

Sun City Computer Club

Cyber Security SIG

July 20, 2023

**Questions, Comments, Suggestions welcomed at
any time**

Even Now

- Audio recording of this session as MP4 file
- Audio recording available at link shown above

Audio Recording In Progress

**SIG attendees are required to be members of the chartered club sponsoring that SIG.
Sun City Community Association By-law**

- SIGs

Groups

Apple Users

Coding

Cyber Security

DNA

Gaming

Genealogy

Internet of Things

Mac Users Group

Scams and Computer Security

Windows

Computer Club resources

- IoT Security
 - Whole House Control of IoT Devices
 - Introduction to 3D printing Live Demo
 - Traveling with Electronics
 - Analysis of Suddenlink Billing
 - Blockchain & IoT
 - How the Internet Works
- And many more

IoT past presentations of Interest

- Computer Club Videos on Vimeo
208 Videos

Computer Club Vimeo

CYBER SECURITY

[My Profile](#)

[Account Statements](#)

[Resident Directory](#)

[My Neighborhood](#)

[My Memberships](#)

ANNOUNCEMENTS

- [The Breach Announcement from HCA Healthcare](#)

Announcements

Wednesday, July 12, 2023

Apple issues Rapid Security Response 16.5.1 (c) and others

Apple is rolling out Rapid Security Responses for most devices as this is being written.

16.5.1 (c) for iOS & iPadOS
macOS 12.6.8 and 13.4.1 (c)

Appears the goal is Safari 16.5.2

Rapid Security Response might indicate the severity and purpose.

Posted by John Jamison at 1:31 PM No comments



HCA Healthcare suffers a data breach affecting 11 million patients - What to know

This story from CBS News July 11, 2023.

Hospital and clinic operator HCA Healthcare suffered a major attack risking the data of 11 million patients.

The stolen data includes names, addresses, contact information, appointments, and others.

HCA learned of the breach July 5, 2023. One of the largest breaches in history.

HCA should be contacting affected patients.

HCA asks patients to contact them before paying any invoices. The CBS article lists the HCA contact information as 844-608-1803. Please use your information from verified resources to contact HCA Healthcare.

With the scope and numbers of this data breach, expect increased phishing, identity theft, and focused attacks.

St. David's is a HCA facility. You should check on your providers.

The notice HCA Healthcare is sending to affected customers:



Blog Archive

- ▼ 2023 (42)
- ▼ July (3)
 - Apple issues Rapid Security Response 16.5.1 (c) ...
 - HCA Healthcare suffers a data breach affecting 11 ...
 - Apple Removes Rapid Security Response 16.5.1 (a)
- June (5)
- May (9)
- April (8)
- March (9)
- February (5)
- January (3)
- 2022 (70)
- 2021 (53)
- 2020 (55)
- 2019 (28)
- 2018 (57)
- 2017 (52)
- 2016 (16)

- Enhance Technology Education Support

You Can Contribute



INVOICE

Invoice ID: 693-578320

Date: July19, 2023

Order Status: Order Successful.

Helpline Number: +1(888) 726-0242.

Dear User,

Thank you for shopping with us,

Purchase Details:

- **Product Description: iPhone 14 Pro Max 128 Gb**
- **Shipping Mode: Online.**
- **Subscription Charges: \$ 799.00**
- **Payment Mode: Direct-Debit.**



However, if you want to review or cancel your subscription, please contact our helpline number +1(888) 726-0242.

Thanks & Regards,

Billing Department.

- Privacy sandbox version 115
- Third party cookie support
- Privacy Sandbox relevance & measurement APIs
- GDPR response
- Popup lock Chrome
- “Got it” - agree
- Users more control?
- Ad Topics - Interest & Groups
- Site-suggested ads - sites tagging you
- Ad measurement - sites tune their ads

Google Chrome browser privacy

- Unique & Strong passphrases
- Be aware app security processes
Terms of Service; Didn't Read
- Confirm HIPPA compliance
Some data HIPPA exempt
- Download from reliable sources
- Minimal permissions
- Multi-factor authentications
- Scam awareness
- Keep up-to-date
- Discrete Social media

Health Data Protections

- Bluetooth

Android

Swipe down from top of screen

Bluetooth icon inactive

iOS

Control Center

Bluetooth icon inactive

- Location Services

Android

Settings > Location

iOS

Settings > Privacy > Location services

Helpful <-> Harmful

- Wi-Fi Auto Connect

Android

Settings > Wi-Fi > Auto-connect | Auto-join

iOS

Settings > Wi-Fi

blue icon Network Name > Auto-join off

Helpful <-> Harmful

- WordPress All-in-One Security plugin
Logging plain text passwords
- Microsoft to offer access to 31 security tools
Free
For its more affordable cloud service
Chinese breach reported 25 organizations
Some US government State department
Commerce Secretary
Capture and use signing key
Call for access to logs
- AVrecon malware botnet
Linux based SOHO routers
70,000 Ips, 20 countries, 41,000 persistent
Click on ads, interact with outlook
password spraying

Current Issues

- MOVEit yet another SQL injection flaw
SQL powerful commands in data flows
Data stolen, Russia's CLOP gang
extortion??
Added recently Shutterfly Discovery Channel
Major law firms
- Rug Pull
crypto developers run with all assets
- Netherlands Consumers United in Court
class action against Avast
Avast has security suites
Security suites uniquely suited to collect data
Avast sold that collected data
Collected May 2015 till January 2020
Sold thru subsidiary Jumpshot
Jumpshot shutdown after January 2020 disclosure

Current Issues

- China Windows OS replacement?
OpenKylin
- Russia disconnect from Internet?
RuNet
Ukraine involvement?
- Firefox 115 final release for Windows 7
Remotely prevent extensions on websites
- Cross-border Internet consumer privacy
Monetization of consumer data
- Apple Emergency update retraction

Current Issues

- 132 flaws
 - 9 Critical 37 arbitrary code execution
 - 33 privilege elevation 13 security bypass
 - 22 possible denial of serviceInternet Explorer out of support
Some IE components still in use
MSHTML

Edge is good for features

Other browsers for security Please

Microsoft Patch Tuesday July

- WormGPT ChatGPT w/o abuse prevention **generate an email intended to pressure an unsuspecting account manager into paying a fraudulent invoice**
- Microsoft revokes 100+ malicious drivers
- Google Play & developers
Now need D-U-N-S number
- No Threads for you
- Twitter changes Direct Messaging settings
Message Request Inbox
- HCA Healthcare breach - St. David's
Assume any/all of your data is anyone's data

Current Issues



Direct Messages

Control who can message you

Depending on the setting you select, different people can send you a direct message.

[Learn more](#)

Allow messages only from people you follow

You won't receive any message requests

Allow message requests only from Verified users

People you follow will still be able to message you

Allow message requests from everyone

People you follow will still be able to message you

Twitter Direct Message Settings

- Russia invades Ukraine, your Internet working?
- User jammed HBO
- German wind farms
- *Software Security Analysis of Satellites*
- Not good news
- Hack-A-Sat 4
- Repair satellites in orbit robotics
- Disrupt satellites in orbit
- Disrupt satellite communications/data
- Alter satellite communications/data

Satellite Security?

- Whole Foods
- Amazon One - Palm recognition service
- Register your palm - get discounts

- Panera Bread
- Coors Field in Colorado
- Airport travel retailers
- Sports & entertainment venues

Amazon Pay-by-Palm



Robots removing illegally parked cars

- Helpful < - > Harmful
- Awareness, Preparedness, Understanding

Computer Club, Help Center, SIGs,
Presentations, classes

Cyber Security SIG meetings, NEWSBLOG
Internet

- Questions, suggestions, comments?

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