Sun City Computer Club

Cyber Security SIG

October 17, 2019

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

- Magecart card skimming malware
   18,000 sites
   British Airways, Baseball Hall of Fame, Newegg, Ticketmaster,…
   Automated process for compromise
   after market
- Tarmac malware macOS app updates
- Google devices exec "warn guests"
- BriansClub 26 Million cards

Scheme	Value	Reference
Black market price		
Debit, no PIN	$20–30	[35, 49, 21, 44]
Debit with PIN	$110–220	[31, 49, 44]
Credit, no ZIP	$10–25	[35, 49, 21, 44]
Credit with ZIP	$25–60	[35, 49, 21, 44]
Cash-out value		
Credit or Debit (standard)	$400–800	[19, 40, 18, 56]
Credit (premium)	$1,000	[40, 45, 20]
Bank and merchant loss		
Credit	$1,003	[1]
Debit	$650	[12]

Windows Security

Automatic sample submission

Send sample files to Microsoft to help protect you and others from potential threats. We'll prompt you if the file we need is likely to contain personal information.
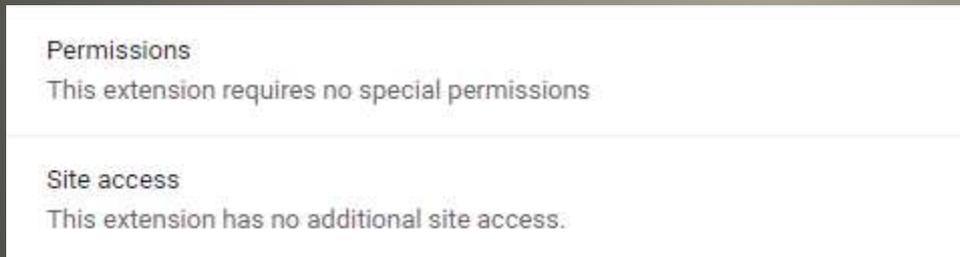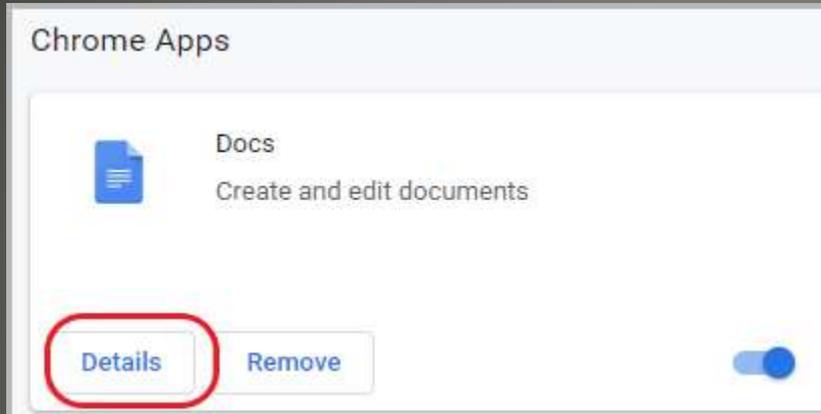
[Off] Off

Submit a sample manually

Tamper Protection

Prevents others from tampering with important security features.

[On] On

Learn more

- Browser extension/apps

Chrome Apps

Docs
Create and edit documents

Details   Remove

Permissions
This extension requires no special permissions

Site access
This extension has no additional site access.

Current Issues

← 🦡 Privacy Badger

On ⬤

Description
Privacy Badger automatically learns to block invisible trackers.

Version
2019.10.8

Size
3.1 MB

Permissions
- Read your browsing history
- Change your privacy-related settings

Site access

Allow this extension to read and change all your data on websites you visit: ⑦

- ○ On click
- ○ On specific sites
- ⦿ On all sites

Allow in incognito
Warning: Google Chrome cannot prevent extensions from recording your browsing history. To disable this extension in incognito mode, unselect this option. ⬭

Allow access to file URLs ⬭

Extension options ☑

View in Chrome Web Store ☑

Source
Chrome Web Store

- Catalina   island
- iTunes warning   Gone
              No warning XML Gone
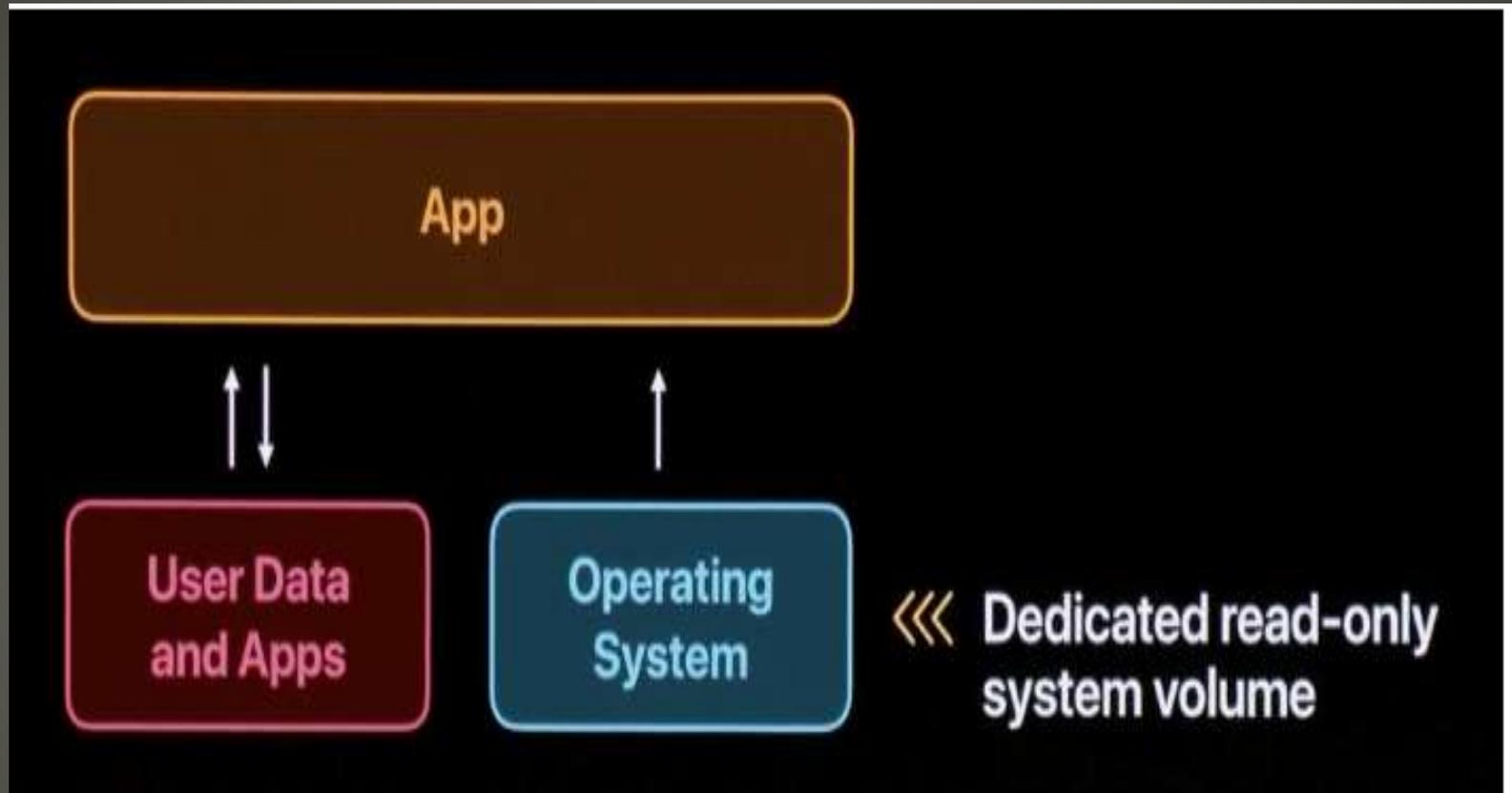- Adobe CS6, Apple Aperture, MS Office 2011
- 32bit apps

About this Mac > System Information > Software > Legacy Software
  AND uninstaller, update, upgrade for those apps

- Subscription model
- Safari & iOS weak or reused passwords?

Apple

- Sender block in Mail
- Gatekeeper
- Read-Only Notes
- Find My   Bluetooth
- Remote Activation Lock

Catalina

Catalina MacOS

Disk Utility

View | Volume | First Aid | Partition | Erase | Restore | Unmount | Info

Internal
- Macintosh HD
- Macintosh HD - Data

Macintosh HD - Data
APFS Volume • APFS (Encrypted)
macOS 10.15.1

120.47 GB
SHARED BY 5 VOLUMES

- Used: 79.12 GB
- Other Volumes: 12.65 GB
- Free: 28.71 GB

Mount Point:	/System/Volumes/Data	Type:	APFS Volume
Capacity:	120.47 GB	Owners:	Enabled
Available:	39.26 GB (10.55 GB purgeable)	Connection:	PCI
Used:	79.12 GB	Device:	disk1s1

Disk Utility

Internal
- Macintosh HD
- Macintosh HD - Data

Macintosh HD
APFS Volume • APFS (Encrypted)
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SHARED BY 5 VOLUMES

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Mount Point:	/	Type:	APFS Volume
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Available:	39.26 GB (10.55 GB purgeable)	Connection:	PCI
Used:	10.84 GB	Device:	disk1s5

View · Volume · First Aid · Partition · Erase · Restore · Unmount · Info

Improve Siri & Dictation

Help improve Siri and Dictation by allowing Apple to store and review audio of your Siri and Dictation interactions on this Mac. You can change this later in System Preferences.

This data is not associated with your Apple ID, and will or e stored for a limited period.

About Improve Siri and Dictation...

○ Share Audio Recordings
● Not Now

← Back   → Continue

- Impeachment inquiry
- 2016 election
- eMail made public
- eMail   very very easy to spoof
- eMail services (Proton, Gmail subscription, others
- eMail add-on
    sign, encrypt, sign & encrypt
    PKI

Message privacy

- Corporate phone?
- Some phones, encrypted SD card
- USB lock via settings
- Like devices may encrypt
- Cloud may encrypt
- Backup may encrypt
- Chat
  WhatsApp, Signal, Telegraph, Wire
- Convenience trumps security/secrecy
- 2 or more, secrecy?

Message privacy
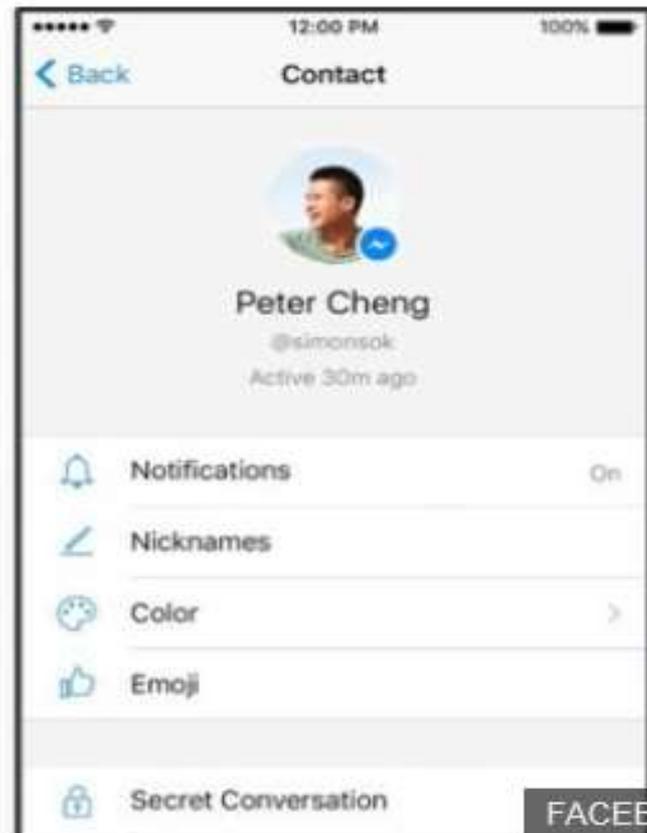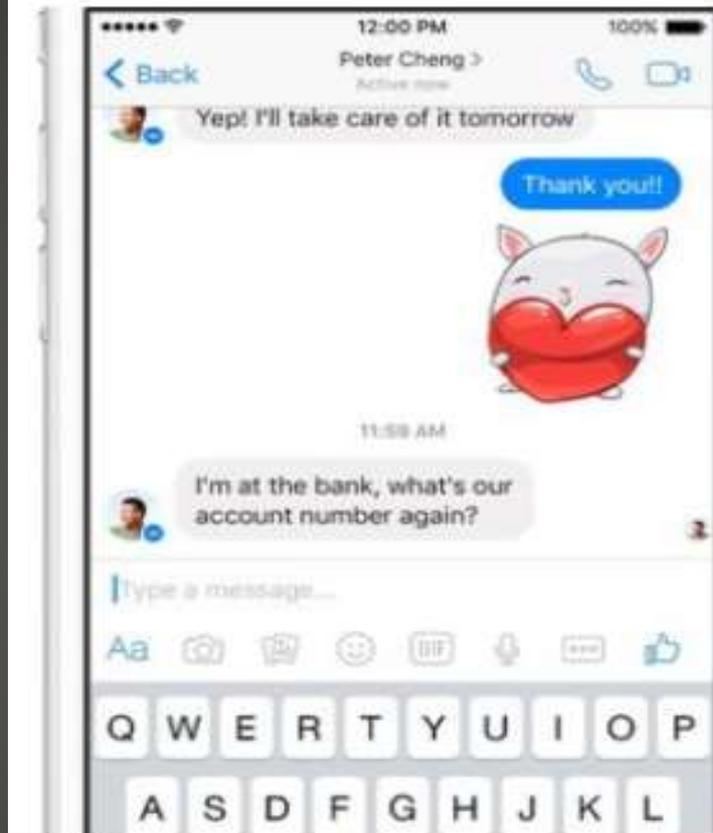
Facebook "secret" messaging

- Tortoise and Hare
- Chicken Little
- Helpful < - > Harmful
- Awareness, Preparedness, Understanding

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

- Questions, suggestions, comments?

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