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

SCCCCyber

Wednesday, July 12, 2022

Apple issues Rapid Security Response 16.5.1 (c) and

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 Juniorson at J. \$1,000 Har community P-1275 - F1 69

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

- T 2023 (43)
- July (3)
- Apple insues Rapid Security Response 10.5.1 (s)
- HCA Healthcare suffers; a data breach
- Apple Removes Rapid Security Response 10.5.1 (#)
- = June (5)
- May (9)
- h April (8)
- m Marson (9)
- = February (6)
- January (3)
- □ 2022 (70) ≥ 2021 (63)
- E020 (58)
- ≥ 2010 (28)
- ≥ 2018 (87)
- = 2017 (62)
- P 2010 (18)

ber Security News Archive

Enhance Technology Education Support

You Can Contribute



INVOICE

Invoice ID: 693-578320

Order Status: Order Successful.

Date: July19, 2023

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
```

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

- MOVEit yet another SQL injection flaw SQL powerful commands in data flows Data stolen, Russia's CLOP gang extorsion??
 Added recently Shutterfly Discovery Channel Major law firms
- Rug Pull crypto developers run with all assets
- Netherlands <u>Consumers United in Court</u> 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

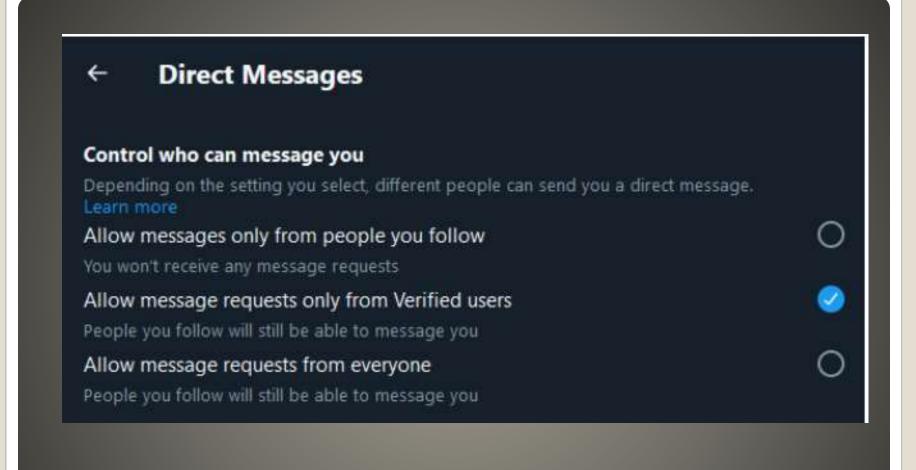
- China Windows OS replacement?
 OpenKylin
- Russia disconnect from Internet?
 RuNet
 Ukraine involvement?
- Firefox 115 final release for Windows 7
 Remotely prevent extensions on websites
- Cross-border Internet consumer privacy
 Monetization of consumer data
- Apple Emergency update retraction

132 flaws
 9 Critical 37 arbitrary code execution
 33 privilege elevation 13 security bypass
 22 possible denial of service
 Internet 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



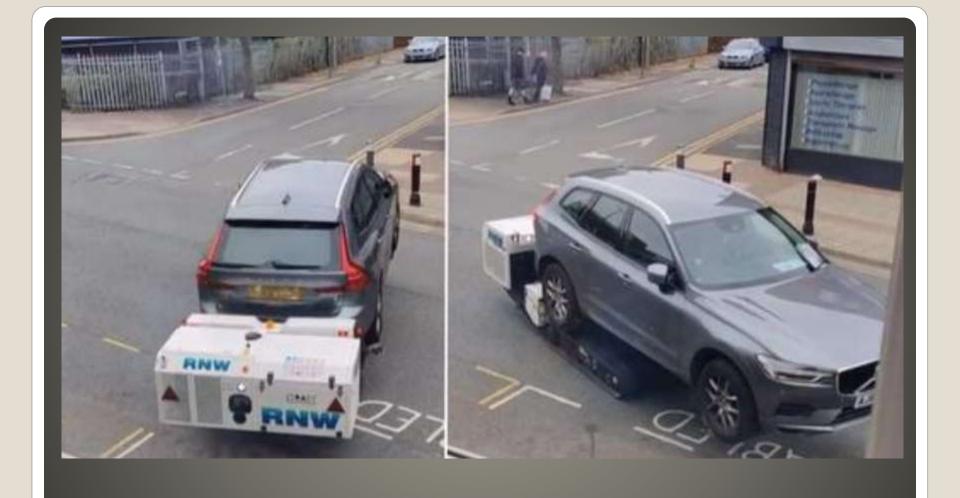
Twitter Direct Message Settings

- 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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