

# Sun City Computer Club

Cyber Security SIG

March 19, 2020

**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**



- Georgetown Police Sun City burglary
- eMail MFA protect others
- SMS "We will not call or text you for this code"
- VPN vendors free trials for teleworkers
- Hack the pentagon Defcon gets F-15
- AMD processor vulnerability
- Intel processor vulnerability
- SETI shutdown 21 year
- Folding@home
- FuzzBench

## Current Issues

- <https://arstechnica.com/science/2020/03/dont-panic-the-comprehensive-arstechnica-guide-to-the-coronavirus/>

**COVID-19 article with daily updates**

- TLS 1.0 1.1 warning page
- Telecommuting? Computer virus
- Apple gaze detection
- Eliminating Abusive and Rampant Neglect of Interactive Technologies  
EARN IT  
earn Section 230 protections
















## Current Issues

- General
- Security
- Privacy
- Timeline and Tagging...
- Blocking
- Language
- Notifications
- Mobile
- Followers
- Apps**
- Adverts
- Payments
- Support Inbox
- Videos

### App Settings

Logged in with Facebook 124 | Logged in Anonymously

On Facebook, your name, profile picture, cover photo, gender, networks, username and user ID are always publicly available to both people and apps. [Learn why.](#) Apps also have access to your Friends list and any information that you choose to make public.

- |  |  |   |
|--|--|---|
|  <b>9GAG</b><br>Only Me                   |  <b>500px</b><br>Public                |  <b>AAJKITEM</b><br>Friends    |
|  <b>About You</b><br>Only Me              |  <b>Angry Birds Friends</b><br>Only Me |  <b>Answers.com</b><br>Friends |
|  <b>Aol Tech</b><br>Friends               |  <b>AppTap Network</b><br>Only Me      |  <b>Audials</b><br>Only Me     |
|  <b>Be Gujarat's Brand ...</b><br>Friends |  <b>Bing</b><br>Friends                |  <b>BlaBlaCar</b><br>Friends   |
|  <b>Blurtit</b><br>Friends                |  <b>BookMyShow (India)</b><br>Only Me  |  <b>BranchOut</b><br>Friends   |

Show all ▾

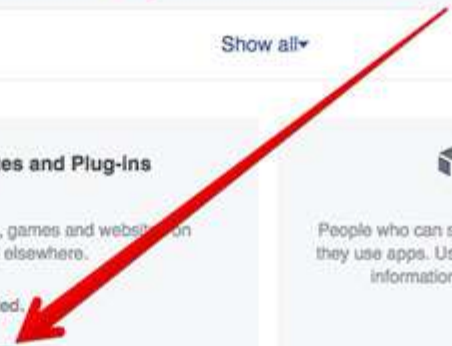
#### ⚙️ Apps, Websites and Plug-Ins

Lets you use apps, plug-ins, games and websites on Facebook and elsewhere.

Enabled.

#### 📦 Apps others use

People who can see your info can bring it with them when they use apps. Use this setting to control the categories of information that people can bring with them.



- May May not have updates for 3 years
- Current Android version 10
- Security patch level depends on vendor
- Google play store 1700 apps for Bread
- Which Android version do I have?

**Android**

APPS

WIDGETS



imo



JuiceSSH



Keep



LastPass



Maps



Memory Trainer



Mendeley



Mint



MyOCOU



OneNote



Photos



Play Books



Play Games



Play Movies & TV



Play Music



Play Newsstand



Play Store



Pocket



PowerPoint



Pudding Monsters



Put.io



Quickoffice



reddit is fun



Scholarley



Settings



Sheets



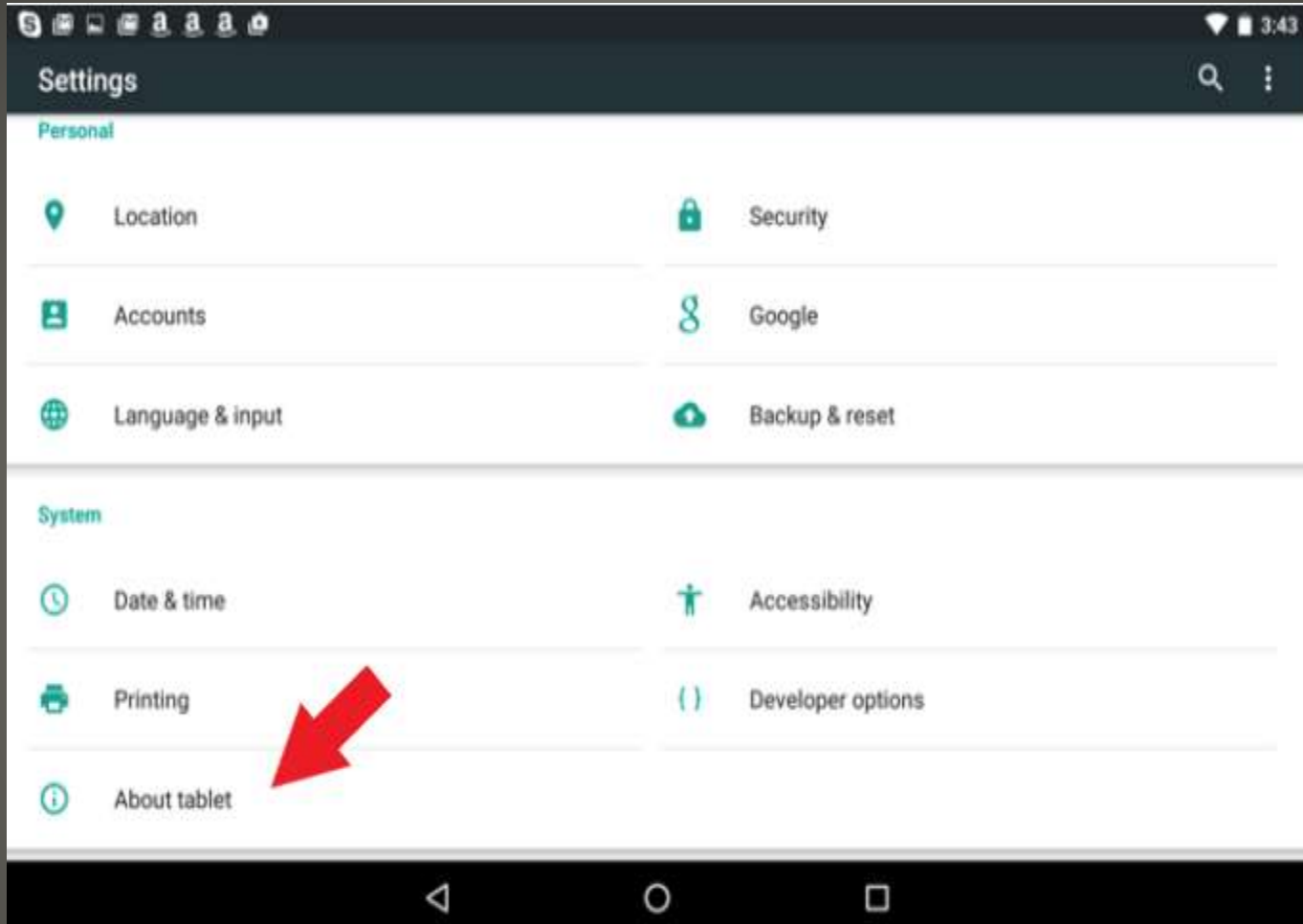
SketchBookX



SketchGuru







**About Phone -> Software**



3:43

## ← About tablet



Regulatory information

Send feedback about this device

### Model number

Nexus 7

### Android version

6.0

### Android security patch level

October 1, 2015

### Kernel version

3.4.0-ga5a4133  
android-build@wpix7.hot.corp.google.com #1  
Mon Aug 17 21:50:19 UTC 2015

### Build number

MRA58K



- 10 10
- 9 Pie
- 8 Oreo
- 7 Nougat
- 6 Marshmallow
- 5 Lollipop
- 4.4 Kit Kat
- 4.1 Jelly Bean
- 4.0 Ice Cream Sandwich
- 3.0 Honeycomb
- 2.3 Gingerbread
- 2.2 Froyo
- 2.0 Eclair
- 1.6 Donut
- 1.5 Cupcake

**Names**

- Patch level
- Kernel version
- Build number
- Manufacturer
- Custom ROMs rid bloat
- Full Disk Encryption
- File Based Encryption
- Secure Startup
- Secure boot
- Hot vs Cold device

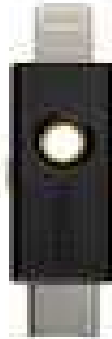
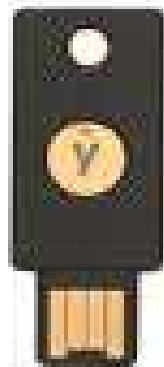
**Android**

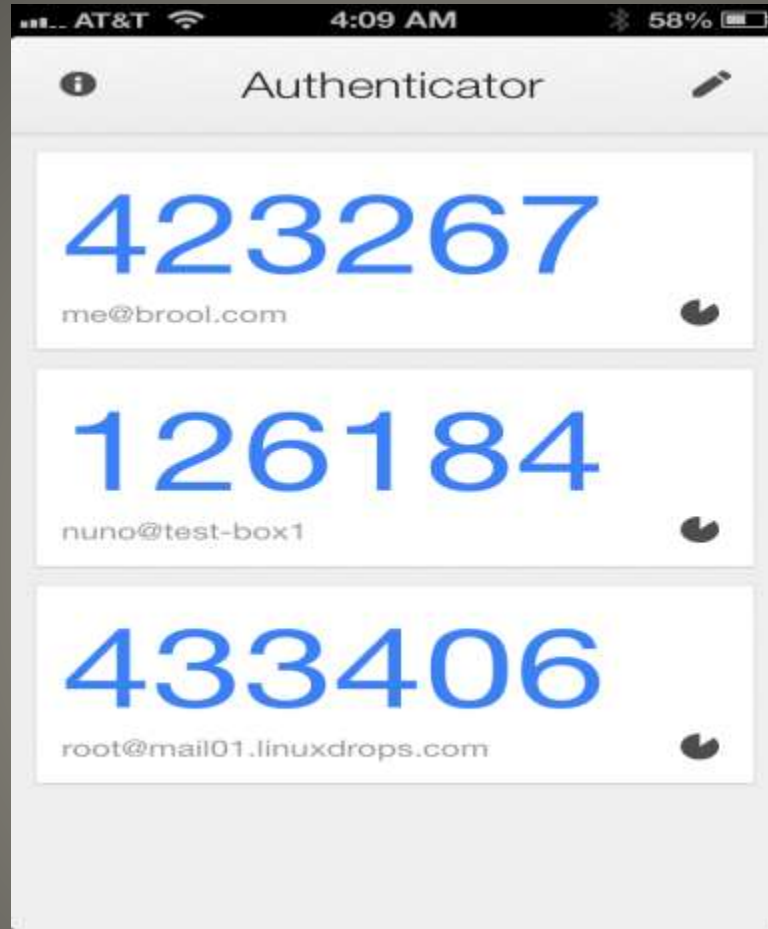
- checkm8
- Chip vulnerability can't be patched
- Filesystem access
- More control H/W & S/W

**iPhone**



**Security FOB Smart cards**





# Authenticator App



- Passphrase mess
- “I forgot my password” solution?
- Secure Quick Reliable Login
- IDentity is confirmed/validated
- Identity is NOT asserted
- Client side per-site data is not stored
- No third party
- Safe from replay

**SQRL**

- Tighter binding to Identity
- Paper rescue code
- QR code & text
- SQRL passcode

**SQRL**

- 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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QUESTIONS?

