

Questions, Issues,
Concerns, Suggestions
Welcome at any time
Even Now

Sun City Computer Club

Cyber Security SIG

August 2, 2018

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- Safer not Safe
- E-postcard not e-mail
- ADMINISTRATOR
- Passphrases not passwords
- Radio not wireless

Vocabulary

- Security Camera serial number
- PlaneBae
- Sam\$am
- DNS rebinding

Current Issues

Vulnerable device manufacturers¹

Representative manufacturers

Estimated number of vulnerable devices, worldwide²

87%

of switches, routers, and access points

Aruba
Avaya
Cisco
Extreme
Netgear

14 million

78%

of streaming media players/speakers

Apple
Google
Roku
Sonos

5.1 million

77%

of IP phones

Avaya
Cisco
Dell
NEC
Polycom

124 million

75%

of IP cameras

Axis Communications
GoPro
Sony
Vivotek

160 million

66%

of printers

Hewlett Packard
Epson
Konica
Lexmark
Xerox

165 million

57%

of smart TVs

Roku-integrated
Samsung
Vizio

28.1 million

©2018 Armis, Inc Research on estimated exposure of enterprise devices by DNS Rebinding

% of devices impacted by manufacturer and estimated global enterprise exposure

- Venmo public by default
- Google Docs
- CCleaner yet again
- Browser site isolation
- DC Police surveillance camera hack
- Police department ransomware - thrice

Current Issues

Sun City Texas Computer Club Meetings Calendar August 2018

JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC

Sun	Mon	Tue	Wed	Thu	Fri	Sat
29	30 1 pm - 2 pm Computer Club - Cyber Social - Ballroom	31 1 pm - 3 pm Help Center - Annex	August 1	2 10 am - 11:30 am Budget Meeting - Annex 3 pm - 4 pm Cyber Security SIG - Annex	3 9 am - 12 pm Help Center - Annex	4 9 am - 12 pm Help Center - Annex
5	6 1 pm - 2 pm Computer Club - Ballroom 7 pm - 9 pm Reserved Meeting - Annex	7 1 pm - 3 pm Help Center - Annex	8 9 am - 11:30 am Genealogy - DNA SIG - Annex	9 10 am - 11 am Internet of Things - SIG - Annex	10 9 am - 12 pm Help Center - Annex	11 9 am - 12 pm Help Center - Annex
12	13 9:30 am - 11:30 am CC Board Meeting - (Annex)	14 1 pm - 3 pm Help Center - Annex	15 12 pm - 2 pm Geni: Adoption Research - Classroom	16 10 am - 11:30 am Regular Genealogy SIG Meeting - Atrium 3 pm - 4 pm Cyber Security SIG - Annex	17 9 am - 12 pm Help Center - Annex	18 9 am - 12 pm Help Center - Annex
19	20 9:30 am - 10:30 am Quicken SIG - Annex 1 pm - 2 pm Computer Club - Ballroom	21 1 pm - 3 pm Help Center - Annex	22	23 10 am - 11:30 am Genealogy - FTM SIG - Annex	24 9 am - 12 pm Help Center - Annex	25 9 am - 12 pm Help Center - Annex

- Cellular first
Stingray
revert 2G
- VPN at router
reduce costs
can cause location problems (banking)
- Auto (re)connect
- Pay vs. "free" trial
- What, just one?
- Ad blocker anti-malware site filter DNS
safer

VPN

- OpenVPN vetting
- Market opening more vendors/options
- A tool to have
- Geo fencing – good and bad
- Speed, latency, blocking
- Purchase method
- Net neutrality
- Private Network
via encrypted tunnel

VPN

- Encryption to endpoint
- Tracking still possible
- Terms of Service Privacy Policy
- Kill switch

VPN

- Questions, suggestions, comments?
- The **amnesic** in **cognit**o **live**s system - tails
 - Chicken Little
 - Tortoise and hare
 - Each of us safer, all of us safer
 - Do nothing – no problem
- Do everything - catastrophic

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