Sun City Computer Club

Cyber Security SIG

October 21, 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???

- Increase on requests for advice
- ZOOM
  Cater to the shy
  Capture the collective experience
  View on your schedule / pace

WHY??

- PLEASE (re)read   Cyber Security SIG
  Meeting Notes 2021
  Audio available in each presentation

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May 27 Cyber Security Q&A Session	👁 View	⬇ Download
May 3 Cyber Security Special ALERT presentation with audio	👁 View	⬇ Download

- PIN Personal IDentification Number
  THE key to our digital/cyber life – wealth
- FCC efforts on SIM swapping & port-out
  SNAKEN/STIR June 2021
- Multi Factor authentication
  Something you know – passphrase
  Something you have
    SMS, authenticator, security key
  Something you are – biometrics
    Fingerprint, facial recognition, voice, iris
  Something you can do
    Typing pattern

IDentity

- IDentity now almost all digital
  HIIDE   OPM
- IDentity theft - misnomer
  your IDentity still there
  aspects of IDentity are gone
  never coming back
  never fully recovered
- We are used to giving IDentity aspects away
- Select which aspects to use and how
- Multiple
- Multiple eMail addresses
- Multiple phone numbers
- Multiple social identities
- Multiple first pets, birth places, etc.
- Selective multiple birthdates
- Multiple USPS delivery points

IDentity

- Information gives no indication of being stolen
- COMB
- Facebook phone numbers
- SolarWinds
- Account takeover
  Notify vendor, affected user out of band
  Law enforcement
  Facebook Wife's account – friend request
- Credential stuffing
- Start, maintain, refer to IDentity inventory

IDentity

- VPN – encrypted tunnel in and on Internet
- End point
- VPN reputation – insider threat
- Free vs Fee
- "we don't log" BUT
- DNS separate security concerns
- Drawbacks - VPN load sharing
   VPN outages
   loss of speed - encryption and distance

BUT I use a VPN

- Voice mail
  Edit of actual voice
- Facebook or social media posts
  Video and/or voice
- News media
  Newspaper, magazine, evening news, etc.
- Deep fakes as a service

Deep Fakes

- Helpful <-> Harmful
- Video, GPS, Voice
- Vehicle rifling - motive

Garmin

- Thermostat
- Digital Locks
- Doorbells
- Security cameras – known
- Security cameras unknown
- Smart TV
- Smart streamers
- Fitness trackers
- Smart plugs
- Smart Phones Smart tablets
- Smart speakers
- Amazon sidewalk

Stalkerware etc.

- Reciprocal
- TRUST
- Once stolen/cloned   ---
- Rental car

Contacts

- Reputation Score
- NEIGHBORS
- Remove request – "Public record"

MyLife

- Must provide Personal Information you attempting to protect

PII Protection services

- Multiple times
- August 2021
  40 Million potential customers
  Name, DOB, SSN, Driver's license info
  prepaid? Add account PIN
- Internet interest or wait list

T-Mobile

- Choose carefully
- Winter utility bill
- ISP and mobile carrier Data charges

Pre-Pay Auto-Pay

- Call this number if you wish to cancel the $3xxx charge to your credit card
- Click here to avoid e $3xxx subscription renewal
- Or similar
- Appear to come from well known companies
- Call center VERY well trained
- Just give us your credit card to cancel that charge

- Gmail + eMail john+ebay@gmail.com

eMail

- W2 info - Tax refund - prepaid Visa
- Insider or spear phishing
- San Marcos employees
- File Early
- Get annual PIN helpful <-> harmful
- Owe at tax deadline

Tax Fraud

- POTS Plain Old Telephone System
   worked during most power outages
   work past battery life
   911 more precise physical location
- Service fidelity
- Cellular flood avoidance
- Phone directory
- Price
- Home security system
- Kids
- Extensions
- Phone number stability

Land Line

- House infrastructure
- Easily tapped
- Can't transfer number when moving

- Robo calls   helpful <-> harmful
- SHAKEN/STIR
- Answering machine
  One ring
  recording blare
- Inherit "Do Not Call"
- Inherit "Do Call"
- FAX Modem
- FAX Modem answering noise

Land Line

- Phone Numbers
  Virtual phone number(s)
- eMail addresses
  Virtual eMail addresses
- Browsers
  Browser setups
- Postal addresses
- Social Media Identities
- Lives (birthdates, first pets, etc.)

Multiple

- Accept loss of control of existing phone numbers
- Accept – maby we can use multiple lines
- Inventory   Start, Maintain, Use
- Landline Voice over IP (VoIP)
   cable modem with VoIP port   wired
- Cellular
    Add lines to existing plan
    Walgreen burner
    Check carrier coverage
   provider options
     new numbers
     Voice mail options & charges
     Area codes *Be very careful*

Multiple Phone Numbers

- Informed Delivery
  Verification by public records
- Post Office Box
  Checks, prescription delivery
- Mailbox chime
- Outbound mail
- USPS boxes "for delivery of postage paid"
  not business cards, flyers, etc.

Postal Mail

- Return label – criminals
- Unsolicited check – criminals
- Brushing scams - Fake reviews
- Returns to store or shipper's office
   Not from carrier
- Strong signal to check your IDentity
- Report to law enforcement

FedEx UPS

- Computer Club classes
  Computer and Information Security
  Digital Legacy
  Learning Wireless Networking
  Password Manager
  Safer Use of Electronic Devices
  Safer WEB Browsing
  Securing a Home Network
  Zoom Participation and Hosting
  and more   Your Suggestions?

Other resources

- Computer Club Special Interest Groups Internet of Things
   IoT Security   Whole House Control IoT
   Blockchain & IoT Suddenlink billing iDevices
- Computer Club WIKI
- Computer Club Message Board
- Computer Club Help Center
- Self Defense Club Self & Home Security
- Your suggestions/Input?

Other Resources

- 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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