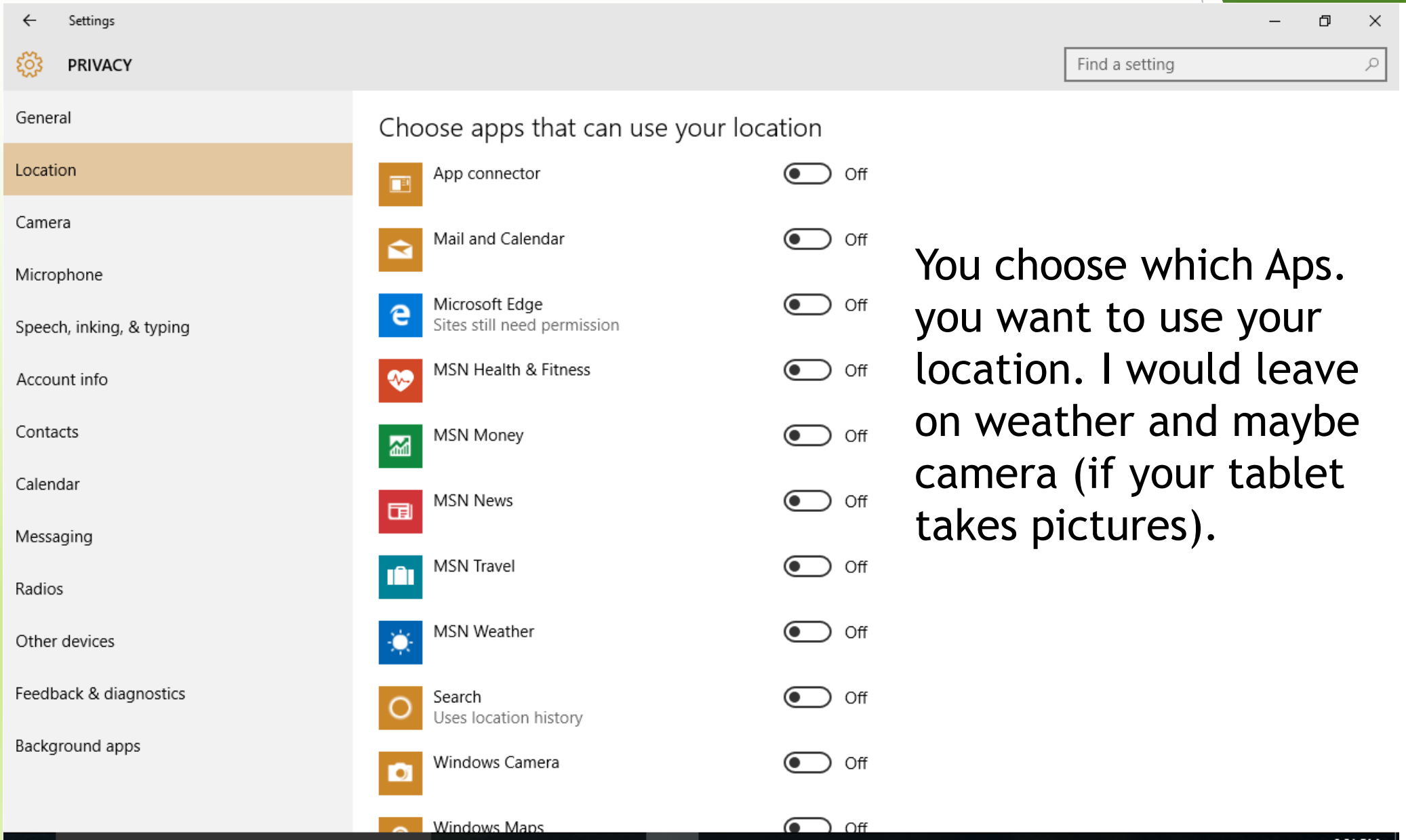
Slide to the left to turn these off if you do not want personal adds

Privacy-Location



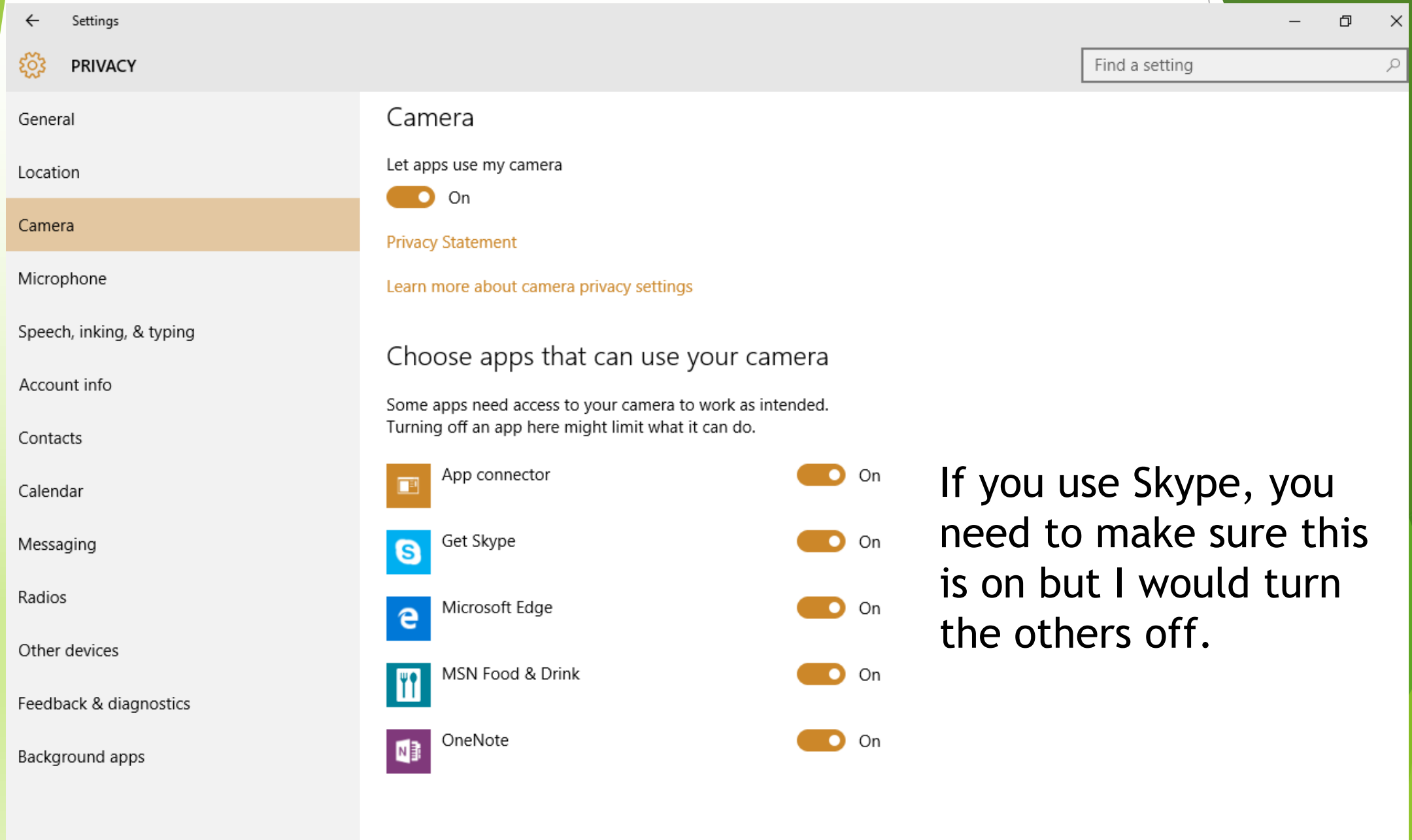
You may want this on for some Apps like weather, maps, etc. The next screen allows you to chose which apps can use your location.

Privacy-Location (Continued)



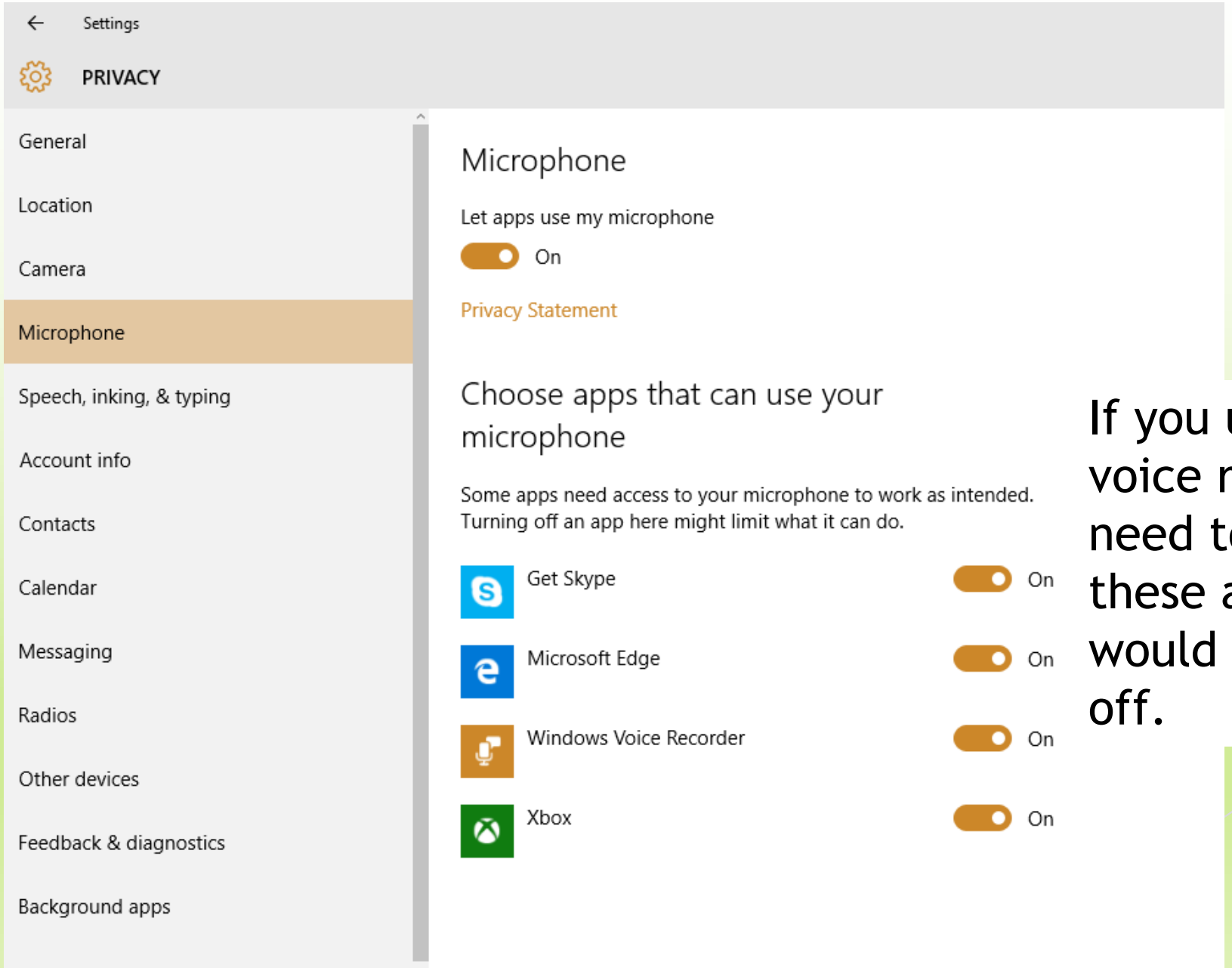
You choose which Aps. you want to use your location. I would leave on weather and maybe camera (if your tablet takes pictures).

Privacy-Camera



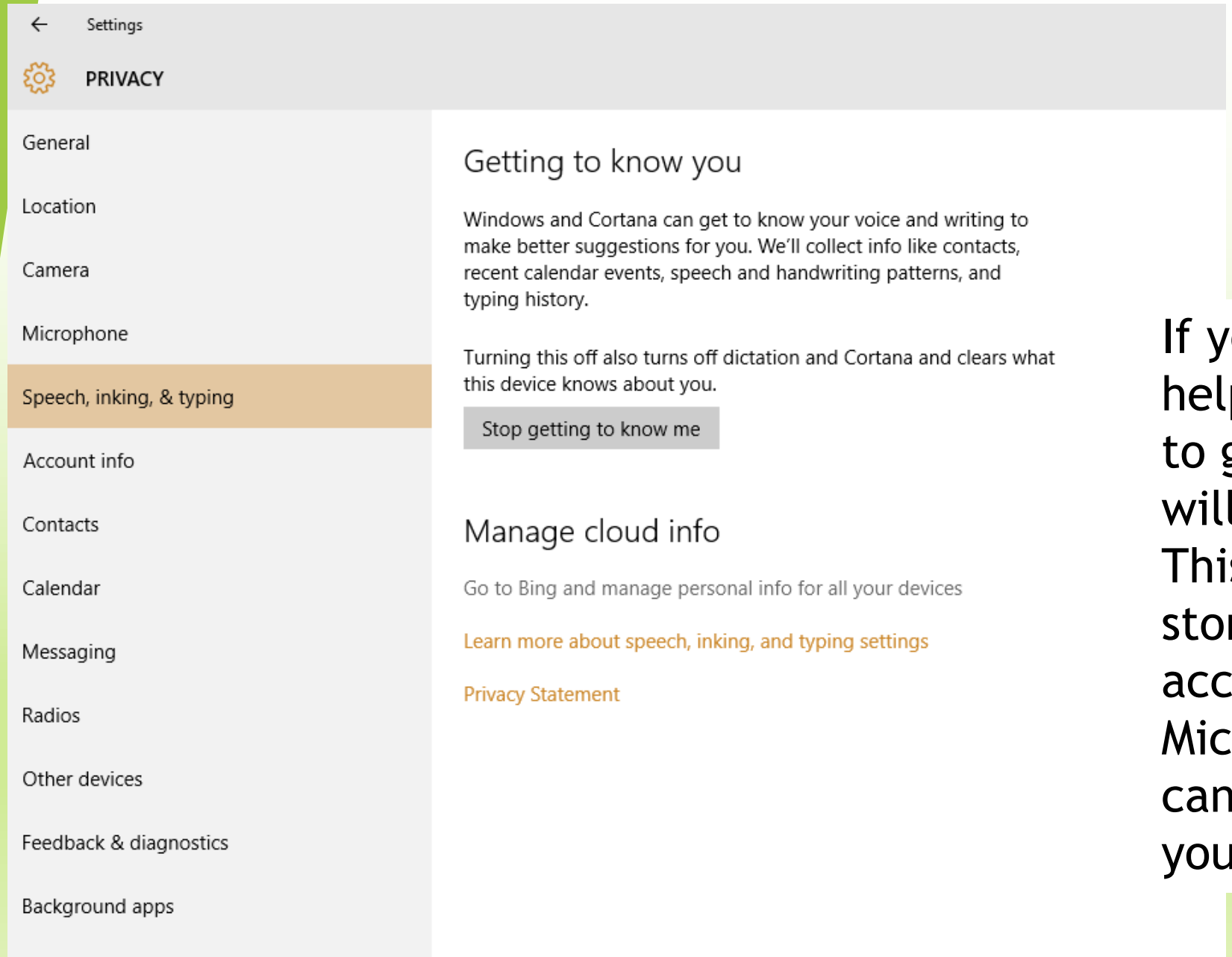
If you use Skype, you need to make sure this is on but I would turn the others off.

Privacy- Microphone



If you use skype or voice recorder, you need to make sure these are on but I would turn the others off.

Privacy- Speech, Inking & typing

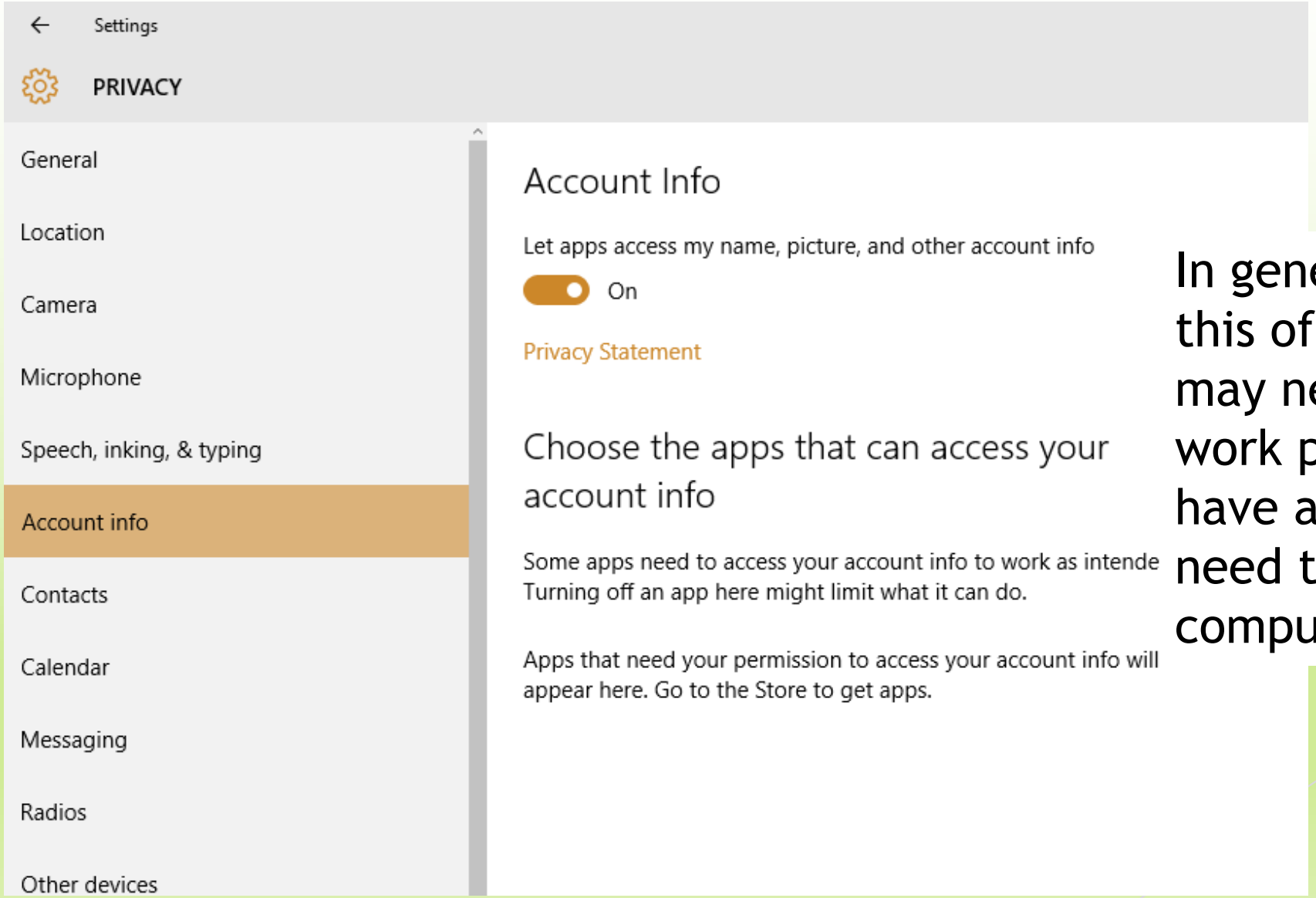


If you use Cortana, it helps if you allow her to get to know you. She will perform better. This information is stored in your Microsoft account on the Microsoft website that can only be accessed by you.

Inking in Windows

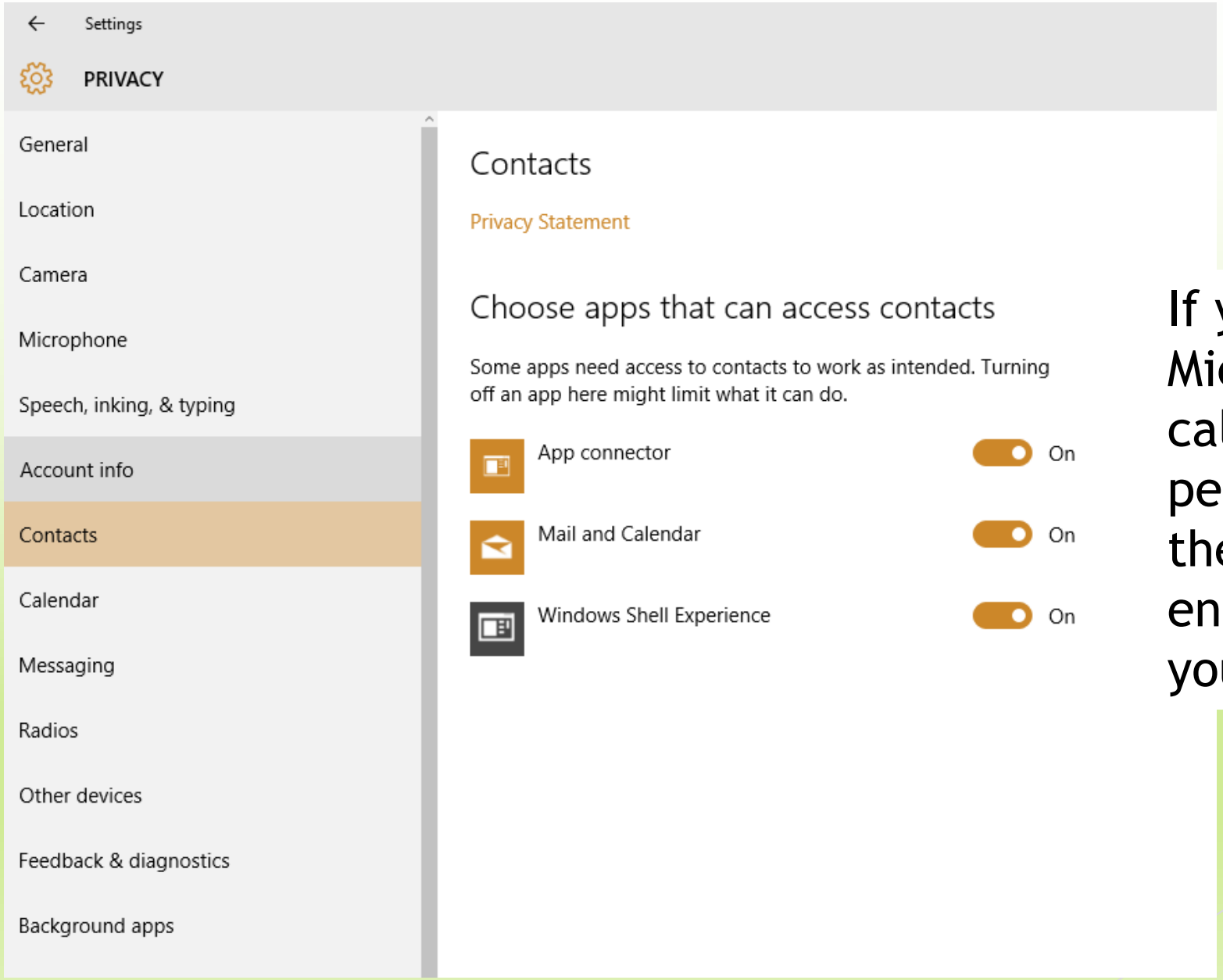
Windows 10 has the ability to allow you to draw right on your screen. It's like having a portable dry-erase board on your screen all of the time. While it is more geared toward tablets and phones, the new Edge browser has the ability to draw on the screen. The word inking seems to be derived from the old ink pens that you dipped into the ink to write with. Comic artists would usually draw in pencil and then go over it with an ink pen to define the character they were drawing.

Privacy- Account Info



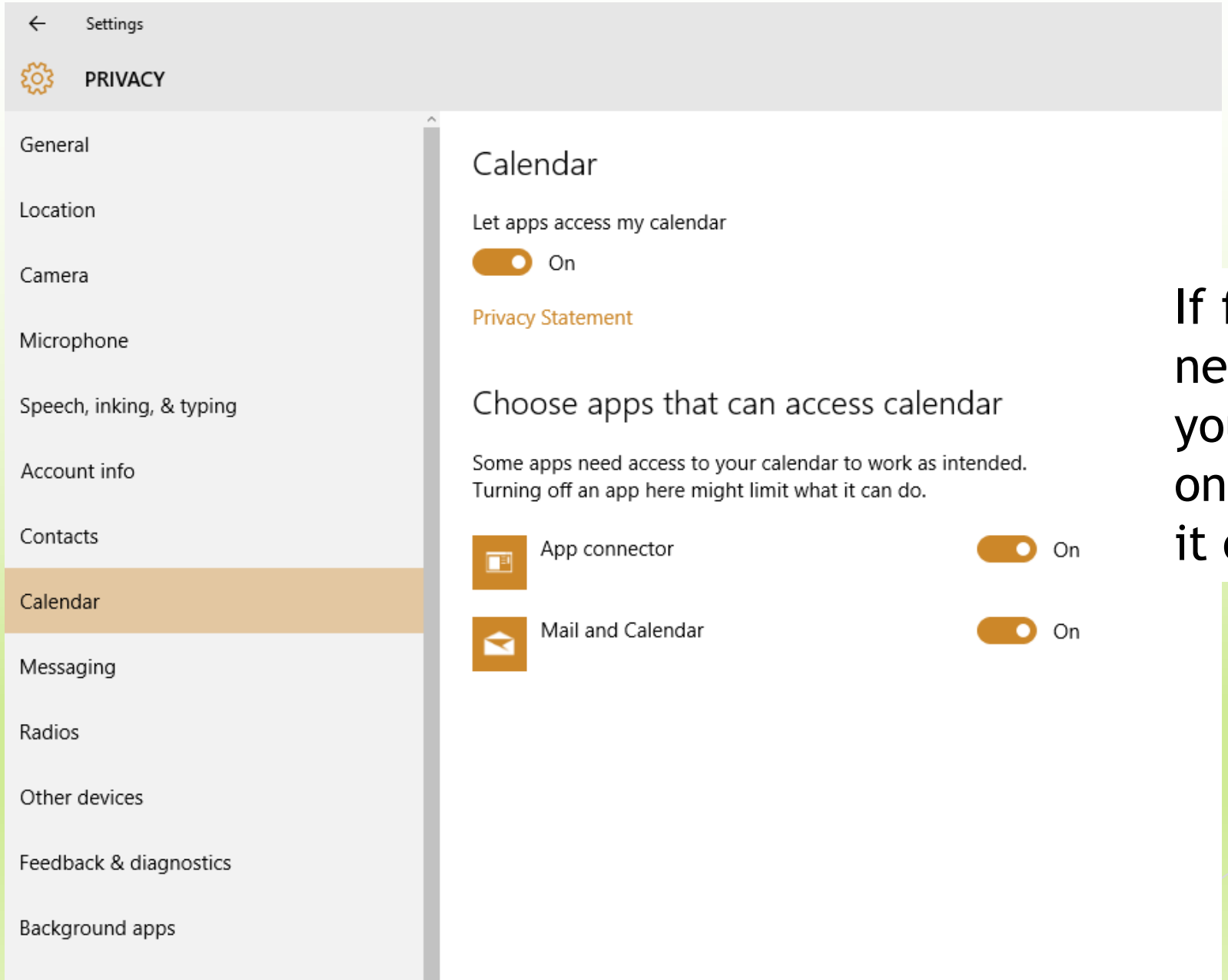
In general, I would turn this off but some Apps. may need this on to work properly. I do not have any Apps. that need this info on my computer.

Privacy- Contacts



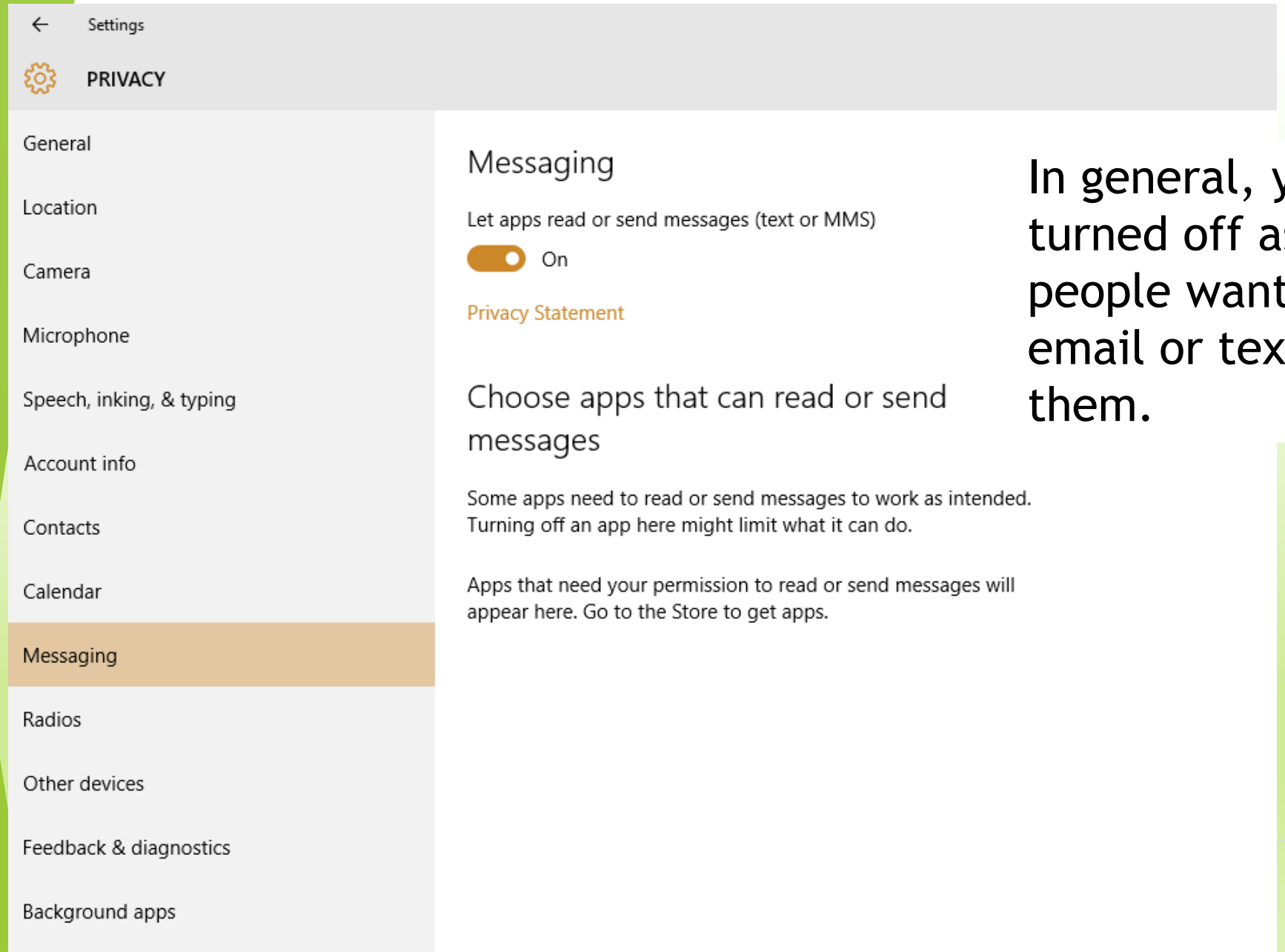
If you use the new Microsoft mail or calendar App. (most people probably don't), then you want to enable them to access your contacts.

Privacy- Calendar



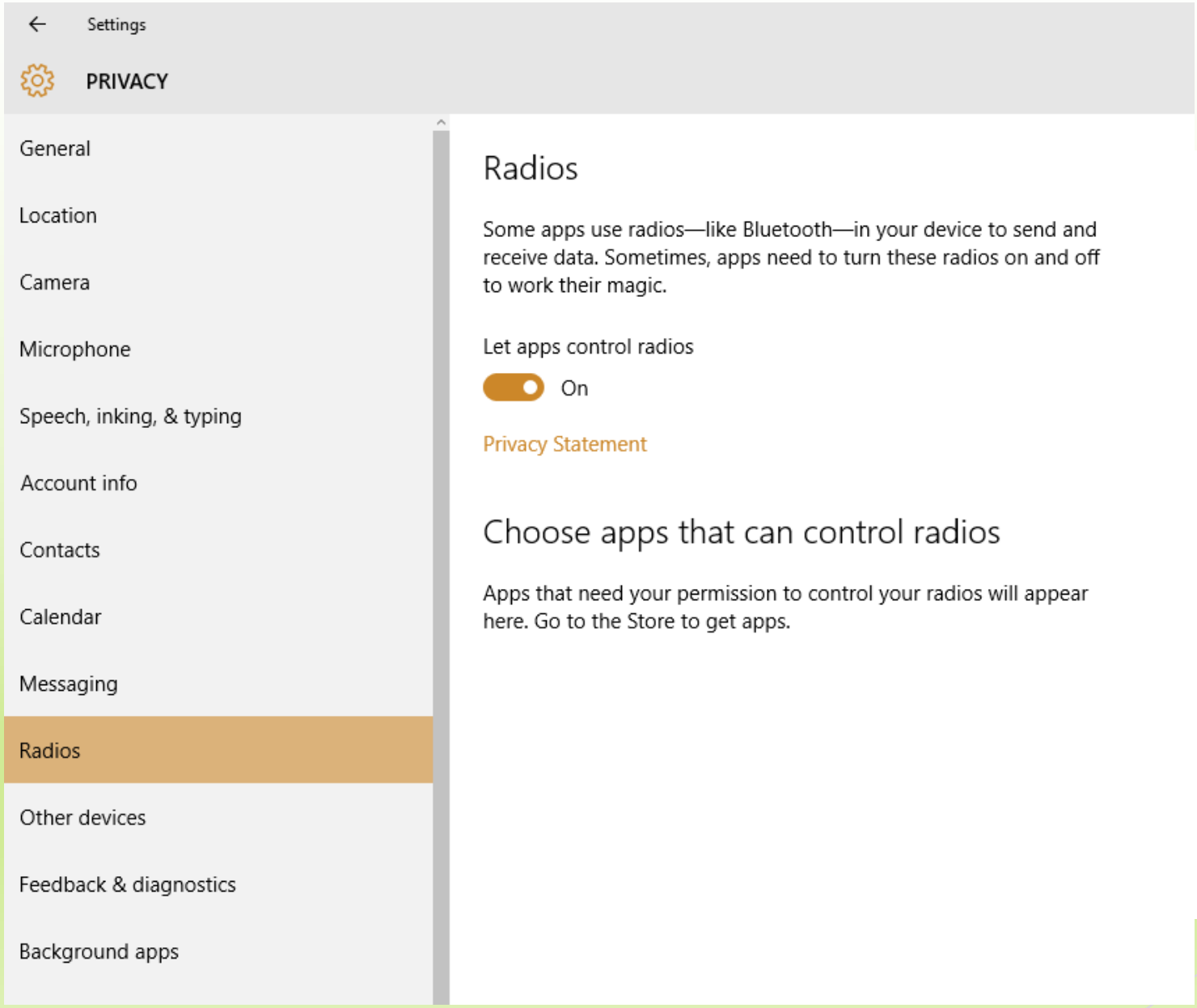
If for some reason, you need an App. to access your calendar, turn it on here, otherwise turn it off.

Privacy- Messaging



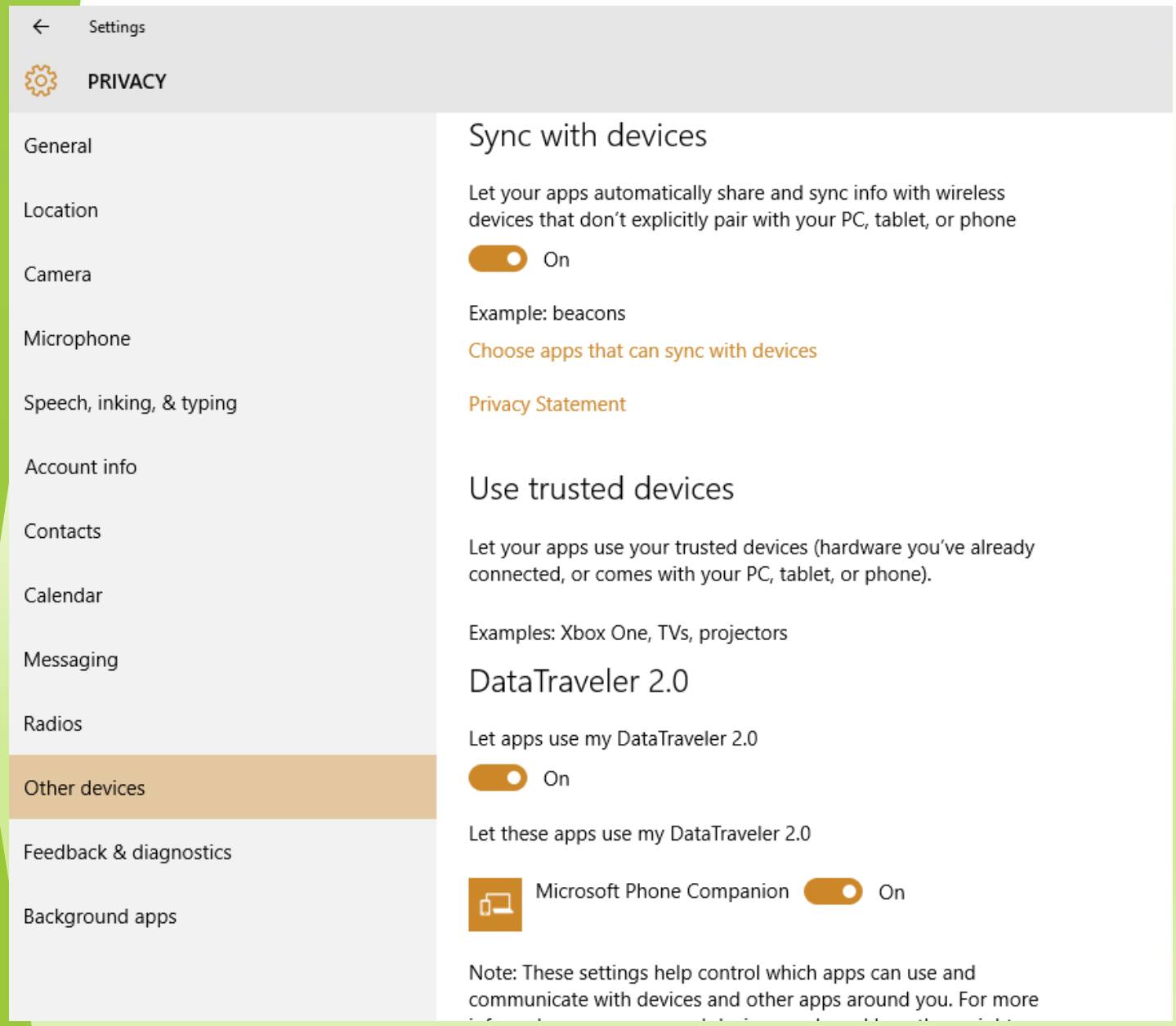
In general, you want this turned off as very few people want Apps. to send email or text messages for them.

Privacy- Radios



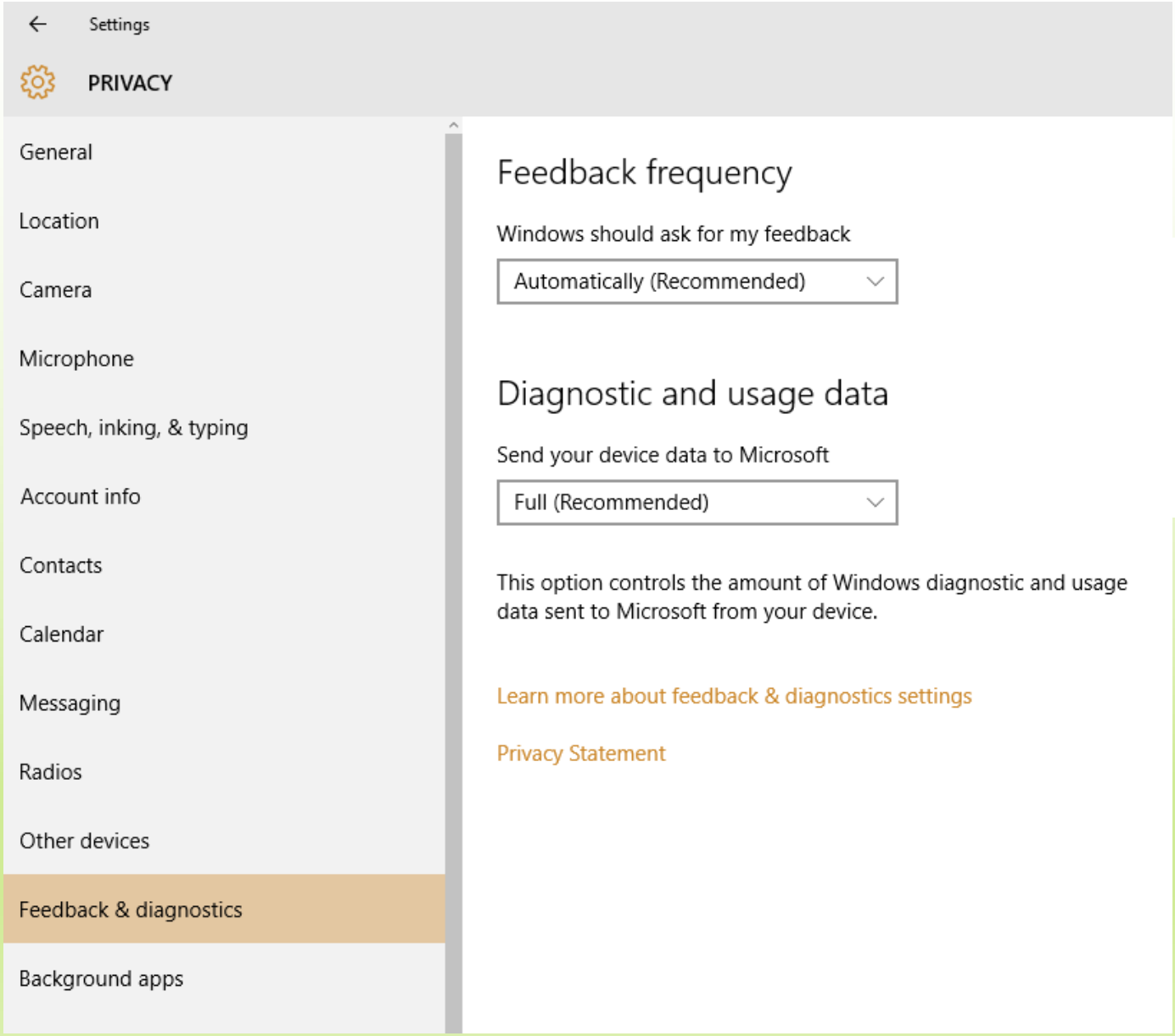
If you have Bluetooth speakers or a Bluetooth printer, you will need this on. Bluetooth is a local network technology that lets you communicate with other devices in a very limited range (typically about 50 feet). If your cell phone communicates with your car radio, it is using Bluetooth technology.

Privacy- Other Devices



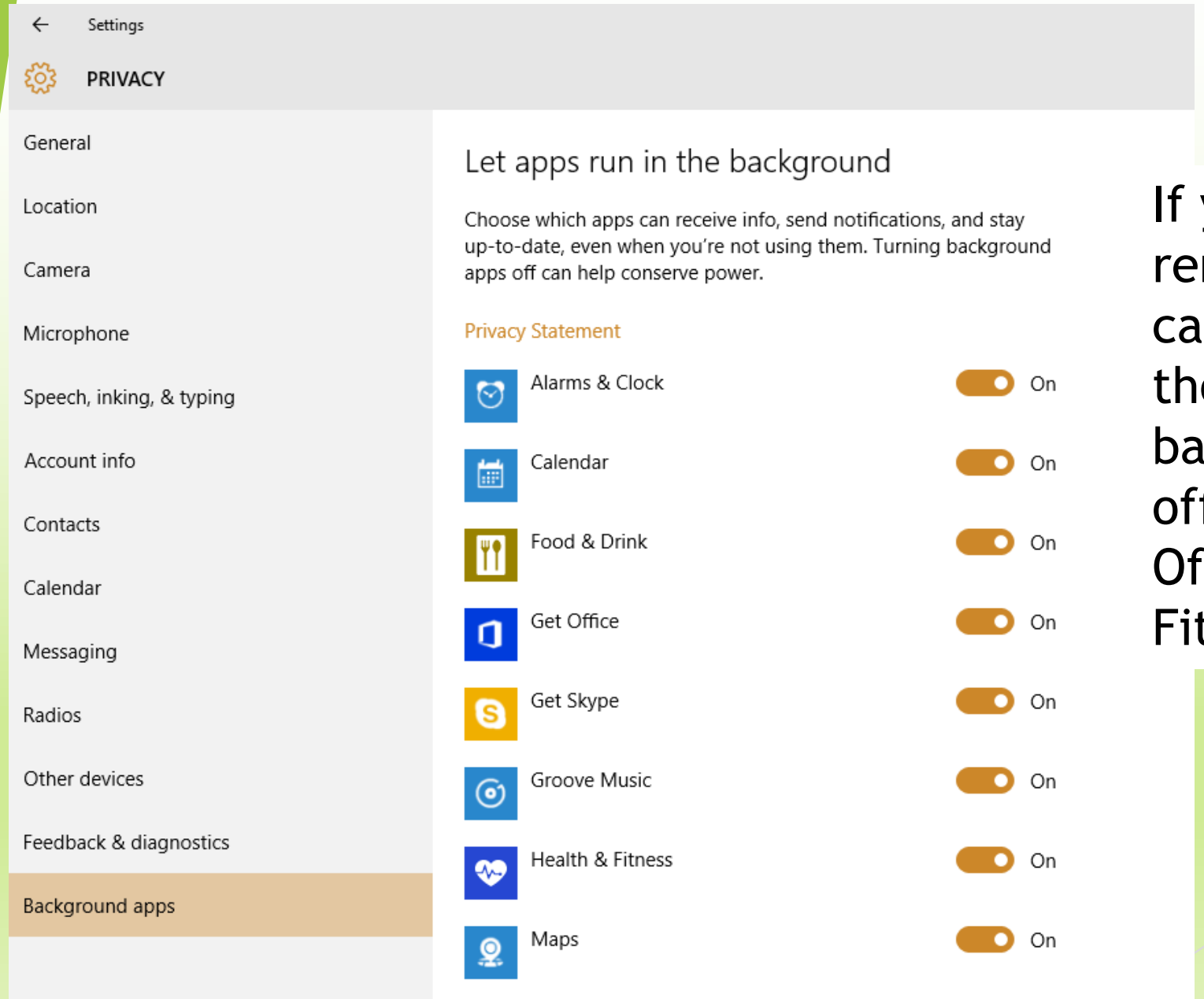
While this says wireless devices, one of the devices listed is my USB flash driver which is not wireless. I don't have any Apps that need this turned on, including my automated backup program.

Privacy- Feedback and diagnostics



This is purely a personal choice. Microsoft wants to use data to find and/or fix bugs.

Privacy- Background apps



If you use alarms or reminders in your calendar, you clearly want those to run in the background. I would turn off all others like “Get Office”, Health & Fitness”, etc.