Sun City Computer Club

MUG MAC Users Group

April 26, 2023

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

- Ever want to be a presenter??

- iDevices SIG
  - A real need
  - FUN
  - Experienced SIG help
  - Can and has been done remotely

- Until then, iDevices topics in Mac Users Group

Presenter???

- Members who are and have been Home Bound
- In Person - Only attendees can ask questions
- Any and All to ask questions
- Any and All to have input
- Any and All to present

- For In Person

  Quarterly In Person
   "Ask me anything"

In Person

- MFi cables & accessories?
  Made For iPhone
  Legal battle
- Lockdown mode
  December MUG
  Cyber Security
  Works?

Current Issues

- iCloud Keychain
- Credit Card data
- Cryptocurrency wallet
- Browser cookies
- weed.dmg

- Keep Up to Date
- Only install from trusted sources

MacStealer

- Siri screen recording
- My Sports tab in Apple News
- Apple TV App 4 different video feeds

iOS 16.5 Beta

- Multiple User Profiles
- Use iPhone/iPad to enter text
- Calibrate display color with iPhone
  Requires FaceID

Apple TV features

- Search Results "SnapBack"
  CMD-Option-S

Safari

- Mac keyboard shortcuts
    Option + Command + F   Search Mail
    Command + F   Search a message
  Select a mailbox
   Search *image*
   Search *flagged*
   Search image attachment from Jody
   Search every word   Use "" for exact words
   Use date range 7/23/2022-8/1/2022
   Use date:7/23/2022
   Boolean new AND unique
                   new NOT unique
   Save a search **Smart Mailbox**
    Add button   selected emails to both mailboxes
   Search Junk   Mail > Settings > General

Apple Mail

- Beta

iOS 16.5

Apple Card Savings Account

- Apple Savings account 4.15%

- Old Bitcoin document?

MacHD

Name		Date Modified	Size	Kind
> 📁 Applications	⌃	Yesterday at 10:23 AM	--	Folder
> 📁 Library		Apr 4, 2023 at 12:09 PM	--	Folder
> 📁 System		Mar 17, 2023 at 9:34 PM	--	Folder
> 📁 User		Mar 27, 2023 at 10:41 AM	--	Folder

💾 MacHD

4 items, 75.7 GB available

A document from Long ago?

Blog Archive

▼ 2023 (26)

    ▼ April (8)

       Yet Another Google Chrome Urgent Patch April 19, 2023

       The Six Step FBI Bank Warning URL

       The Six Step FBI Bank Warning

       Microsoft released Special Defender updates for Wi...

       Google Chrome browser emergency update April 14, 2023

       Apple releases new firmware for AirPods, AirPods M...

       Important Apple Updates April 7, 2023. Others may ...

       Apple to release iOS 16.4.1 due to issues with wea...

We use an AI password cracker called **PassGAN** to run through a list of 15,680,000 passwords. Here is what we found:

Time It Takes Using AI to Crack Your Password [2023]

# OF CHARACTER	Numbers Only	Lowercase Letters	Upper & Lowercase Letters	Numbers, Upper & Lowercase Letters	Numbers, Upper & Lowercase Letters, Symbols
4	Instantly	Instantly	Instantly	Instantly	Instantly
5	Instantly	Instantly	Instantly	Instantly	Instantly
6	Instantly	Instantly	Instantly	Instantly	4 Seconds
7	Instantly	Instantly	22 Seconds	42 Seconds	6 Minutes
8	Instantly	3 Seconds	19 Minutes	48 Minutes	7 Hours
9	Instantly	1 Minutes	11 Hours	2 Days	2 Weeks
10	Instantly	1 Hours	4 Weeks	6 Months	5 Years
11	Instantly	23 Hours	4 Years	38 Years	356 Years
12	25 Seconds	3 Weeks	289 Years	2K Years	30K Years
13	3 Minutes	11 Months	16K Years	91K Years	2M Years
14	36 Minutes	49 Years	827K Years	9M Years	187M Years
15	5 Hours	890 Years	47M Years	613M Years	14Bn Years
16	2 Days	23K Years	2Bn Years	26Bn Years	1Tn Years
17	3 Weeks	812K Years	539.72M Years	2Tn Years	95Tn Years
18	10 Months	22M Years	7.23Bn Years	96Tn Years	6Qn Years

HOME SECURITY HEROES

# OF CHARACTER	Numbers Only	Lowercase Letters	Upper & Lowercase Letters	Numbers, Upper & Lowercase Letters	Numbers, Upper & Lowercase Letters, Symbols
4	Instantly	Instantly	Instantly	Instantly	Instantly
5	Instantly	Instantly	Instantly	Instantly	Instantly
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- When iPhone locked
- Reply with "1" if approved

Settings > Messages > Notifications > Show Previews
Settings > Notifications > Show Previews

Settings > Face ID & Passcode > Allow Access When Locked

Settings > Siri & Search > Allow Siri when Locked

iPhone Notifications

- WordPress
  1 Million websites infected
- QuaDream spyware
  Back dated overlapping calendar invites

QUADREAM FUNCTIONALITY

- Record audio from calls
- Record from the microphone ("hot mic")
- Take pictures using front & back cameras
- Exfiltrate and remove keychain items
- Generate iCloud 2FA passwords
- Search through device files & databases
- Clean up its own traces
- Track location

Current Issues

- GIF thumbnail -> iPhone zero click takeover
- Most technically sophisticated attacks
- NSO Group access-as-a-service
- iPhones & Android & &
- Zero Click   Just phone number Just AppleID
- Animated GIF cycle through frames
   Loop endlessly   copy frames to device

   format of source file which codec?   PDF

   compression stream   1990s with logic operators
   Result: Machine within machine
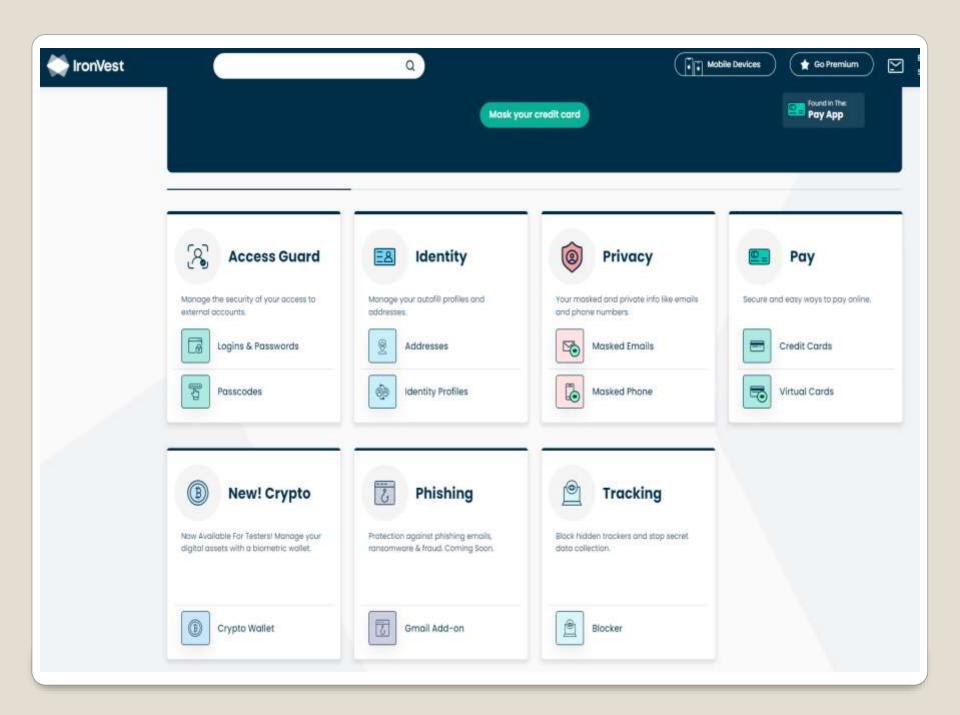   A working 64-bit emulator from pixels

Forced Entry   iPhone

- Was Abine Blur
- Privacy protection desired
- Shopping
  CC number – to pay
  Home Address – for delivery
  email – for notification
  Phone number – why?
- Service   & password manager
- Just provide all of the above …
- Free   Pro $39/yr   Ultimate $99/yr

IronVest

- Facial Recognition if desired
- Extension Chrome, Firefox   Safari – soon
- Masked Email,
- single use virtual credit cards,
- virtual phone numbers
- Password Managers -> Protect your accounts

IronVest

Mask your credit card

💳 Found in The: **Pay App**

🔲 Access Guard

Manage the security of your access to external accounts.

🔒 Logins & Passwords

🔲 Passcodes

🔳 Identity

Manage your autofill profiles and addresses.

📍 Addresses

⚙️ Identity Profiles

🛡️ Privacy

Your masked and private info like emails and phone numbers.

✉️ Masked Emails

📱 Masked Phone

💳 Pay

Secure and easy ways to pay online.

💳 Credit Cards

💳 Virtual Cards

Ⓑ New! Crypto

Now Available For Testers! Manage your digital assets with a biometric wallet.

Ⓑ Crypto Wallet

🎣 Phishing

Protection against phishing emails, ransomware & fraud. Coming Soon.

📥 Gmail Add-on

🎯 Tracking

Block hidden trackers and stop secret data collection.

🛍️ Blocker

- [FBI Six Step Warning](#)

FBI

- Apple HomePods can now alert on smoke/CO detectors
- LockBit ransomware targeting Macs
- Apple Recovery Key
- 1) Thieves set Recovery Key
- 2) Thieves reset Recovery Key
- "Hey Apple, here is my passport"
- "Check my DNA"
- Permanent lockout

- Set parental controls against yourself?
- Screen Time
- Settings > Screen Time
- Set Screen Time passcode
- Set Screen Time Content & Privacy Restrictions

Current Issues

Recovery Key

This key will be required to reset your password if you lose access to all your trusted devices.
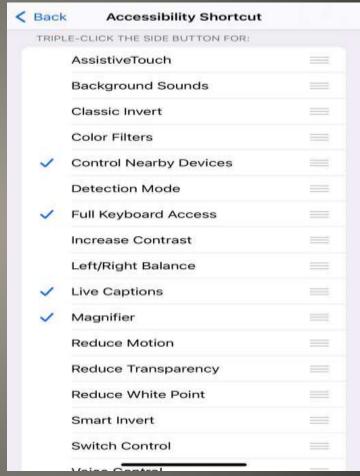
658J-WYRH-W84P-PPBH-PADV-6QDY-CF8Z

Write down your recovery key and keep it in a safe place so you always have access to your Apple ID.

- Click once Off > Turn On
- Click once On > Turn off screen
- Click Lock & Volume Up -> Screen shot
- Click Lock twice => Apple Pay card(s)
- Click Lock twice in App => Pay with Apple Pay
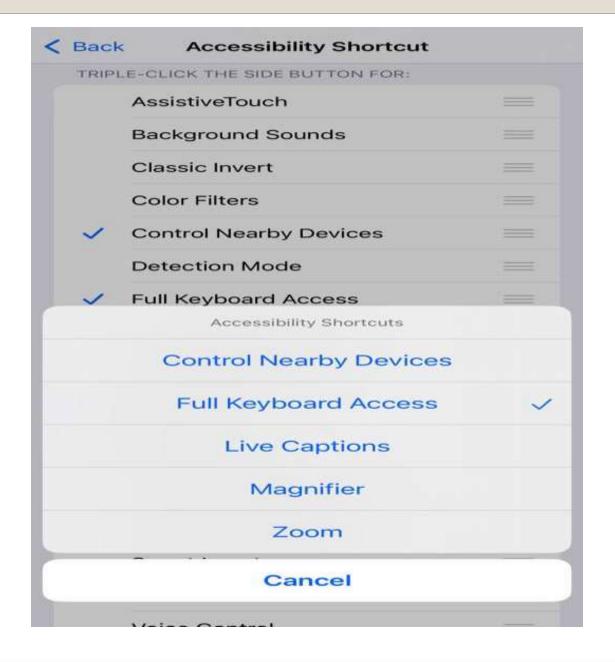- Click Lock & Hold => Siri

iPhone Lock Button

- Settings > Accessibility > Accessibility Shortcut
- Select any/all

‹ Back   Accessibility Shortcut

TRIPLE-CLICK THE SIDE BUTTON FOR:

AssistiveTouch	☰
Background Sounds	☰
Classic Invert	☰
Color Filters	☰
✓ Control Nearby Devices	☰
Detection Mode	☰
✓ Full Keyboard Access	☰
Increase Contrast	☰
Left/Right Balance	☰
✓ Live Captions	☰
✓ Magnifier	☰
Reduce Motion	☰
Reduce Transparency	☰
Reduce White Point	☰
Smart Invert	☰
Switch Control	☰

iPhone Lock Button

TRIPLE-CLICK THE SIDE BUTTON FOR:

AssistiveTouch

Background Sounds

Classic Invert

Color Filters

✓ Control Nearby Devices

Detection Mode

✓ Full Keyboard Access

Accessibility Shortcuts

Control Nearby Devices

Full Keyboard Access   ✓

Live Captions

Magnifier

Zoom

Cancel

Voice Control

- June 5
- Online
- Software usually
- VR headset
- iOS 17 iPadOS 17 watchOS 10 macOS 14

Condor
Diablo
Farallon
Grizzly
Mammoth
Miramar
Pacific
Redtail
Redwood
Rincon
Sequoia
Shasta
Skyline
Sonoma
Tiburon

WWDC 23

- New Mac models added to "Find My"
  Mac14,8
  Mac 14,13
  Mac 14,14

Rumor

- iOS 17 app sideloading - EU only?
- iPhone 15 Pro Max 10x optical zoom?
  Periscope lens?
- Personal journaling App?
  Jurassic Mental Health Tool
  All Day People Discovery
  access Contacts, Location, workouts, …
- Rumored iPad models without iPadOS 17
  iPad 5th generation
  9.7" iPad Pro 1st generation
  12.9" iPad Pro 1st generation
- iDevice
  Settings > General > Erase all Content and Settings
  AFTER backup, transfer

- Digital Picture Frame
  Added benefit a backup for those photos
- Kitchen Tablet
  Recipes, how-to-videos, …
- E-book reader
  Comic books
- Grandkids
- Second monitor
  Sidecar
  USB dongle wireless
- Nightstand Alarm clock
- Smart Home dashboard
  IoT segmentation
  Security camera monitor
- Remote Control
- DYI Assistant
- Travel entertainment
- Travel Assist

Uses for Old iPad

- OLED & Apple   32" & 42"   2027
- Firefox memory leak 112.0.1 to fix
- watchOS 10 for Series 9 leak?
Home screen layout/grid?
- CarPlay   GM & Rivian "own way"
800 car models do use CarPlay
Easier than ever to find CarPlay models
- Mac RustBucket
Fake PDF viewer   first stage malware
Written in Rust – x86 & ARM
Shows a PDF
Is Signed
I'm on a Mac
- *Macworld 10 ways to protect your Mac*

- *MacWorld What to do if you think your Mac has a virus*

Current Issues

- iPhone, iPad, Mac
- A lot of eMail?   Clutter?   Mindfulness?
- iDevice   2 ways

Mail App   Remind Me

The message   swipe left …   Remind Me

Choose: Remind Me in 1 hour

Remind Me Tonight

Remind Me tomorrow

Remind Me Later

Reply button Tap Remind Me

eMail Reminders

- Mac
  Mail > choose message
  Swipe right on trackpad with 2 fingers
                    -or-
  Control – Click
  Choose best option

eMail Reminders

- WAY Different from postal mail
  Usually not encrypted – ePostcard
  Store and Forward though many hops
  Much greater permanency

eMail reminder

- [Customize Ubuntu 23.04 to look like macOS](#)
- GNOME Tweaks Tool
- GNOME Shell Extensions
- Download & install macOS Themes
- Download & install macOS icons
- GNOME tweaks to taste
- Add a Dash to Dock via Extensions
- Wallpaper

Customize Linux to look like macOS

Apple AR/VR headset

- LITTLE Known   BIG speculation / rumor
- Mixed Reality
- Apple Apps
- VR focused Fitness+
- Sports in VR
- Gaming
- Video Conference / training
- External monitor for Apple Infrastructure

Apple AR/VR headset

- chat.openai.com in browser
- Siri shortcuts
   OpenAI account

SiriGPT shortcut   add shortcut
 Get OpenAI API keys platform.openai.com
 Profile > View API keys
 Create new secret key paste API key
 Add API Key Here
 Speech recognition for shortcut Allow
 Ask a question Allow shortcut to send yext
 Done   -or- Ask again

ChatGPT for iOS

- Many Third parties - CAUTION

ChatGPT for iOS

- Facetime on both ends
- Check for Walkie-Talkie App
  App Store if not
- Walkie-Talkie App
- Add Friends from contact list
- Invite – wait
- Tap their icon to check availability
- Yellow button Touch & Hold to Talk
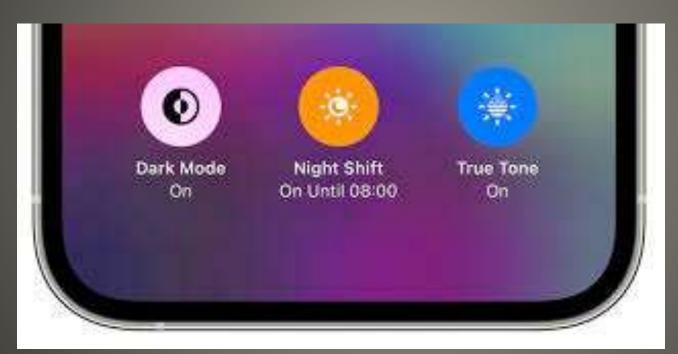
- Make yourself unavailable Do Not Disturb
- YouTube

Got Apple Watch Walkie-Talkie?

- True Tone Off
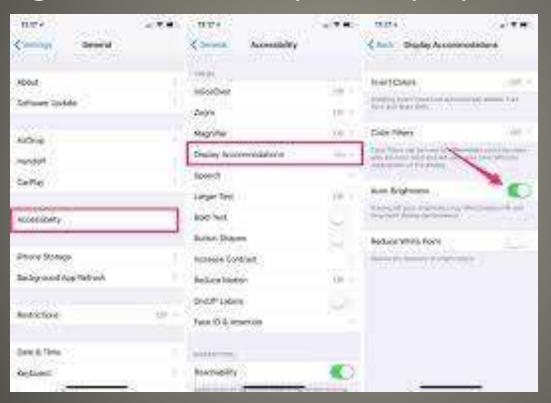 Control Center > Long Press Brightness
  True Tone Off

Got Yellow?

- Disable Night Shift
  Control Center > Long Press Brightness
  increase warmth reduce blue light

Got Yellow?

- Low Power Mode Off
  Dim display
  If needed leave it yellow
  If not
  Settings > Battery > Low Power Mode

Got Yellow?

- Auto-Brightness?

Settings > Accessibility > Display & Text Size

Got Yellow?

- Adjust Color Filters
Settings > Accessibility > Display & Text Size > Color Filter

Intensity far left
Hue   blue & purple

Screen Filter?
iPhone Case?
Replace Screen

Got Yellow iPhone 14

Got Yellow?

- iDevice in a drawer?
- Security Camera
- IoT segmentation

Got Old?

- https://support.apple.com/en-us/HT201372

- No need to upgrade macOS
- No need to reinstall macOS

Create bootable installer for macOS

- None of us are as experienced as all of us
- Awareness, Preparedness, Understanding
- Participate
- Topic Suggestions
- Questions: scccMUG@gmail.com

- Helpful < - > Harmful
- Awareness, Preparedness, Understanding

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

- Questions, suggestions, comments?

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