

# Club Bytes



Brought to you by the Lake Gaston Computer Club



## Word of the Month - Deepfake

The word “deepfake” combines the concept of deep learning with something that is fake. Deepfakes are a form of artificial intelligence — a compilation of doctored images and sounds put together with machine-learning algorithms.

Deepfake technology manipulates media by creating people that don’t exist, or by making it appear that real people are saying and doing things they didn’t say or do.

Audio deepfakes are another form of deception. Here’s how it works.

Deepfake machine-learning and synthesizing technology creates what are known as “voice skins” or “clones” that enable someone to pose as a prominent figure. An audio deepfake scam is designed to make you believe the voice on the other line is someone you know, like your boss or a client, so you’ll take an action — like sending money.

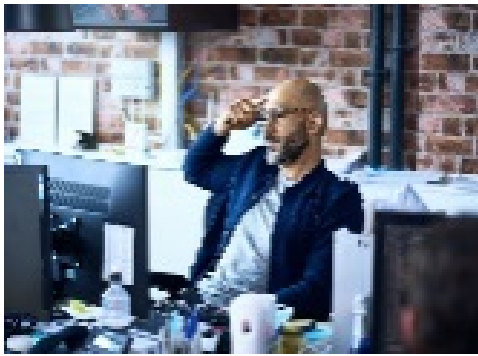
[https://us.norton.com/internetsecurity-crm-emergingthreats-how-to-spot-deepfake-videos-15-signs-to-watch-for.html?om\\_em\\_cid=hho\\_email\\_CRM\\_EMAIL\\_US\\_BLST\\_ACT\\_DSP\\_LifeLock\\_2020\\_10\\_OCT\\_NEWS\\_symtec.8940262](https://us.norton.com/internetsecurity-crm-emergingthreats-how-to-spot-deepfake-videos-15-signs-to-watch-for.html?om_em_cid=hho_email_CRM_EMAIL_US_BLST_ACT_DSP_LifeLock_2020_10_OCT_NEWS_symtec.8940262)



## Apple TidBits

Bytes of Apple - This is the time of year that Apple comes out with most of their new products and updates to the Mac operating system. A lot is happening, new iPads, new iPhones improvements to Safari, Apple’s web browser, known to be one of the fastest and

most secure browsers out there. Apple's 8th Gen iPad there least expensive model is still the best tablet you can buy for the price (\$329) Of course they have more expensive Air and Pro models. New processors and better camera's come throughout their new products. The iPhone 12 will be here very soon. All models are expected to have OLED screens and 5G capability and the new A14 chip. Starting at \$649. Big Sur, Mac's new operating system comes with many new improvements to Safari. You can access privacy reports for websites, and Apple will monitor saved passwords to see if any have been involved in recent data breaches. It's an exciting time of year, so many improvements to all of Apple's entire line of products that it is hard to learn about all the new capabilities and features. We will know more as the products are released this month. Stay tuned. Paul Bernard



## Repair Shop

Mondays (8:30am-2:30pm) except major holidays for curbside drop-off and pickup of computers/devices. **No walk-ins will be allowed.** The shop door Open will be locked, and members must call when in the parking lot for drop-off and pickup. All drop-offs must include member's name, phone #, log-in information and a description of the problem/issue.

- **Appointments** will be accepted for member assistance remotely over the phone and will make use of the Windows Quick Assist app if necessary. The Quick Assist app allows a shop technician to access

a customer's computer remotely to troubleshoot, diagnose and resolve issues.

- If assistance remotely is not feasible and a more hands-on approach is necessary, appointments will also be accepted for in-person service at the shop. **You must have an appointment and wear a mask to enter the shop.** Call **252-586-9919** when you arrive for your appointment.

There will only be a limited number of appointments that can be accommodated, and they will be granted up until 1:30pm on a first come, first serve basis. Please accept our apologies if same day service cannot be granted.

**Email: [repair.shop@lakegastoncc.org](mailto:repair.shop@lakegastoncc.org) to schedule an appointment.**  
**We are working with reduced staff.**



### **How long should a password be?**

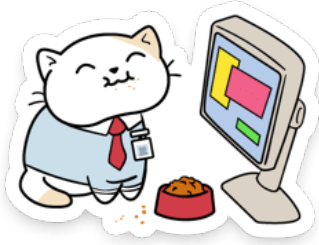
For years the standard practice has been to assume that eight-character passwords, made up of sufficiently random characters, was enough. Not anymore. Not even close. Longer is better. Traditional eight-character passwords are now easily compromised. A password should be 12 characters at a minimum - ideally 16 or more. Using a multi-word passphrase makes even longer passwords possible and easy to remember.

To read the AskLeo article, Ctrl + Click this link:

<https://askleo.com/4844>

To view the AskLeo video, Ctrl + Click this link:

<https://youtu.be/FuR0hgEFChI>



## **Windows 10 Update: 20H2**

Well, here we go again. Update....Update, we hear about updates all the time on our computers and sometimes we are not sure if we really want the update being offered. Most updates you do want to keep for your programs to run effectively.

The next big update coming from Microsoft will be an update for Windows 10. This will be a semi-annual update usually referred to as a major update. The major updates are scheduled to come out in March and September of each year. Well, as we all know this year has been a different year for many things and schedules are changed, moved and cancelled.

Microsoft has had their problems with schedules relating to OS updates. We didn't get the March update for Windows 10 until May. Right now the September update will probably be issued in October.

The most obvious change is the name of the release. The previous "version *yymm*" naming convention resulted in 2020's first release appearing as though it had been released 16 years ago, in 2004. Had Microsoft stuck to the same naming convention, the new version number would have been either 2009 or 2010. So, instead, the company changed the way it labels new feature updates to use H1 and H2 where the month number used to be. The new update scheduled for September/October will be identified as "version 20H2". To simplify this, the "H1" just indicates the first major update of the year and "H2" indicates the second major update.

So be on the lookout for the change, coming shortly.

