

Sun City Computer Club

Cyber Security SIG

November 18, 2021

**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**

- Ever want to be a presenter??

Presenter???

- Kroger Bitcoin press release – fake
Investor relations page
Direct feed from PR Newswire
“trusted source”
et tu Walmart
- Ransomware battle
Arrests, Sanctions, Bounty (\$10M)
Inflation Supply chain
- Pwn2Own – Austin
Phones > Smart TV, wearables, smart speakers >
Network Attached Storage > home office equipment,
routers, printers
61 new vulnerabilities \$1,081,250

Current Issues

- October 31 Windows 11 apps
Snipping tool, touch keyboard, emoji panel
Expired certificate
Fixed then fixed
- GetLab servers hacked and configured as
DDOS botnet
- JavaScript packages *coa* & *rc*
8.8 million 14.2 million downloads per week
Node Package Manager
- CISA Cyber Security and Infrastructure Agency
Published catalog 176 vulnerabilities
Mandated patches by Nov 17, 2021
- BLE fingerprinting RF emissions

Current Issues

- Palo Alto “GlobalProtect” firewall
CVE score 9.8 CVE-2021-3064
Shodan list
- Microsoft Patch Tuesday
Still lacking correct fix for LPE in User Profile Service
55 vulnerabilities
- Chrome 96 25 new vulnerabilities
yeahbut Instagram, Twitter, Discord, etc.
Something went wrong, Try reloading
96.0.4664.45

Current Issues

- Money – medium of exchange
- Ransomware – wealth move here to there
- Un planned
- Where does *it* go?
- As each of us are safer, we all are safer
- Hackers are Internet's immunity system
- Patches - vaccine
- Too busy to patch? BOTNET
- Last presentation
 - bi-directional Unicode attack
 - Meltdown & Spectre

A Pause

- Advertisers pay websites to display their ads
- Clickbait
- Create and populate thousands of fake public sites
- Populate with video ads (they pay more)
- Create bots to trigger those ads
and create revenue all over the world
how much revenue?
\$3M to \$5M per day
Methbot caught 10 years

Web Based Advertisers

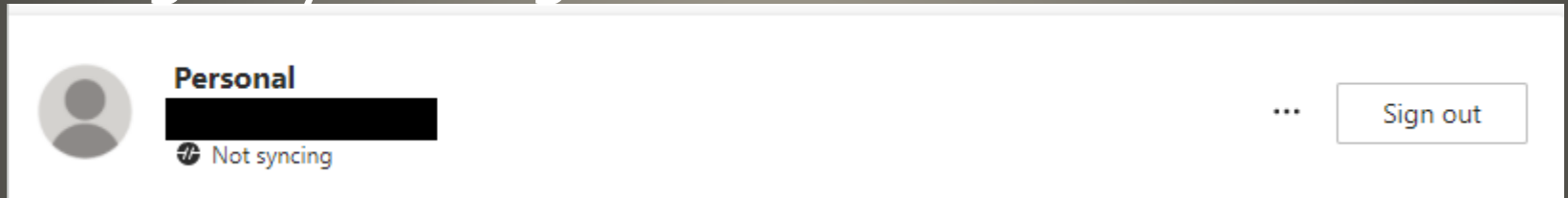
- Too much, too close
- Core memory
- Rowhammer
- Blacksmith

Scalable Rehammering in the Frequency Domain

- ECC helps

DRAM

- FBI external eMail system breached
Sending our false warnings
- Emotet returns Nov 15, 2021
- Edge synching?



- Edge requests passwords, passport numbers, vaccine status, ...

Current Issues



Assistance from Microsoft Edge



We're now syncing your browsing data

Always have access to your favorites, passwords, history, and more anywhere you use Microsoft Edge.

[Microsoft Privacy Statement](#) | [Learn More](#)

Got it

Settings

Today

- Windows 10 21H2
Cumulative Update Preview
Malicious Software Removal Tool
- Windows 11 Dev channel 22504.1000
2200.318
- Apple Monterey
- Chromebook Chrome OS 94.0.4606.124
Chrome 96.0.4664.45
Chromium based browsers
Brave, Edge, ToR, Opera,

Today

- Just take this QR code to your ATM. Thanks
less scrutiny than bank teller
Not fiat currency protections

Current Issues

Yesterday 12:17 PM

Free Msg-J.P. Morgan Chase
Bank Alert-Did You Attempt A
Zelle Payment For The Amount
of \$5000.00?
Reply YES or NO Or 1 To Decline
Fraud Alerts

NO

SMS Then Voice Phishing

- No Links just Yes No buttons
- Are you the account owner?
- Or are you the scammer?

- Multiple lines?
- Place on hold call Bank?
- BUT Not the caller ID number!!

SMS Then Voice Phishing

- Maintain old accounts?
 - Obtain abandon policy
 - Keep updated inventory
 - No warrant needed for abandoned accounts
- Rebuild inventory
 - Search “Welcome” “Verify”
- Search your Identity
- Set Google Alert
- Check privacy policy/settings
- People Finder Services
 - [Privacy Rights Clearinghouse](#)

Current Issues

- California Privacy Act
<https://oag.ca.gov/privacy/ccpa>
- VPN
- Incognito mode
- Awareness, Preparedness, Understanding

- Your input??

Current Issues

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

Computer Club, Help Center, SIGs,
Presentations, FirstTime, classes
Cyber Security SIG meetings, NEWSBLOG
Internet

- Questions, suggestions, comments?

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