

# iOS Forensic Artifacts Cheatsheet

This document consolidates various forensic artifacts collected from iOS devices. The artifacts are categorized based on their relevance to syncing, location data, browser activity, multimedia, network, device settings, and communication. These paths are essential for digital forensic investigations.

## SYNCING ARTIFACTS

- /private/var/containers/Shared/SystemGroup/<GUID>/Library/Database/com.apple.MobileBluetooth.ledevices.other.fb
- /private/var/containers/Shared/SystemGroup/<GUID>/Library/Database/com.apple.MobileBluetooth.ledevices.paired.db
- /private/var/containers/Shared/SystemGroup/<GUID>/Library/Preferences/com.apple.MobileBluetooth.devices.plist
- /private/var/mobile/Library/DataAccess/iCloud-[email\_account]/OfflineCache/[number]
- /private/var/mobile/Library/DeviceRegistry.state/activeStateMachine.plist
- /private/var/mobile/Library/DeviceRegistry.state/historySecureProperties.plist
- /private/var/mobile/Library/DeviceRegistry.state/stateMachine-<GUID>.plist
- /private/var/mobile/Library/DeviceRegistry/<GUID>/NanoAppRegistry/Applications/
- /private/var/mobile/Library/DeviceRegistry/<GUID>/NanoMail/registry.sqlite
- /private/var/mobile/Library/DeviceRegistry/<GUID>/NanoPasses/nanopasses.sqlite
- /private/var/mobile/Library/DeviceRegistry/<GUID>/Nano/referencesSync/Backup/Files
- /private/var/mobile/Library/Health/NanoSync/com.apple.private.alloy.health.sync.db
- /private/var/mobile/Library/homed/datastore.sqlite
- /private/var/mobile/Library/MobileBluetooth/com.apple.MobileBluetooth.ledevices.plist
- /private/var/mobile/Library/NanoBackup/
- /private/var/mobile/Library/NanoMusicSync/
- /private/var/mobile/Library/NanoPreferencesSync/
- /private/var/mobile/Library/NanoTimeKit/
- /private/var/mobile/Library/Preferences/com.apple.carplay.plist
- /private/var/mobile/Library/Preferences/com.apple.cloud.quota.plist
- /private/var/mobile/Library/Preferences/com.apple.CoreDuet.QueuedDenials.plist
- /private/var/mobile/Library/Preferences/com.apple.coreduetd.plist
- /private/var/mobile/Library/Preferences/com.apple.identityservices.idstatuscache.plist
- /private/var/mobile/Library/Preferences/com.apple.mobile.idbackup.plist
- /private/var/mobile/Library/Preferences/com.apple.nano.plist
- /private/var/mobile/Library/Springboard/<GUID>-CarDisplayDesiredIconState.plist
- /private/var/mobile/Library/Preferences/com.apple.sharingd.plist
- /private/var/mobile/Media/iTunesControl/iTunes/iTunesPrefs
- /private/var/mobile/Library/Lockdown/data\_ark.plist
- /private/var/wireless/Library/Databases/Datalusage-watch.sqlite

## LOCATION ARTIFACTS

- /private/var/containers/Shared/SystemGroup/<GUID>/Library/Database/com.apple.MobileBluetooth.ledevices.other.db
- /private/var/mobile/Containers/Data/Application/<Apple Maps GUID>/Library/Maps/GeoHistory.mapsdata
- /private/var/mobile/Containers/Data/Application/<Apple Maps GUID>/Library/Maps/History.mapsdata
- /private/var/mobile/Containers/Data/Application/<Apple Maps GUID>/Library/Preferences/com.apple.Maps.plist
- /private/var/mobile/Containers/Data/Application/<Apple Maps GUID>/Library/SyncedPreferences/com.apple.Maps.recents.plist
- /private/var/mobile/Containers/Data/Application/<Apple Maps GUID>/Library/SyncedPreferences/com.apple.MapsSupport.bookmarks.plist
- /private/var/mobile/Library/Caches/com.apple.routined/Cache.sqlite
- /private/var/mobile/Library/Caches/com.apple.routined/Local.sqlite
- /private/var/mobile/Library/Preferences/com.apple.locationd.plist
- /private/var/preferences/SystemConfiguration/com.apple.networkidentification.plist
- /private/var/preferences/SystemConfiguration/preferences.plist
- /private/var/root/Library/Caches/locationd/Cache.sqlite
- /private/var/root/Library/Caches/locationd/cache\_encryptedA.db
- /private/var/root/Library/Caches/locationd/cache\_encryptedB.db
- /private/var/root/Library/Caches/locationd/cache\_encryptedC.db
- /private/var/root/Library/Caches/locationd/consolidated.db
- /private/var/root/Library/Caches/locationd/significant.plist

## BROWSER ACTIVITY (Safari)

- /private/var/mobile/Containers/Data/Application/<Safari GUID>/Library/Caches/com.apple.mobilesafari/
- /private/var/mobile/Containers/Data/Application/<Safari GUID>/Library/Caches/com.apple.WebAppCache/ApplicationCache.db
- /private/var/mobile/Containers/Data/Application/<Safari GUID>/Library/Cookies/Cookies.binarycookies
- /private/var/mobile/Containers/Data/Application/<Safari GUID>/Library/Favicons/Favicons/
- /private/var/mobile/Containers/Data/Application/<Safari GUID>/Library/Preferences/com.apple.mobilesafari.plist
- /private/var/mobile/Containers/Data/Application/<Safari GUID>/Library/Safari/Downloads/Downloads.plist
- /private/var/mobile/Containers/Data/Application/<Safari GUID>/Library/WebKit/WebsiteData/LocalStorage/\*
- /private/var/mobile/Library/Safari/Bookmarks.db
- /private/var/mobile/Library/Safari/BrowserState.db
- /private/var/mobile/Library/Safari/CloudTabs.db
- /private/var/mobile/Library/Safari/History.db



## MULTIMEDIA

- /private/var/mobile/Library/AddressBook/AddressBookImages.sqlitedb
- /private/var/mobile/Library/Preferences/com.apple.mobileslideshow.plist
- /private/var/mobile/Library/SMS/Attachments/
- /private/var/mobile/Media/DCIM/1\*APPLE
- /private/var/mobile/Media/iTunes\_Control/iTunes/MediaLibrary.sqlitedb
- /private/var/mobile/Media/PhotoData/ithmb/
- /private/var/mobile/Media/PhotoData/AlbumsMetadata/
- /private/var/mobile/Media/PhotoData/CPL/
- /private/var/mobile/Media/PhotoData/Photos.sqlite
- /private/var/mobile/Media/PhotoData/V2/



## NETWORK CONNECTIONS

- /private/var/db/dhclient/leases/
- /private/var/mobile/Library/Preferences/com.apple.preferences.network.plist
- /private/var/networkd/netusage.sqlite
- /private/var/preferences/com.apple.networkextension.plist
- /private/var/preferences/SystemConfiguration/com.apple.networkidentification.plist
- /private/var/preferences/SystemConfiguration/com.apple.wifi.plist
- /private/var/preferences/SystemConfiguration/NetworkInterfaces.plist
- /private/var/root/Library/Preferences/com.apple.preferences.network.plist
- /private/var/wireless/Library/Databases/CellularUsage.db
- /private/var/wireless/Library/Preferences/com.apple.CommCenter.counts.plist
- /private/var/wireless/Library/Preferences/com.apple.commcenter.plist
- /private/var/wireless/Library/Preferences/com.apple.commcenter.device\_specific\_nobackup.plist



## SETTINGS – SYSTEM CONTROLLED

- /private/installd/Library/Logs/MobileInstallation/mobile\_installation.log
- /private/var/mobile/Library/BulletinBoard/ClearedSections.plist
- /private/var/mobile/Library/Keyboard/<language-dynamic.im>/dynamic-lexicon.dat
- /private/var/preferences/SystemConfiguration/NetworkInterfaces.plist



## SETTINGS – USER CONTROLLED

- /private/var/containers/Shared/SystemGroup/systemgroup.com.apple.configurationprofiles/Library/ConfigurationProfiles/CloudConfigurationDetails.plist
- /private/var/mobile/Library/Do Not Disturb/DB/Settings.json
- /private/var/mobile/Library/Keyboard/UserDictionary.sqlite
- /private/var/mobile/Library/Preferences/com.apple.assistant.plist
- /private/var/mobile/Library/Preferences/com.apple.camera.plist
- /private/var/mobile/Library/Preferences/com.apple.springboard.plist
- /private/var/mobile/Library/SpringBoard/LockBackground.cpbitmap

- /private/var/mobile/Library/SpringBoard/LockBackgroundThumbnail.jpg
- /private/var/mobile/Library/UserConfigurationProfiles/UserSettings.plist

## COMMUNICATION – SMS, CALLS, EMAIL

- /private/var/mobile/Library/CallHistory/call\_history.db
- /private/var/mobile/Library/CallHistoryDB/CallHistory.storedata
- /private/var/mobile/Library/Mail/
- /private/var/mobile/Library/Preferences/com.apple.madrid.plist
- /private/var/mobile/Library/Preferences/com.apple.mobilephone.plist
- /private/var/mobile/Library/Preferences/com.apple.MobileSMS.plist
- /private/var/mobile/Library/SMS/sms.db
- /private/var/mobile/Library/Voicemail/voicemail.db
- /private/var/mobile/Media/Recordings/

## DEVICE INFORMATION

- /private/var/installd/Library/MobileInstallation/LastBuildInfo.plist
- /private/var/mobile/Library/CoreDuet/coreduetd.db
- /private/var/mobile/Library/Logs/mobileactivationd/
- /private/var/preferences/SystemConfiguration/preferences.plist
- /private/var/root/Library/Lockdown/pair\_records/
- /private/var/wireless/Library/Preferences/com.apple.commcenter.plist

## PASSWORDS & ACCOUNT INFORMATION

- /private/var/mobile/Library/Accounts/Accounts3.sqlite
- /private/var/mobile/Library/DataAccess/AccountInformation.plist
- /private/var/mobile/Library/DataAccess/iCloud-[iCloud email]/mboxCache.plist
- /private/var/mobile/Library/Preferences/com.apple.accountsettings.plist
- /private/var/mobile/Library/Preferences/com.apple.commcenter.shared.plist
- /private/var/mobile/Library/Preferences/com.apple.cloud.findmydevice.FMIPAccount s.plist
- Let me know if you'd like this saved as a PDF, or converted into a spreadsheet format.