Sun City Computer Club

Cyber Security SIG

February 17, 2022

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???

Apple AirTag

- Modified Air Tag no or disabled speaker
- Apple Air **Tag Found Moving With You**
- Android **Tracker Detect**

- Tap the message, then tap **Continue**.
- If you can't find the AirTag yourself, tap **Play Sound**.
- When you find the strange AirTag, tap **Learn About This AirTag**. You'll see its serial number and whether or not it's marked as lost.
- Tap **Instructions to Disable AirTag** and follow the onscreen steps to stop sharing your location.

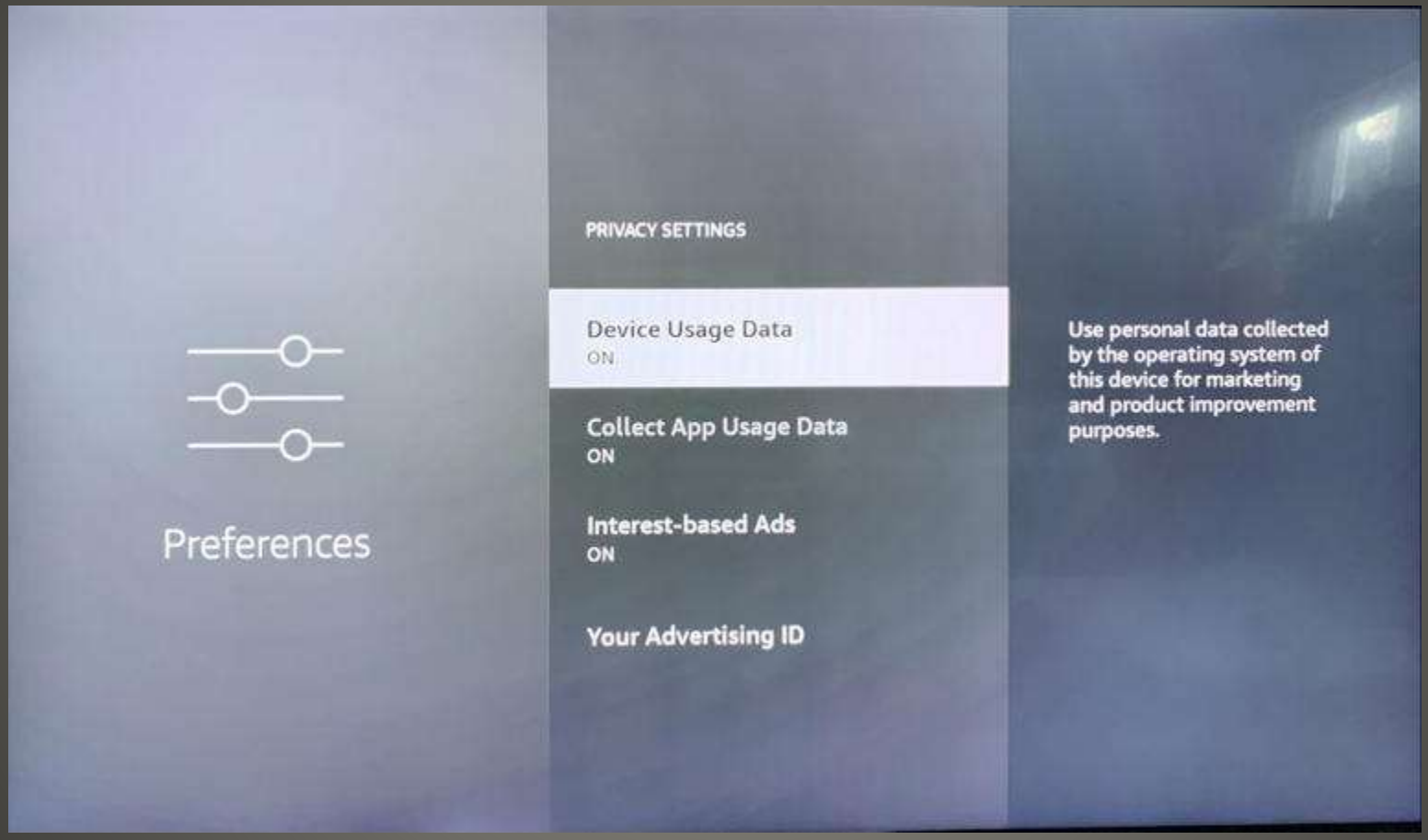
Apple AirTag

- AirTag “Finder”
- Scan lost AirTag with intent of returning
- Attacker modifies “I’m lost” message
  - Unique URL at found.apple.com
  - Fake iCloud login page
  - Lost on purpose

Steamers

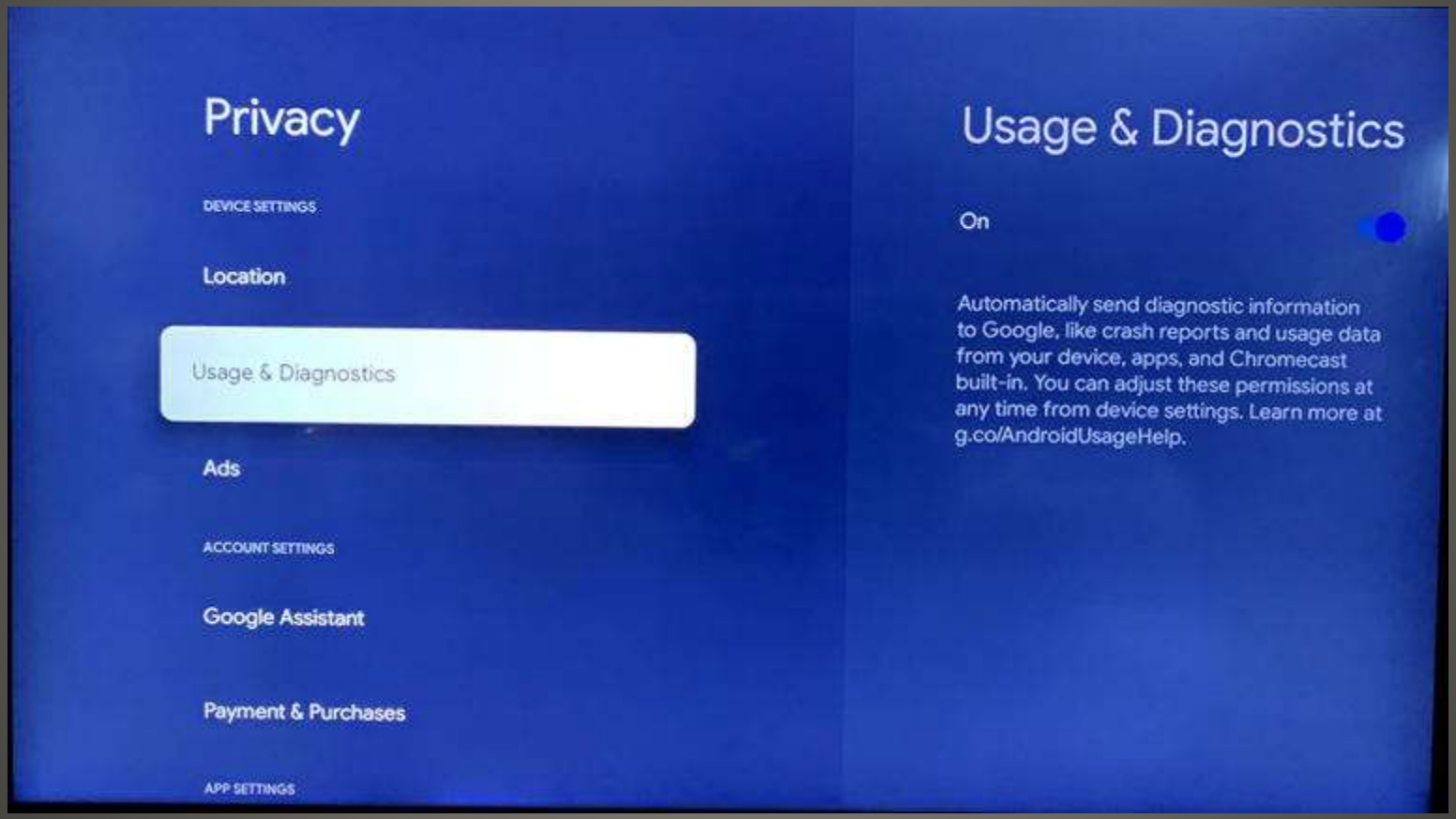
- Amazon Fire TV Stick
- Google Chromecast
- Roku
- Apple TV

- Settings -> Preferences -> Privacy settings



Amazon Fire TV stick

- Settings -> Privacy



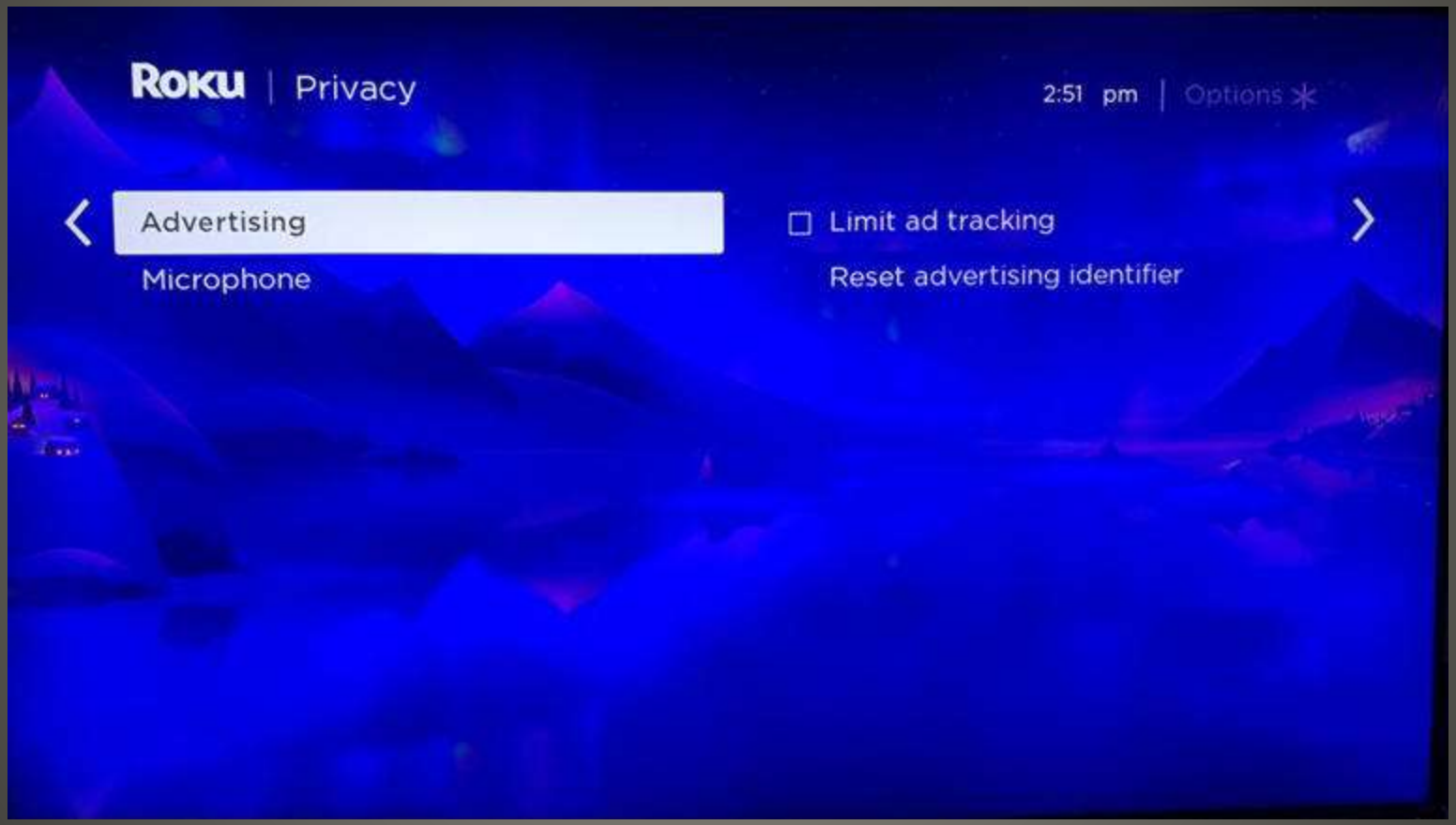
Google Chromecast

Google Chromecast

- Usage & diagnostics Off
- Ads -> Opt Out of Ads Personalization

- Google YouTube Chrome search
- http://myactivity.google.com/

- Settings -> Privacy



Roku

- Advertising Limit ad tracking
- Microphone -> Channel Microphone access

Roku

Apple TV

- Privacy -> Analytics and Improvements
- Tracking Allow Apps to Ask to Track On
- Share Apple TV Analytics Off
- Improve Siri and Dictation Off

Privacy
Photos
Bluetooth
HomeKit
Media & Apple Music
Apple TV Users
ANALYTICS AND IMPROVEMENTS
Share Apple TV Analytics
Off
Improve Siri & Dictation
Off
Analytics Data
About App Analytics & Privacy

Apple TV

Current Issues

- IRS ends Facial Recognition to access accounts
- Brushing scams on the rise
- 40 of 49 Starlink satellites destroyed
- Declassified document

  CIA sweeping up information on US citizens

  Unknowns: how pervasive, how it got there
- Coinbase floating QR Super Bowl Ad
- Zoom "mic on" V 5.9.3
- International Committee for Red Cross

  500,000 people getting assistance from Red Cross

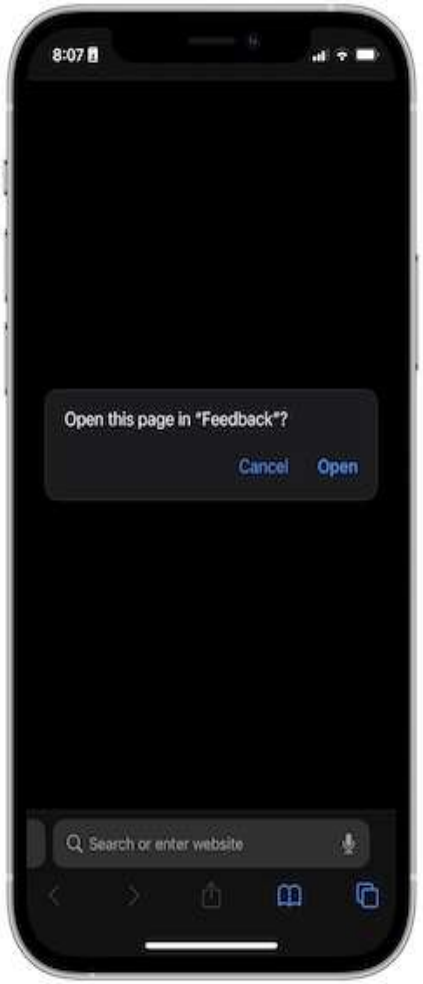
  Restoration Family Links

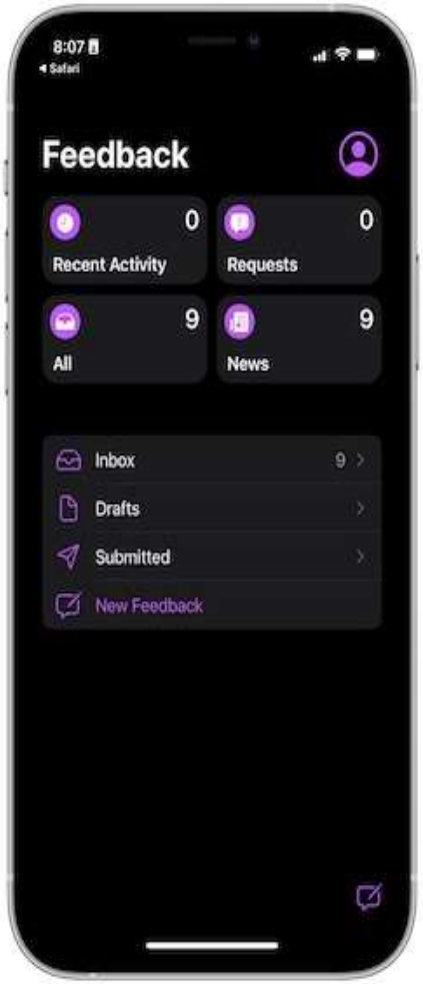
- CAUTION
- Field Test
- Print Center
- Diagnostics
- QR Code Scanner
- Magnifier
- Feedback Assistant
- CAUTION

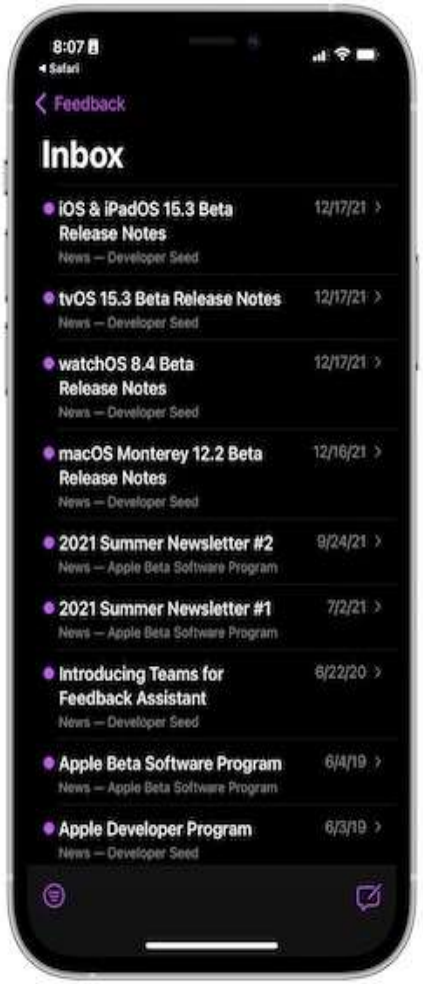
iPhone Hidden Apps

Feedback Assistant

- Apple feedback Public or Beta iOS
- Safari applefeedback://
- Requires Apple ID


8:07
Open this page in "Feedback"?
Cancel
Open
Search or enter website


8:07
Safari
Feedback
0
Recent Activity
0
Requests
9
All
9
News
Inbox
9
Drafts
Submitted
New Feedback


8:07
Safari
Feedback
Inbox
iOS & iPadOS 15.3 Beta Release Notes
12/17/21
News — Developer Seed
tvOS 15.3 Beta Release Notes
12/17/21
News — Developer Seed
watchOS 8.4 Beta Release Notes
12/17/21
News — Developer Seed
macOS Monterey 12.2 Beta Release Notes
12/16/21
News — Developer Seed
2021 Summer Newsletter #2
9/24/21
News — Apple Beta Software Program
2021 Summer Newsletter #1
7/2/21
News — Apple Beta Software Program
Introducing Teams for Feedback Assistant
6/22/20
News — Developer Seed
Apple Beta Software Program
6/4/19
News — Apple Beta Software Program
Apple Developer Program
6/3/19
News — Developer Seed

Magnifier

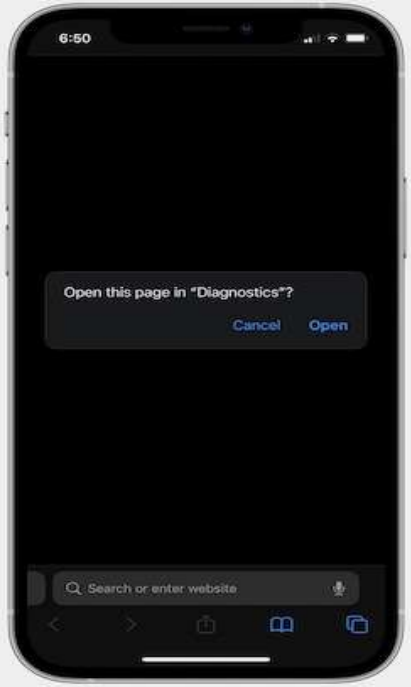
- Was accessibility feature Now App
- Spotlight Magnifier

7:01
Search
Customize Controls
Done
Add and organize controls you use most often.
PRIMARY CONTROLS
Zoom
Drag up to two controls to always be shown.
SECONDARY CONTROLS
Brightness
Contrast
Filters
Flashlight
OTHER CONTROLS
Cameras
Focus Lock
Filters
End
1 of 1
Photos will not be saved to your photo library.

- App store
- Camera App
- Settings -> Control Center Add magnifier

QR Code Scanner

- Safari diags://

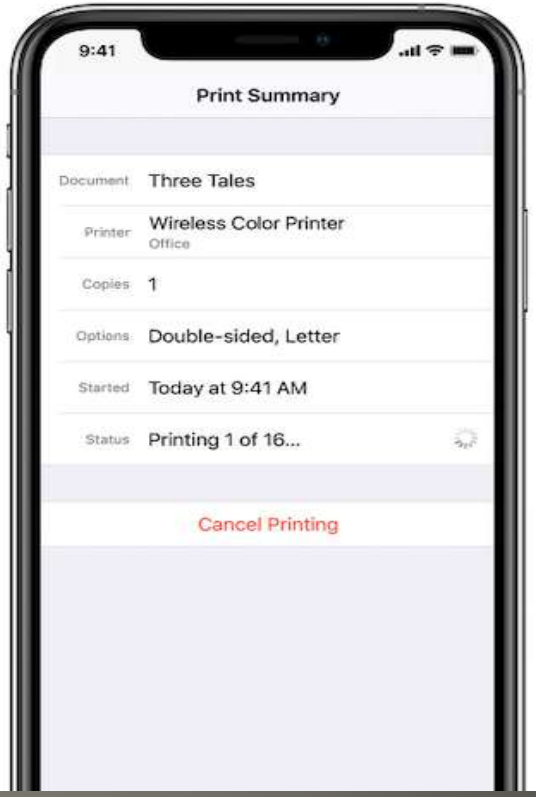


Diagnostics

- WHILE Printing via AirPrint

View a print job

Cancel a print job



Print Center

Field Test

- CAUTION
- *3001#12345#*
- Call

3001#12345#
Add Number
1
2 ABC
3 DEF
4 GHI
5 JKL
6 MNO
7 PQRS
8 TUV
9 WXYZ
*
0 +
#
Favorites
Recents
Contacts
Keypad
Voicemail

7:08
Phone
Swipe to delete
Cell Info
kCTCellMonitorBandInfo
Cell Info
kCTCellMonitorCellRadioAccessTechnology
Cell Info
kCTCellMonitorDeploymentType
Cell Info
kCTCellMonitorTAC

7:08
Phone
All Metrics
Last seen: Fri, 07:08:16 CST
PLMN
704 1
Band Info
2
Bandwidth
20 MHz
CellID
520993
Radio Access
LTE
CellType
Serving
DeploymentType
LTE (0)
PCI
206
RSRP
-96
TAC
4991

Current Issues

- Feds seize $3.6B in bitcoin
  Mistake years ago? We still see it
  Hacking - hard to prove
- French president refuse Covid test
  Russia visit - DNA theft fears

AirTags

- Helpful <-> Harmful
- Find my spouse
- Track my spouse
- Alert
  Traveling in car with another's AirTag
  Borrowing key ring with another's AirTag
- Alert
  Tracking stalkerware
  Tracking high value car for car theft
- AirTag and associated Apple ID
- Law Enforcement

San Francisco
16°
AirTag is Linked To Your Apple ID
karina.cavanna@icloud.com
(408) 555-0941
AirTag is intended solely to track items that belong to you.
Using AirTag to track people without their consent is a crime in many regions around the world.
AirTag is designed to be detected by victims and to enable law enforcement to request identifying information about the owner.
Continue

9:41
Monday, June 3
Unknown Accessory Detected

9:41
Monday, June 3
Unknown Accessory Detected

AirTag

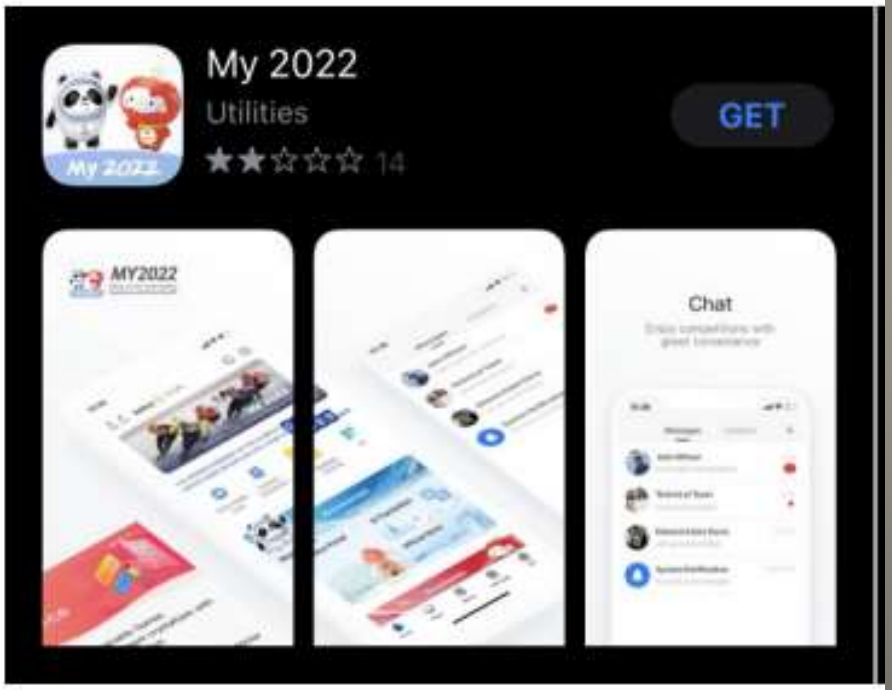
- iPhone 11, 12, 13, …
- Precision Finding
  Sounds, Haptics, Visual feedback
- AirTag support page
  Instructions on disabling AirTag
  Links to
  National Network to End Domestic Violence
  National Center for Victims of Crime

- Digital Frisking

Security Cameras safer

- Network Segregation
- Strong Account names and Passwords
- Change passphrases often
- Use MFA
- Update firmware and add firewall
- Use Geo Fencing
- Monitor Activity
- Filter benign alerts
- Consider privacy shutters
- Consider location
- Get CA approval

- SAMBA CVS 9.9
- China Olympic “must install” App
  My2022



Current Issues

Current Issues

- Chrome v98.0.4758.102
- Apple iOS, iPadOS, macOS, Safari
  CISA says patch
- ModifiedElephant spy then evidence planting
- Local newscast drugged then theft

InControl

https://www.grc.com/incontrol.htm

Introducing "InControl"

- Never10 —> Never11 —> StayPut —> UnderControl —> TakeControl —> InControl.
- 82kb of x86 assembly code.
- No setup or install.
- Manages six different Registry key values to get Windows Update under control.

A reporter interviews a Uyghur human-rights advocate, and uses the Otter.ai transcription app.

> The next day, I received an odd note from Otter.ai, the automated transcription app that I had used to record the interview. It read: "Hey Phelim, to help us improve your Otter's experience, what was the purpose of this particular recording with titled 'Mustafa Aksu' created at '2021-11-08 11:02:41'?"

Customer service or Chinese surveillance? Turns out it's hard to tell.

Otter.ai transcription app

- 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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