Lynn mentioned the book Empire of Pain: The Secret History of the Sackler Dynasty written by Patrick Radden Keefe. Story of the Purdue drug manufacturing company (not associated with Purdue University) which manufactured and sold both Valium and OxyContin.

Larry discussed checking how many apps are installed on his computer. In Task Bar – Search, type: apps. Click on Apps & features. Will see number of programs/apps installed. Can uninstall unused apps by clicking on name of an app. If you don't recognize the app, do not delete it without carefully researching it as some of the apps are needed by the system and deleting them could cause your computer to not function correctly or at all.

Terry recently purchased a cell phone from and signed up for service through Visible (https://www.visible.com/). Cost is $40/month for unlimited talk, text, data, and hotspot. Visible is owned by Verizon and uses Verizon towers. Offers several plans, including plan called Party Pay where friends and family can help each other save on the monthly charge. If you already have a cell phone, there is bring your own phone option as well as a trade in program.

Lynn discussed a new mesh router system he recently purchased and how it dramatically increased wireless signal in all areas of his home. Copies of pdf's he used are listed separately.

Joe mentioned Google Fi for better cell phone reception. Also mentioned T-Mobile In Home Cellular if having problems getting good data speeds.

Windows 11
No one has done much research on it yet. It may be available as early as October 2021 to as upgrade from Windows 10 or pre-installed on a new computer. Microsoft is planning a phased roll-out of the upgrade to eligible devices.

Joe said Windows 11 offers a new user interface and enhanced security.

In order to upgrade to Windows 11, one key requirement is that the computer has TPM (Trusted Platform Module) version 2.0. To see if your computer has TPM and which version, in the Task Bar – Search, type tpm.msc. It should appear as the first option. Click on the icon (if you are not logged in as administrator, click Run as Administrator). A screen should display indicating if TPM is on the computer and what version. Some computers may have the correct version of TPM but it has not been enabled. Microsoft website contains instructions for enabling TPM on those computers. If computer has an earlier version of TPM, it may be possible to upgrade to version 2.0 but only consider this if the computer meets other requirements for Windows 11. Note: Microsoft's minimum requirements are usually the bare minimum requirements for installing but are usually too low to provide good performance so your computer should exceed minimum requirements.

Current information is that Windows 10 will continue to be supported through October 2025 after which Microsoft will no longer issue security updates for Windows 10.

With Windows 11, Microsoft states that the first user account on the computer must be a Microsoft account.
Signing into Windows 11 with a Microsoft account lets you:
- Download apps from the Microsoft Store.
- Get your online content in Microsoft apps automatically.
- Sync settings online to make PCs look and feel the same - like your browser history, account picture, and color.

Using a Microsoft account requires entering the password each time a user logs on to their computer. While this is more secure, many casual users don't want to have to enter a password. If a user needs to enter their Microsoft account for specific apps, e.g., Microsoft Store, the first time they access the Store they can log into just that app using their Microsoft account.

There is some documentation that indicates there are workarounds for requiring a Microsoft account, but don't know if they work. Might be possible to convert a user account from Microsoft account to local account.

10-digit dialing for 989 area code

[MPSC - 10-digit dialing will soon be required for all calls in Michigan's 616, 810, 906 and 989 area codes](#)

[https://www.michigan.gov/mpsc/0,9535,7-395-93253_93280-556018--,00.html](#)

Google Accounts - Two methods of authentication
Use your phone to sign in - sends notification to phone and have to verify that phone is in your possession, may also have to enter two digit code on computer. When changing password, automatically get asked whether you want to set this up.

2-Step verification - sends SMS message with code

Either can be changed from Google webpage or Gmail
In browser - icon showing first letter of name > - Manage Your Google Account > Security > Scroll to Signing in to Google
Android Phone - Settings > Accounts > Google > Info, security > Security

Installing Windows on new hard drive - Home or Pro
Computer goes through BIOS but cannot read hard drive. No way to find out what version of Windows was on it. Found some suggestions as to what files to look at to find that information

(if the hard drive can be accessed) but using another computer, the files either no longer exist on Windows 10 or don't contain the needed information.

Did some research and if the computer was originally Home and Pro is installed on new hard drive, it won't authenticate, and will have to reinstall and select Home. If computer was originally Pro and Home is installed on new hard drive, it won't authenticate, but can apparently update to Pro without having to do a full reinstall.

However, during installation, was not asked what version of Windows to use and it automatically authenticated as Windows 10 Pro. (Created installation media using media creator Windows 10 May 2021.)

Spectrum app back in Roku app store after 10-month contract dispute between the companies.

ATT TV Now rebranded as Directv Stream

Wyze CAM picked up activity two nights in a row, middle of night. Light came on in corner where computer is located. Since monitor does not face camera, unable to know for sure but assume monitor came on, indicating computer woke up.

Checked Event Viewer (Windows Log - Application). Not sure if related to activity that caused computer to wake up but noted multiple instances of a Bonjour event.ID 100 "DNS Message from 192.168.10.14:36841 to 192.168.10.58:5353 length 0 too short". Messages date back to 3/10/2021 with over 3000 logged. [Earliest date for any event in log is 3/9/2021]

Checked router for attached devices, there is no device listed with the I/P address of 10.14. But can successfully ping that address indicating it is on the network.

Bonjour Service enables hardware devices and software services to automatically configure themselves on the network and advertise their presence. Thought that service was usually related to Apple devices or apps, e.g., iTunes. Disabled Bonjour service. Seems to have slowed down the computer, when starting up, and when launching Office 365 programs.

After a couple days, enabled Bonjour service and set it to start automatically.

Monitoring event log for additional events.