Analysis report

iSH.ipa

Tool `analyze-anything 0.1.1`
Input SHA-256 `74b22a209340c5dc6e94975d8c07e4814ae2299dfe0b62cfa22640090d80f36c`

Summary

▲ High	◆ Medium	● Low	○ Info
0	0	15	220

Input	single file
Files analyzed / all files (unpacked ones included)	190 / 190
Containers unpacked	4
Bytes read	22497312
Findings	235 (By severity: High 0 • Medium 0 • Low 15 • Info 220)

How to read this

Every finding states its confidence: "Verified" was read directly from a file structure or checked cryptographically; "Derived" follows from what was read by a fixed rule; "Heuristic" is a rule's guess and may be wrong. Entries with severity "Info" are neutral facts, not problems.

Findings of the same rule are shown as one entry: a sentence that repeats is written once, followed by the files it holds for. Long lists show their first items and say how many are left out; the evidence and ID of every finding are in report.html and report.json.

This PDF is for reading and filing: long lists are cut and say so; report.html and report.json hold the complete data.

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1 Overview • 9 kinds / 9 findings

○ Info ✓ Verified **IPA package**
This is an IPA package; the app inside is iSH.app.
Evidence `iSH.ipa/Payload/iSH.app/Info.plist = Payload/iSH.app`
Finding ID `bf230d32aad13467`

○ Info → Derived **Kind of input**
This is an iOS app package (IPA).
Evidence `iSH.ipa = ipa`
Finding ID `2be3d6b63b70fe37`

○ Info ✓ Verified **Product**
Product name: iSH.app.
Evidence `iSH.ipa/Payload/iSH.app/Info.plist = iSH.app`
Finding ID `33b7038ce8802f5b`

○ Info ✓ Verified **Version**
Version: 1.3.2 (build 494).
Evidence `iSH.ipa/Payload/iSH.app/Info.plist @ CFBundleShortVersionString = 1.3.2`
Finding ID `357618a1866039c4`

○ Info ✓ Verified **Identifier**
Application identifier: app.ish.iSH.
Evidence `iSH.ipa/Payload/iSH.app/Info.plist @ CFBundleIdentifier = app.ish.iSH`
Finding ID `238e99d90bf4ff1d`

○ Info ✓ Verified **Architectures**
The main program is built for: arm64.
Evidence `iSH.ipa/Payload/iSH.app/Info.plist = arm64`
Finding ID `99b466ca1bc10ba8`

○ Info → Derived **Apple bundles inside**
2 bundles (apps, frameworks, extensions and the like) were recognised; the main app is at iSH.ipa/Payload/iSH.app.
Evidence `iSH.ipa/Payload/iSH.app/Info.plist = 2`
Finding ID `8af004097ba9e184`

○ Info → Derived **Signing**
The main program is signed with an Apple distribution certificate (team CK5SXRTBR7). The Provenance chapter says what was verified.
Evidence `iSH.ipa/Payload/iSH.app/Info.plist = distribution`
Finding ID `10cd2efbaa1c78c1`

○ Info → Derived **Findings that need attention**
There are 0 high, 0 medium and 15 low severity findings, and 219 neutral facts. Severity is fixed per rule and orders the reading; these counts are not a verdict on whether the input is safe.
Evidence `iSH.ipa = 15`
Finding ID `b8ce839369b4b409`

Needs attention • 2 kinds / 15 findings

Every finding above "Info", grouped by rule. Each appears again in its own chapter.

● Low × 3 • Heuristic **No stack canary found** 3 findings
No stack-protector symbol (__stack_chk_fail) is referenced. The code may have been built without stack protection, or may have no function that needs it. This is inferred from symbols and proves little.
The same holds 3 times, for `…/mkmntdirs`, `…/getconf`, `…/capi.so`

● Low × 12 • Heuristic **No FORTIFY_SOURCE found** 12 findings

…/busybox

libc functions that can be fortified are imported (fread, memmove, mempcpy, pread, read, readlink, …) but none of the length-checked variants (__*_chk) are. The code may have been built without _FORTIFY_SOURCE; calls the compiler can prove safe are not replaced either. This is inferred from imported symbols and proves little.

…/libapk.so.3.12.0

libc functions that can be fortified are imported (memmove, read, snprintf, strcpy, strncpy, vsnprintf) but none of the length-checked variants (__*_chk) are. The code may have been built without _FORTIFY_SOURCE; calls the compiler can prove safe are not replaced either. This is inferred from imported symbols and proves little.

…/libcrypto.so.1.1

libc functions that can be fortified are imported (fgets, fread, memmove, read, recvfrom, sprintf, …) but none of the length-checked variants (__*_chk) are. The code may have been built without _FORTIFY_SOURCE; calls the compiler can prove safe are not replaced either. This is inferred from imported symbols and proves little.

…/libssl.so.1.1

libc functions that can be fortified are imported (memmove, sprintf, strcpy) but none of the length-checked variants (__*_chk) are. The code may have been built without _FORTIFY_SOURCE; calls the compiler can prove safe are not replaced either. This is inferred from imported symbols and proves little.

…/libz.so.1.2.11

libc functions that can be fortified are imported (memcpy, memset, read, snprintf, vsnprintf) but none of the length-checked variants (__*_chk) are. The code may have been built without _FORTIFY_SOURCE; calls the compiler can prove safe are not replaced either. This is inferred from imported symbols and proves little.

…/apk

libc functions that can be fortified are imported (snprintf, sprintf) but none of the length-checked variants (__*_chk) are. The code may have been built without _FORTIFY_SOURCE; calls the compiler can prove safe are not replaced either. This is inferred from imported symbols and proves little.

…/getent

libc functions that can be fortified are imported (snprintf) but none of the length-checked variants (__*_chk) are. The code may have been built without _FORTIFY_SOURCE; calls the compiler can prove safe are not replaced either. This is inferred from imported symbols and proves little.

…/iconv

libc functions that can be fortified are imported (fread, memmove) but none of the length-checked variants (__*_chk) are. The code may have been built without _FORTIFY_SOURCE; calls the compiler can prove safe are not replaced either. This is inferred from imported symbols and proves little.

…/scanelf

libc functions that can be fortified are imported (memmove, read, snprintf, stpcpy, strcat, strcpy, …) but none of the length-checked variants (__*_chk) are. The code may have been built without _FORTIFY_SOURCE; calls the compiler can prove safe are not replaced either. This is inferred from imported symbols and proves little.

libc functions that can be fortified are imported (read) but none of the length-checked variants (__*_chk) are. The code may have been built without _FORTIFY_SOURCE; calls the compiler can prove safe are not replaced either. This is inferred from imported symbols and proves little.

The same holds 2 times, for …/ssl_client, …/afalg.so

…/libtls.so.2.0.3

libc functions that can be fortified are imported (memmove, pread, read) but none of the length-checked variants (__*_chk) are. The code may have been built without _FORTIFY_SOURCE; calls the compiler can prove safe are not replaced either. This is inferred from imported symbols and proves little.

2 Identity • 12 kinds / 31 findings

○ Info × 17 • Verified **ELF file** 17 findings

An ELF 32-bit little-endian pie executable for i386.

The same holds 8 times, for …/busybox, …/apk, …/mkmntdirs, …/getconf, …/getent, …/iconv, …/scanelf, …/ssl_client

An ELF 32-bit little-endian shared library for i386.
The same holds 9 times, for …/ld-musl-i386.so.1, …/libapk.so.3.12.0 …
7 more of this kind are not listed here; report.html and report.json hold them all.

○ Info × 2 • Verified **Mach-O file** 2 findings
A Mach-O 64-bit executable for arm64.
The same holds 2 times, for …/iSHFileProvider, …/iSH

○ Info × 2 • Verified **Minimum OS version** 2 findings
Built for iOS, minimum OS version 11.0; SDK version: 16.2.
The same holds 2 times, for …/iSHFileProvider, …/iSH

○ Info × 2 • Verified **Build identifier** 2 findings
…/iSHFileProvider
The Mach-O UUID is 07D1A145-0161-336A-B5D7-A3D67A77B0A0. Debug symbol files from the same build carry the same identifier.
…/iSH
The Mach-O UUID is A5BA84B0-ACC1-36FC-B81A-8C706372CAA0. Debug symbol files from the same build carry the same identifier.

○ Info ✓ Verified **Bundle identifier**
iSH.app is a bundle of kind app with the identifier app.ish.iSH.
Evidence `iSH.ipa/Payload/iSH.app/Info.plist @ CFBundleIdentifier = app.ish.iSH`
Finding ID `eb3472132f6a7450`

○ Info ✓ Verified **Name**
iSH.app: The display name is iSH.
Evidence `iSH.ipa/Payload/iSH.app/Info.plist @ CFBundleName = iSH`
Finding ID `1ff48893d82eda48`

○ Info ✓ Verified **Version**
iSH.app: The version is 1.3.2 (build 494).
Evidence `iSH.ipa/Payload/iSH.app/Info.plist @ CFBundleShortVersionString = 1.3.2`
Evidence `iSH.ipa/Payload/iSH.app/Info.plist @ CFBundleVersion = 494`
Finding ID `84f818290f190810`

○ Info ✓ Verified **Minimum OS version**
iSH.app: Requires iOS 11.0 or later.
Evidence `iSH.ipa/Payload/iSH.app/Info.plist @ MinimumOSVersion = 11.0`
Finding ID `934c3a07f15fe305`

○ Info ✓ Verified **Supported platforms**
iSH.app: Declares support for: iPhoneOS.
Evidence `iSH.ipa/Payload/iSH.app/Info.plist @ CFBundleSupportedPlatforms = ["iPhoneOS"]`
Finding ID `5609bc3f094c306f`

○ Info ✓ Verified **Device families**
iSH.app: Declares these device families: iPhone, iPad.
Evidence `iSH.ipa/Payload/iSH.app/Info.plist @ UIDeviceFamily = [1,2]`
Finding ID `a51bf5b245cb206c`

○ Info ✓ Verified **Main executable**
iSH.app: The main executable is iSH, with these architectures: arm64. Its load commands say it was built for iOS 11.0 or later.
Evidence `iSH.ipa/Payload/iSH.app/Info.plist @ CFBundleExecutable = iSH`
Evidence `iSH.ipa/Payload/iSH.app/iSH = {"architectures":["arm64"],"size":1065792}`
Finding ID `156082c2500021c6`

○ Info ✓ Verified **App icon**
iSH.app: The Info.plist names the icon AppIcon.
Evidence `iSH.ipa/Payload/iSH.app/Info.plist @ CFBundleIconFile / CFBundleIcons = AppIcon`
Evidence `iSH.ipa/Payload/iSH.app/AppIcon76x76@2x~ipad.png = {"size":819}`
Finding ID `d8210fe31ab657c6`

3 Provenance and signing • 14 kinds / 14 findings

○ Info ✓ Verified **Code signature**
iSH carries a code signature: identifier app.ish.iSH, cdhash a9d13eb95bffc45622cde68617e1524be6cd1acd (sha256, arm64), flags 0x0. The cdhash was computed by this tool from the code directory.
Evidence `iSH.ipa/Payload/iSH.app/iSH @ 1038192+27600 = {"arch":"arm64","cdhash":"a9d13eb95bffc45622cde68617e1524be6cd1acd","flags":[],"identifier":"app.ish.iSH"}`
Finding ID `c77318c70db29b9c`

○ Info → Derived **Distribution signature**
iSH is signed by “Apple Distribution: Theodore Dubois (CK5SXRTBR7)”, a distribution certificate, used for App Store submission, ad-hoc or in-house distribution; which one depends on the provisioning profile. The type is read from the signer certificate's name.
Evidence `iSH.ipa/Payload/iSH.app/iSH @ 1038192+27600 = {"apple_extensions":["1.2.840.113635.100.6.1.4","1.2.840.113635.100.6.1.7"],"signer_common_name":"Apple Distribution: Theodore Dubois (CK5SXRTBR7)","signer_sha2…`
Finding ID `e7b796787679f658`

○ Info ✓ Verified **Signature value verifies**
Verified: the digest (sha256) in the CMS signature of iSH equals that of the code directory, and the signature value verifies with the public key of the certificate “Apple Distribution: Theodore Dubois (CK5SXRTBR7)”. The code directory was signed with that certificate's private key.
Evidence `iSH.ipa/Payload/iSH.app/iSH @ 1038192+27600 = {"alternate_directories_bound":true,"message_digest_matches_code_directory":true,"signature":"valid"}`
Finding ID `5767e44eea26a593`

○ Info ✓ Verified **Chain verifies up to an Apple root**
Verified: each of the 3 certificates in the signature of iSH (Apple Distribution: Theodore Dubois (CK5SXRTBR7) ← Apple Worldwide Developer Relations Certification Authority ← Apple Root CA) is signed by the next, and the root's fingerprint equals that of “Apple Root CA” built into this tool. Revocation and expiry as of today were not checked. The evidence gives each certificate's subject, serial number and validity.
Evidence `iSH.ipa/Payload/iSH.app/iSH @ 1038192+27600 = {"anchor":"known root: Apple Root CA","links":["valid","valid","valid"]}`
Evidence `iSH.ipa/Payload/iSH.app/iSH @ cms.certificates[0] = {"issuer":"C=US,O=Apple Inc.,OU=G3,CN=Apple Worldwide Developer Relations Certification Authority","key":"RSA 2048","not_after":"2023-12-28T17:44:10Z","not_befo…`
Evidence `iSH.ipa/Payload/iSH.app/iSH @ cms.certificates[1] = {"issuer":"CN=Apple Root CA,OU=Apple Certification Authority,O=Apple Inc.,C=US","key":"RSA 2048","not_after":"2030-02-20T00:00:00Z","not_before":"2020-02-19T18:…`
Evidence `iSH.ipa/Payload/iSH.app/iSH @ cms.certificates[2] = {"issuer":"CN=Apple Root CA,OU=Apple Certification Authority,O=Apple Inc.,C=US","key":"RSA 2048","not_after":"2035-02-09T21:40:36Z","not_before":"2006-04-25T21:…`
Finding ID `b36771e0b66347fd`

○ Info ✓ Verified **Signing time**
The signer of iSH states the signing time 2023-05-20T23:41:10Z. The signer writes this value; no third-party timestamp backs it.
Evidence `iSH.ipa/Payload/iSH.app/iSH @ 1038192+27600 = {"signing_time":"2023-05-20T23:41:10Z","timestamp_token":false}`
Finding ID `0593e92e30f44d91`

○ Info ✓ Verified **Code and sealed items match the signature**
Verified: all 254 code-page hashes of iSH match the file's content (architectures: arm64), so the signed code was not altered after signing; and these items bound into the signature match their recorded hashes: requirements, entitlements, DER entitlements, Info.plist, CodeResources.
Evidence `iSH.ipa/Payload/iSH.app/iSH = {"pages_checked":254,"pages_skipped_encrypted":0,"slots_matching":["requirements","entitlements","DER entitlements","Info.plist","CodeResources"]}`
Finding ID `4d339d8bc7216ea7`

○ Info ✓ Verified **Bundle resources match the seal**

Verified: the 85 files listed in the CodeResources of iSH.app all match their hashes, and 0 nested code items match their cdhash.

Evidence `iSH.ipa/Payload/iSH.app/_CodeSignature/CodeResources = {"files_matching":85,"nested_code_matching":0,"not_checkable":0,"table":"files2"}`

Finding ID `e30dbeee995e4b89`

○ Info ✓ Verified **Nested bundles match their seals**

Verified: in 1 nested bundle (frameworks, extensions, …) every file listed in the bundle's own CodeResources matches, with none added or missing.

Evidence `iSH.ipa/Payload/iSH.app/PlugIns/iSHFileProvider.appex/_CodeSignature/CodeResources = {"nested_bundles_intact":1}`

Finding ID `7f1edb6b1d636609`

○ Info ✓ Verified **Code signing overview**

2 Mach-O files in all; by signature type: 2 distribution. Team identifiers seen: CK5SXRTBR7.

Evidence `iSH.ipa/Payload/iSH.app/PlugIns/iSHFileProvider.appex/iSHFileProvider = distribution`

Evidence `iSH.ipa/Payload/iSH.app/iSH = distribution`

Finding ID `7b80b568d995ccfc`

○ Info ✓ Verified **Provisioning profile**

The embedded provisioning profile is named “match AppStore app.ish.iSH”, belongs to team Theodore Dubois (CK5SXRTBR7), was created 2022-12-28T17:54:20Z and expires 2023-12-28T17:44:10Z.

Evidence `iSH.ipa/Payload/iSH.app/embedded.mobileprovision @ Name = match AppStore app.ish.iSH`

Evidence `iSH.ipa/Payload/iSH.app/embedded.mobileprovision @ UUID = 3d082f42-c51e-4d2a-ada3-af6fd14449b7`

Evidence `iSH.ipa/Payload/iSH.app/embedded.mobileprovision @ TeamIdentifier = ["CK5SXRTBR7"]`

Evidence `iSH.ipa/Payload/iSH.app/embedded.mobileprovision @ ExpirationDate = 2023-12-28T17:44:10Z`

Evidence `iSH.ipa/Payload/iSH.app/embedded.mobileprovision @ Entitlements.application-identifier = CK5SXRTBR7.app.ish.iSH`

Finding ID `1a6935e8c05b5404`

○ Info → Derived **App Store profile**

An App Store distribution profile: it lists no devices and serves submission to the App Store or TestFlight.

Evidence `iSH.ipa/Payload/iSH.app/embedded.mobileprovision @ ProvisionsAllDevices = false`

Evidence `iSH.ipa/Payload/iSH.app/embedded.mobileprovision @ ProvisionedDevices.count = null`

Evidence `iSH.ipa/Payload/iSH.app/embedded.mobileprovision @ Entitlements.get-task-allow = false`

Finding ID `1bb6d629625c1ac0`

○ Info ✓ Verified **Profile signature verifies**

Verified: the profile's CMS signature value verifies with the public key of the certificate “Apple iPhone OS Provisioning Profile Signing” (chain verified up to a known Apple root: true).

Evidence `iSH.ipa/Payload/iSH.app/embedded.mobileprovision = {"chain":{"anchor":"known root: Apple Root CA","certificates":[{"apple_extensions":["1.2.840.113635.100.6.58"],"common_name":"Apple iPhone OS Provisioning Profi…`

Finding ID `e4bdbcdad4e7e645`

○ Info → Derived **Profile covers the executable's entitlements**

All 6 entitlements in the main executable's signature are within what the profile grants.

Evidence `iSH.ipa/Payload/iSH.app/iSH = {"entitlements":["application-identifier","beta-reports-active","com.apple.developer.team-identifier","com.apple.developer.user-fonts","com.apple.security.appli…`

Evidence `iSH.ipa/Payload/iSH.app/embedded.mobileprovision @ Entitlements = ["application-identifier","beta-reports-active","com.apple.developer.team-identifier","com.apple.developer.user-fonts","com.apple.security.application-groups","…`

Finding ID `1f6c078d8b7a436f`

○ Info ✓ Verified **Signer is listed in the profile**

Verified: the certificate that signed the main executable is among the developer certificates of the profile.

Evidence `iSH.ipa/Payload/iSH.app/iSH = {"signer_certificate_sha256":"f470064f0db8f20c738a233c28e0f952a4d0a8952a1957e3e64def4df530f432"}`

Evidence `iSH.ipa/Payload/iSH.app/embedded.mobileprovision @ DeveloperCertificates = ["f470064f0db8f20c738a233c28e0f952a4d0a8952a1957e3e64def4df530f432"]`

Finding ID `86c1ae3564072880`

4 Structure • 6 kinds / 6 findings

○ Info ✓ Verified **Localisations**
iSH.app carries localised resources for 1 language: Base.
Evidence `iSH.ipa/Payload/iSH.app/Base.lproj/About.storyboardc/3pK-7p-Qt4-view-opY-Hr-EYZ.nib/objects-12.3+.nib = ["Base"]`
Finding ID `989d9651baa11879`

○ Info ✓ Verified **Asset catalogs**
iSH.app holds 1 compiled asset catalog (Assets.car), 184815 bytes in total. The images inside were not extracted.
Evidence `iSH.ipa/Payload/iSH.app/Assets.car = {"size":184815}`
Finding ID `803442d789e797a4`

○ Info → Derived **Size**
186 files, 9738649 bytes in all. The input itself holds 1 file (4232682 bytes); a further 189 files (18264630 bytes) were unpacked from 4 containers, nested up to 4 deep.
Evidence `iSH.ipa = 1`
Finding ID `79f875e5c6849a67`

○ Info → Derived **Size by type**
The largest type is elf: 17 files, 5136704 bytes, 52.7% of all content. The full breakdown is in the summary data structure.by_type.
Evidence `iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/bin/busybox = elf`
Finding ID `9726553e44759747`

○ Info ✓ Verified **Largest file**
The largest file is iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/lib/libcrypto.so.1.1 (2491124 bytes). The top 25 are in the summary data structure.largest.
Evidence `iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/lib/libcrypto.so.1.1 = 2491124`
Finding ID `3347882810761d37`

○ Info ✓ Verified **Identical files**
24 groups of files have identical content (same SHA-256); the repeated copies add up to 104429 bytes.
Evidence `iSH.ipa/Payload/iSH.app/Base.lproj/About.storyboardc/ItN-wa-djf-view-mE8-Gn-C1h.nib/objects-12.3+.nib = 5d3a1d8f6ae4615450bcc9683c8b3e93b33d9a59ca8501598fcf9f1ecac86a5f`
Evidence `iSH.ipa/Payload/iSH.app/Base.lproj/About.storyboardc/ItN-wa-djf-view-mE8-Gn-C1h.nib/runtime.nib = 5d3a1d8f6ae4615450bcc9683c8b3e93b33d9a59ca8501598fcf9f1ecac86a5f`
Finding ID `33b76b008528ceba`

5 Technology and composition • 6 kinds / 38 findings

○ Info × 17 • Verified **Linked libraries** 17 findings
`…/iSHFileProvider`
Linked libraries (7): /System/Library/Frameworks/Foundation.framework/Foundation, /usr/lib/libobjc.A.dylib, /usr/lib/libSystem.B.dylib, /System/Library/Frameworks/CoreFoundation.framework/CoreFoundation, /System/Library/Frameworks/FileProvider.framework/FileProvider, /System/Library/Frameworks/MobileCoreServices.framework/MobileCoreServices, /usr/lib/libsqlite3.dylib. The full list is in the fact binary.libraries.
`…/iSH`
Linked libraries (17): /System/Library/Frameworks/CoreLocation.framework/CoreLocation, /System/Library/Frameworks/SystemConfiguration.framework/SystemConfiguration, /usr/lib/libbz2.1.0.dylib, /usr/lib/libiconv.2.dylib, /usr/lib/libresolv.9.dylib, /System/Library/Frameworks/Foundation.framework/Foundation, /usr/lib/libobjc.A.dylib, /usr/lib/libSystem.B.dylib, …. The full list is in the fact binary.libraries.
Linked libraries (1): libc.musl-x86.so.1. The full list is in the fact binary.libraries.
The same holds 8 times, for `…/busybox`, `…/libcrypto.so.1.1`, `…/libz.so.1.2.11`, `…/mkmntdirs`, `…/getconf`, `…/getent`, `…/iconv`, `…/scanelf`
7 more of this kind are not listed here; report.html and report.json hold them all.

○ Info × 2 • Derived **Programming language** 2 findings
Contains code written in Objective-C (basis: section __objc_methname).
The same holds 2 times, for …/iSHFileProvider, …/iSH

○ Info × 16 • Verified **Compiler identification** 16 findings
The .comment section records the compiler identification: GCC: (Alpine 10.3.1_git20210424) 10.3.1 20210424.
The same holds 16 times, for …/ld-musl-i386.so.1, …/libapk.so.3.12.0, …/libcrypto.so.1.1, …/libssl.so.1.1, …/libz.so.1.2.11, …/apk, …/mkmntdirs, …/getconf, …/getent, …/iconv …
6 more of this kind are not listed here; report.html and report.json hold them all.

○ Info ✓ Verified **Build environment**
iSH.app: Build environment recorded in the Info.plist: Xcode 1420, Xcode build 14C18, SDK iphoneos16.2, SDK build 20C52, platform iphoneos, platform version 16.2, platform build 20C52, compiler com.apple.compilers.llvm.clang.1_0, build machine OS 21G531. Xcode writes these fields; they can be edited.
Evidence iSH.ipa/Payload/iSH.app/Info.plist @ DTXcode = 1420
Evidence iSH.ipa/Payload/iSH.app/Info.plist @ DTXcodeBuild = 14C18
Evidence iSH.ipa/Payload/iSH.app/Info.plist @ DTSDKName = iphoneos16.2
Evidence iSH.ipa/Payload/iSH.app/Info.plist @ DTSDKBuild = 20C52
Evidence iSH.ipa/Payload/iSH.app/Info.plist @ DTPlatformName = iphoneos
4 more pieces of evidence not shown here
Finding ID faa0e4d5383026ab

○ Info ✓ Verified **Embedded code**
iSH.app embeds 1 code component: 1 app-extension. The apple.embedded fact lists them all.
Evidence iSH.ipa/Payload/iSH.app/PlugIns/iSHFileProvider.appex/Info.plist = {"count":1,"first":true,"kind":"app-extension"}
Finding ID fd952092efe8e84c

○ Info → Derived **Component list**
1 software component was read from manifests and metadata in the package (apple: 1). Only components that declare themselves are listed; libraries compiled statically into a program are not. The full list is in the summary data composition.components and can be exported as CycloneDX.
Finding ID d18d1bec39c6ee57

6 Permissions and capabilities • 7 kinds / 10 findings

○ Info × 4 • Verified **Declares use of a protected resource** 4 findings
…/Info.plist
iSH.app: Declares access to “Location Always And When In Use” (NSLocationAlwaysAndWhenInUseUsageDescription). The reason shown to the user is: “Programs running in iSH will be allowed to track your location in the background.”. This is a declaration; the program does not necessarily use it.
…/Info.plist
iSH.app: Declares access to “Local Network” (NSLocalNetworkUsageDescription). The reason shown to the user is: “This is required for connecting to localhost and using the ping command.”. This is a declaration; the program does not necessarily use it.
…/Info.plist
iSH.app: Declares access to “Location When In Use” (NSLocationWhenInUseUsageDescription). The reason shown to the user is: “Programs running in iSH will be allowed to see your location.”. This is a declaration; the program does not necessarily use it.
…/Info.plist
iSH.app: Declares access to “Location Always” (NSLocationAlwaysUsageDescription). The reason shown to the user is: “Programs running in iSH will be allowed to track your location in the background.”. This is a declaration; the program does not necessarily use it.

○ Info ✓ Verified **Background modes**
iSH.app: Declares these background modes: location.
Evidence iSH.ipa/Payload/iSH.app/Info.plist @ UIBackgroundModes = ["location"]
Finding ID da99ea081817b19f

○ Info ✓ Verified **Required device capabilities**
iSH.app: Requires these device capabilities: arm64.
Evidence `iSH.ipa/Payload/iSH.app/Info.plist @ UIRequiredDeviceCapabilities = ["arm64"]`
Finding ID `b1f7c8d4def7dcc6`

○ Info ✓ Verified **File sharing**
iSH.app: UIFileSharingEnabled is set: the app's Documents folder can be read and written through Finder or iTunes.
Evidence `iSH.ipa/Payload/iSH.app/Info.plist @ UIFileSharingEnabled = true`
Finding ID `881bcf96d4278e68`

○ Info ✓ Verified **App extension**
The app extension iSHFileProvider.appex plugs into the extension point com.apple.fileprovider-nonui.
Evidence `iSH.ipa/Payload/iSH.app/PlugIns/iSHFileProvider.appex/Info.plist @ NSExtension.NSExtensionPointIdentifier = com.apple.fileprovider-nonui`
Finding ID `6bb2b369ddc90e5a`

○ Info ✓ Verified **Entitlements**
The signature of iSH carries 6 entitlements: application-identifier, beta-reports-active, com.apple.developer.team-identifier, com.apple.developer.user-fonts, com.apple.security.application-groups, get-task-allow. The evidence gives each value.
Evidence `iSH.ipa/Payload/iSH.app/iSH @ entitlements.application-identifier = CK5SXRTBR7.app.ish.iSH`
Evidence `iSH.ipa/Payload/iSH.app/iSH @ entitlements.beta-reports-active = true`
Evidence `iSH.ipa/Payload/iSH.app/iSH @ entitlements.com.apple.developer.team-identifier = CK5SXRTBR7`
Evidence `iSH.ipa/Payload/iSH.app/iSH @ entitlements.com.apple.developer.user-fonts = ["app-usage"]`
Evidence `iSH.ipa/Payload/iSH.app/iSH @ entitlements.com.apple.security.application-groups = ["group.app.ish.iSH"]`
1 more pieces of evidence not shown here
Finding ID `3d1f2a1ab66c6fb5`

○ Info ✓ Verified **App groups**
iSH may use 1 app-group container: group.app.ish.iSH. Apps and extensions of one developer share data through them.
Evidence `iSH.ipa/Payload/iSH.app/iSH @ entitlements.com.apple.security.application-groups = ["group.app.ish.iSH"]`
Finding ID `e34a59c7cfb794db`

7 Hardening • 9 kinds / 79 findings

● Low × 3 • Heuristic **No stack canary found** 3 findings
No stack-protector symbol (__stack_chk_fail) is referenced. The code may have been built without stack protection, or may have no function that needs it. This is inferred from symbols and proves little.
The same holds 3 times, for `…/mkmntdirs`, `…/getconf`, `…/capi.so`

● Low × 12 • Heuristic **No FORTIFY_SOURCE found** 12 findings
`…/busybox`
libc functions that can be fortified are imported (fread, memmove, mempcpy, pread, read, readlink, …) but none of the length-checked variants (__*_chk) are. The code may have been built without _FORTIFY_SOURCE; calls the compiler can prove safe are not replaced either. This is inferred from imported symbols and proves little.
`…/libapk.so.3.12.0`
libc functions that can be fortified are imported (memmove, read, snprintf, strcpy, strncpy, vsnprintf) but none of the length-checked variants (__*_chk) are. The code may have been built without _FORTIFY_SOURCE; calls the compiler can prove safe are not replaced either. This is inferred from imported symbols and proves little.
`…/libcrypto.so.1.1`
libc functions that can be fortified are imported (fgets, fread, memmove, read, recvfrom, sprintf, …) but none of the length-checked variants (__*_chk) are. The code may have been built without _FORTIFY_SOURCE; calls the compiler can prove safe are not replaced either. This is inferred from imported symbols and proves little.

…/libssl.so.1.1
libc functions that can be fortified are imported (memmove, sprintf, strcpy) but none of the length-checked variants (__*_chk) are. The code may have been built without _FORTIFY_SOURCE; calls the compiler can prove safe are not replaced either. This is inferred from imported symbols and proves little.
…/libz.so.1.2.11
libc functions that can be fortified are imported (memcpy, memset, read, snprintf, vsnprintf) but none of the length-checked variants (__*_chk) are. The code may have been built without _FORTIFY_SOURCE; calls the compiler can prove safe are not replaced either. This is inferred from imported symbols and proves little.
…/apk
libc functions that can be fortified are imported (snprintf, sprintf) but none of the length-checked variants (__*_chk) are. The code may have been built without _FORTIFY_SOURCE; calls the compiler can prove safe are not replaced either. This is inferred from imported symbols and proves little.
…/getent
libc functions that can be fortified are imported (snprintf) but none of the length-checked variants (__*_chk) are. The code may have been built without _FORTIFY_SOURCE; calls the compiler can prove safe are not replaced either. This is inferred from imported symbols and proves little.
…/iconv
libc functions that can be fortified are imported (fread, memmove) but none of the length-checked variants (__*_chk) are. The code may have been built without _FORTIFY_SOURCE; calls the compiler can prove safe are not replaced either. This is inferred from imported symbols and proves little.
…/scanelf
libc functions that can be fortified are imported (memmove, read, snprintf, stpcpy, strcat, strcpy, …) but none of the length-checked variants (__*_chk) are. The code may have been built without _FORTIFY_SOURCE; calls the compiler can prove safe are not replaced either. This is inferred from imported symbols and proves little.
libc functions that can be fortified are imported (read) but none of the length-checked variants (__*_chk) are. The code may have been built without _FORTIFY_SOURCE; calls the compiler can prove safe are not replaced either. This is inferred from imported symbols and proves little.
The same holds 2 times, for …/ssl_client, …/afalg.so
…/libtls.so.2.0.3
libc functions that can be fortified are imported (memmove, pread, read) but none of the length-checked variants (__*_chk) are. The code may have been built without _FORTIFY_SOURCE; calls the compiler can prove safe are not replaced either. This is inferred from imported symbols and proves little.

○ Info × 16 • Derived **Stack canary** 16 findings
The stack-protector symbol ___stack_chk_fail is referenced, so at least part of the code was built with stack-overflow detection. This is inferred from the symbol.
The same holds 2 times, for …/iSHFileProvider, …/iSH
The stack-protector symbol __stack_chk_fail is referenced, so at least part of the code was built with stack-overflow detection. This is inferred from the symbol.
The same holds 14 times, for …/busybox, …/ld-musl-i386.so.1, …/libapk.so.3.12.0, …/libcrypto.so.1.1, …/libssl.so.1.1, …/libz.so.1.2.11, …/apk, …/getent …
6 more of this kind are not listed here; report.html and report.json hold them all.

○ Info × 8 • Verified **Position-independent executable (PIE)** 8 findings
The executable is position-independent (PIE), so the system can randomise where it is loaded (ASLR).
The same holds 8 times, for …/busybox, …/apk, …/mkmntdirs, …/getconf, …/getent, …/iconv, …/scanelf, …/ssl_client

○ Info × 17 • Verified **Non-executable stack (NX)** 17 findings
PT_GNU_STACK has no execute flag: data on the stack cannot run as code.
The same holds 17 times, for …/busybox, …/ld-musl-i386.so.1, …/libapk.so.3.12.0, …/libcrypto.so.1.1, …/libssl.so.1.1, …/libz.so.1.2.11, …/apk, …/mkmntdirs, …/getconf, …/getent …
7 more of this kind are not listed here; report.html and report.json hold them all.

○ Info × 17 • Verified **Full RELRO** 17 findings
PT_GNU_RELRO is present and immediate binding (BIND_NOW) is requested: once relocation is done, relocation data including the GOT becomes read-only.
The same holds 17 times, for …/busybox, …/ld-musl-i386.so.1, …/libapk.so.3.12.0, …/libcrypto.so.1.1, …/libssl.so.1.1, …/libz.so.1.2.11, …/apk, …/mkmntdirs, …/getconf, …/getent …
7 more of this kind are not listed here; report.html and report.json hold them all.

○ Info × 2 • Verified **Position-independent executable (PIE)** 2 findings
The header has MH_PIE set: the system can randomise where the executable is loaded (ASLR).
The same holds 2 times, for …/iSHFileProvider, …/iSH

○ Info × 2 • Verified **Non-executable stack** 2 findings
The header does not have MH_ALLOW_STACK_EXECUTION set: data on the stack cannot run as code.
The same holds 2 times, for …/iSHFileProvider, …/iSH

○ Info × 2 • Derived **Automatic Reference Counting (ARC)** 2 findings
The ARC runtime function _objc_autoreleaseReturnValue is referenced, so at least part of the Objective-C code uses Automatic Reference Counting. This is inferred from the symbol.
The same holds 2 times, for …/iSHFileProvider, …/iSH

8 Network and endpoints • 1 kind / 1 finding

○ Info ✓ Verified **Hosts mentioned in the files**
110 distinct URLs pointing at 42 hosts were found in 23 files. These are addresses written in the files; the program does not necessarily contact them.
Evidence iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/etc/os-release = alpinelinux.org
Evidence iSH.ipa/Payload/iSH.app/repositories.txt = apk.ish.app
Evidence iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/etc/os-release = bugs.alpinelinux.org
Evidence iSH.ipa/Payload/iSH.app/hterm_all.js = bugzilla.mozilla.org
Evidence iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/lib/apk/db/installed = busybox.net
5 more pieces of evidence not shown here
Finding ID 228c2faf820989b6

9 Secrets

No findings in this chapter. This means no enabled check matched, not that nothing of the kind exists.

10 Privacy

No findings in this chapter. This means no enabled check matched, not that nothing of the kind exists.

11 Code insight • 4 kinds / 47 findings

○ Info × 16 • Verified **Symbols stripped** 16 findings
Names of internal functions and variables have been stripped; only the names dynamic linking needs remain.
The same holds 16 times, for …/iSHFileProvider, …/iSH, …/busybox, …/ld-musl-i386.so.1, …/libapk.so.3.12.0, …/libcrypto.so.1.1, …/libssl.so.1.1, …/libz.so.1.2.11, …/apk, …/mkmntdirs …
6 more of this kind are not listed here; report.html and report.json hold them all.

○ Info × 3 • Verified **Symbol table present** 3 findings
…/getconf
The symbol table has not been stripped: it holds 70 symbol names, so internal function names can be read directly.
…/getent
The symbol table has not been stripped: it holds 132 symbol names, so internal function names can be read directly.

…/iconv
The symbol table has not been stripped: it holds 63 symbol names, so internal function names can be read directly.

Info × 19 • Verified **Imported and exported symbols** 19 findings
…/iSHFileProvider
Imported symbols: 112; exported symbols: 33. The lists are in the facts binary.imports and binary.exports.
…/iSH
Imported symbols: 437; exported symbols: 1. The lists are in the facts binary.imports and binary.exports.
…/busybox
Imported symbols: 386; exported symbols: 2. The lists are in the facts binary.imports and binary.exports.
…/ld-musl-i386.so.1
Imported symbols: 0; exported symbols: 1762. The lists are in the facts binary.imports and binary.exports.
…/libapk.so.3.12.0
Imported symbols: 203; exported symbols: 243. The lists are in the facts binary.imports and binary.exports.
…/libcrypto.so.1.1
Imported symbols: 133; exported symbols: 4342. The lists are in the facts binary.imports and binary.exports.
…/libssl.so.1.1
Imported symbols: 447; exported symbols: 499. The lists are in the facts binary.imports and binary.exports.
…/libz.so.1.2.11
Imported symbols: 21; exported symbols: 98. The lists are in the facts binary.imports and binary.exports.
…/apk
Imported symbols: 156; exported symbols: 2. The lists are in the facts binary.imports and binary.exports.
…/mkmntdirs
Imported symbols: 12; exported symbols: 2. The lists are in the facts binary.imports and binary.exports.
9 more of this kind are not listed here; report.html and report.json hold them all.

Info × 9 • Verified **Debug information present** 9 findings
…/ld-musl-i386.so.1
The file carries debug information: separate debug file ld-musl-i386.so.1.debug (.gnu_debuglink).
…/libcrypto.so.1.1
The file carries debug information: separate debug file libcrypto.so.1.1.debug (.gnu_debuglink).
…/libssl.so.1.1
The file carries debug information: separate debug file libssl.so.1.1.debug (.gnu_debuglink).
The file carries debug information: DWARF sections.
The same holds 3 times, for …/getconf, …/getent, …/iconv
…/afalg.so
The file carries debug information: separate debug file afalg.so.debug (.gnu_debuglink).
…/capi.so
The file carries debug information: separate debug file capi.so.debug (.gnu_debuglink).
…/padlock.so
The file carries debug information: separate debug file padlock.so.debug (.gnu_debuglink).

12 Anomalies

No findings in this chapter. This means no enabled check matched, not that nothing of the kind exists.

13 File inventory

Path	Size (bytes)	Type	Entropy	SHA-256
iSH.ipa	4232682	ipa (application/zip) • unpacked by zip	7.9971	74b22a209340c5dc6e94975d8c07e4814ae2299dfe0b62cfa22640090d80f36c
iSH.ipa/Payload/iSH.app/3d.png	9375	image/png	3.8690	0c20dc16d01d565f0ba05a6fecf976baabfd184e2124de4220ab6ea7a228af95
iSH.ipa/Payload/iSH.app/AppIcon60x60@2x.png	750	image/png	6.7145	51b54337431b97bbcfc0165f019a8f1a8117838c286c013a7b14385c128b4428
iSH.ipa/Payload/iSH.app/AppIcon76x76@2x~ipad.png	819	image/png	6.1058	952246a9dad092ce3fce1f4d59ed9e82e2d3988d8187f01c6262c91c2c8469ff

Path	Size (bytes)	Type	Entropy	SHA-256
iSH.ipa/Payload/iSH.app/Assets.car	184815	application/octet-stream	6.4477	32292b59475e713a1cde252dee4e84e4644f41b15a51338c8bee7edbe7168f8e
iSH.ipa/Payload/iSH.app/Base.lproj/About.storyboardc/3pK-7p-Qt4-view-opY-Hr-EYZ.nib/objects-12.3+.nib	4837	application/octet-stream	5.7775	14dbc20bde202623756baedea960fd32b6f601f7de10ebf029d8070bc43b3796
iSH.ipa/Payload/iSH.app/Base.lproj/About.storyboardc/3pK-7p-Qt4-view-opY-Hr-EYZ.nib/runtime.nib	4837	application/octet-stream	5.7775	14dbc20bde202623756baedea960fd32b6f601f7de10ebf029d8070bc43b3796
iSH.ipa/Payload/iSH.app/Base.lproj/About.storyboardc/9eV-Jd-Xng-view-GV8-4O-0fU.nib/objects-12.3+.nib	2517	application/octet-stream	5.7608	6cc229c8b346471deeaef71e690d55135909b6edf219cd12f2920c7a5e448c7c
iSH.ipa/Payload/iSH.app/Base.lproj/About.storyboardc/9eV-Jd-Xng-view-GV8-4O-0fU.nib/runtime.nib	2517	application/octet-stream	5.7608	6cc229c8b346471deeaef71e690d55135909b6edf219cd12f2920c7a5e448c7c
iSH.ipa/Payload/iSH.app/Base.lproj/About.storyboardc/FontPicker.nib/objects-12.3+.nib	1117	application/octet-stream	5.6651	f1f66bf375dfc635be1c8b38ba5b57e1d0f27316a9bae4495f7a4a7737c9af3a
iSH.ipa/Payload/iSH.app/Base.lproj/About.storyboardc/FontPicker.nib/runtime.nib	1117	application/octet-stream	5.6651	f1f66bf375dfc635be1c8b38ba5b57e1d0f27316a9bae4495f7a4a7737c9af3a
iSH.ipa/Payload/iSH.app/Base.lproj/About.storyboardc/Info.plist	846	application/octet-stream	5.4994	577d11e19feb0b227ba216df3e55eac8e4cde4ac4ccd6b9d9b20888daa36a0fe
iSH.ipa/Payload/iSH.app/Base.lproj/About.storyboardc/ItN-wa-djf-view-mE8-Gn-C1h.nib/objects-12.3+.nib	28354	application/octet-stream	5.8208	5d3a1d8f6ae4615450bcc9683c8b3e93b33d9a59ca8501598fcf9f1ecac86a5f
iSH.ipa/Payload/iSH.app/Base.lproj/About.storyboardc/ItN-wa-djf-view-mE8-Gn-C1h.nib/runtime.nib	28354	application/octet-stream	5.8208	5d3a1d8f6ae4615450bcc9683c8b3e93b33d9a59ca8501598fcf9f1ecac86a5f
iSH.ipa/Payload/iSH.app/Base.lproj/About.storyboardc/Kph-uQ-Zpl-view-Mja-N2-5Xn.nib/objects-12.3+.nib	3557	application/octet-stream	5.7436	7d3d47d1b89178653bbe4f563c3f041eedd75a6f60b5756c8e0f3800a6c19c1e
iSH.ipa/Payload/iSH.app/Base.lproj/About.storyboardc/Kph-uQ-Zpl-view-Mja-N2-5Xn.nib/runtime.nib	3557	application/octet-stream	5.7436	7d3d47d1b89178653bbe4f563c3f041eedd75a6f60b5756c8e0f3800a6c19c1e
iSH.ipa/Payload/iSH.app/Base.lproj/About.storyboardc/Theme.nib/objects-12.3+.nib	1005	application/octet-stream	5.6121	617ff12c7cc552f245b426087c704bba52c454261892c1ab8fed018405dda988
iSH.ipa/Payload/iSH.app/Base.lproj/About.storyboardc/Theme.nib/runtime.nib	1005	application/octet-stream	5.6121	617ff12c7cc552f245b426087c704bba52c454261892c1ab8fed018405dda988
iSH.ipa/Payload/iSH.app/Base.lproj/About.storyboardc/Themes.nib/objects-12.3+.nib	1204	application/octet-stream	5.6691	931b88e221fb19f990bd9cf7c893611a7e5a1e5d9ce610a6fb2f27e07ce616c7
iSH.ipa/Payload/iSH.app/Base.lproj/About.storyboardc/Themes.nib/runtime.nib	1204	application/octet-stream	5.6691	931b88e221fb19f990bd9cf7c893611a7e5a1e5d9ce610a6fb2f27e07ce616c7
iSH.ipa/Payload/iSH.app/Base.lproj/About.storyboardc/UINavigationController-0yy-Uo-cZb.nib/objects-12.3+.nib	3093	application/octet-stream	5.7315	f3a0f99a68dccc67e58cacbbbb35d26998910f3a03a07e47227090aa1bf2deee
iSH.ipa/Payload/iSH.app/Base.lproj/About.storyboardc/UINavigationController-0yy-Uo-cZb.nib/runtime.nib	3093	application/octet-stream	5.7315	f3a0f99a68dccc67e58cacbbbb35d26998910f3a03a07e47227090aa1bf2deee
iSH.ipa/Payload/iSH.app/Base.lproj/About.storyboardc/UITableViewController-ItN-wa-djf.nib/objects-12.3+.nib	3298	application/octet-stream	5.7131	f8fe4573b3e2c86dc92f8f7e7bcc3cd1036727267719cf5ef73e1c4409ff6ad5
iSH.ipa/Payload/iSH.app/Base.lproj/About.storyboardc/UITableViewController-ItN-wa-djf.nib/runtime.nib	3298	application/octet-stream	5.7131	f8fe4573b3e2c86dc92f8f7e7bcc3cd1036727267719cf5ef73e1c4409ff6ad5
iSH.ipa/Payload/iSH.app/Base.lproj/About.storyboardc/UITableViewController-Zzy-IN-laJ.nib/objects-12.3+.nib	1275	application/octet-stream	5.6730	535a34e00893c92314771cad85e97eaa9a88ca217b0127b98c5b5619375361a8
iSH.ipa/Payload/iSH.app/Base.lproj/About.storyboardc/UITableViewController-Zzy-IN-laJ.nib/runtime.nib	1275	application/octet-stream	5.6730	535a34e00893c92314771cad85e97eaa9a88ca217b0127b98c5b5619375361a8
iSH.ipa/Payload/iSH.app/Base.lproj/About.storyboardc/UIViewController-9eV-Jd-Xng.nib/objects-12.3+.nib	1522	application/octet-stream	5.7268	a2942ce15577420e0fa34c5b0597e74e8f4465d76df1310a7dd623a9f31cdd17

Path	Size (bytes)	Type	Entropy	SHA-256
iSH.ipa/Payload/iSH.app/Base.lproj/About.storyboardc/UIViewController-9eV-Jd-Xng.nib/runtime.nib	1522	application/octet-stream	5.7268	a2942ce15577420e0fa34c5b0597e74e8f4465d76df1310a7dd623a9f31cdd17
iSH.ipa/Payload/iSH.app/Base.lproj/About.storyboardc/UIViewController-cfv-rk-mN1.nib/objects-12.3+.nib	1229	application/octet-stream	5.7115	c196a9ca9c6bc6f97b1ff6f41c6167d3634d3d76d50ca50c9381427766eb7f25
iSH.ipa/Payload/iSH.app/Base.lproj/About.storyboardc/UIViewController-cfv-rk-mN1.nib/runtime.nib	1229	application/octet-stream	5.7115	c196a9ca9c6bc6f97b1ff6f41c6167d3634d3d76d50ca50c9381427766eb7f25
iSH.ipa/Payload/iSH.app/Base.lproj/About.storyboardc/UIViewController-gsu-Hv-LDC.nib/objects-12.3+.nib	841	application/octet-stream	5.5095	07b9ed69cc71d32462a227d199d43068909f3ed2b54e9d9a4506786059259148
iSH.ipa/Payload/iSH.app/Base.lproj/About.storyboardc/UIViewController-gsu-Hv-LDC.nib/runtime.nib	841	application/octet-stream	5.5095	07b9ed69cc71d32462a227d199d43068909f3ed2b54e9d9a4506786059259148
iSH.ipa/Payload/iSH.app/Base.lproj/About.storyboardc/Zzy-IN-laJ-view-ZlS-Ig-a8Z.nib/objects-12.3+.nib	12489	application/octet-stream	5.6522	c0093eb4299df5d9e11b265a8637a6fc64dbaa760263cbf2a5d1a38e3e344960
iSH.ipa/Payload/iSH.app/Base.lproj/About.storyboardc/Zzy-IN-laJ-view-ZlS-Ig-a8Z.nib/runtime.nib	12489	application/octet-stream	5.6522	c0093eb4299df5d9e11b265a8637a6fc64dbaa760263cbf2a5d1a38e3e344960
iSH.ipa/Payload/iSH.app/Base.lproj/About.storyboardc/aZY-tt-Itk-view-Ad9-H3-d4a.nib/objects-12.3+.nib	4084	application/octet-stream	5.6630	7389626f408c03698c6a4ce34aa375c39d56fb2cb1d6c422a61f63aa94eddcc0
iSH.ipa/Payload/iSH.app/Base.lproj/About.storyboardc/aZY-tt-Itk-view-Ad9-H3-d4a.nib/runtime.nib	4084	application/octet-stream	5.6630	7389626f408c03698c6a4ce34aa375c39d56fb2cb1d6c422a61f63aa94eddcc0
iSH.ipa/Payload/iSH.app/Base.lproj/About.storyboardc/cfv-rk-mN1-view-bZC-Ac-YDX.nib/objects-12.3+.nib	11019	application/octet-stream	5.8330	2151bb1b77ba93e36af9e47c0784f658615505a6c1bda70c4e59e98c71450807
iSH.ipa/Payload/iSH.app/Base.lproj/About.storyboardc/cfv-rk-mN1-view-bZC-Ac-YDX.nib/runtime.nib	10790	application/octet-stream	5.8376	8fa7b8d1219c8e0ed2d681d47c97ddfd3d19c9eabc943d1bdd550c5cce5846f5
iSH.ipa/Payload/iSH.app/Base.lproj/About.storyboardc/yJz-O7-jlW-view-fxP-eK-TyP.nib/objects-12.3+.nib	18750	application/octet-stream	5.6280	39997129181e8c2c758a9e68121057f91b30368485616c5a1c5836f52ef24c3f
iSH.ipa/Payload/iSH.app/Base.lproj/About.storyboardc/yJz-O7-jlW-view-fxP-eK-TyP.nib/runtime.nib	18750	application/octet-stream	5.6280	39997129181e8c2c758a9e68121057f91b30368485616c5a1c5836f52ef24c3f
iSH.ipa/Payload/iSH.app/Base.lproj/LaunchScreen.storyboardc/01J-lp-oVM-view-Ze5-6b-2t3.nib	1197	application/octet-stream	5.6276	56598efb2d0f8874c0f9c1b103c4d57bb89d58ba7d6eaeb9ac09e596678b1b29
iSH.ipa/Payload/iSH.app/Base.lproj/LaunchScreen.storyboardc/Info.plist	258	application/octet-stream	5.1014	1f255d5cc53b531e3f29a9406a8df49a958e2bf9443d3e20bd8374f707f7d5c8
iSH.ipa/Payload/iSH.app/Base.lproj/LaunchScreen.storyboardc/UIViewController-01J-lp-oVM.nib	896	application/octet-stream	5.5932	716abbabe890726a52a1a14679c9f23dd28510f170443dec960526c45003915b
iSH.ipa/Payload/iSH.app/Base.lproj/Terminal.storyboardc/BYZ-38-t0r-view-8bC-Xf-vdC.nib	2799	application/octet-stream	5.8024	968c478d3154a79e134ab71587a78e9ece72d0bead281c999fd7cbcaeb315d2a
iSH.ipa/Payload/iSH.app/Base.lproj/Terminal.storyboardc/Info.plist	258	application/octet-stream	5.1384	3e9bdaa408d1eb6ae5e989b813a8644e0a4a981202c536905de52a7291e69aa4
iSH.ipa/Payload/iSH.app/Base.lproj/Terminal.storyboardc/UIViewController-BYZ-38-t0r.nib	10035	application/octet-stream	5.8439	1599f054499edec29f60a9c41b793478a2fbb01c8a6e2682819496d04d8331b3
iSH.ipa/Payload/iSH.app/Icons.plist	2295	application/octet-stream	5.9359	a2d9bb4289d94494d01d3857e4f2518e2c004a0ef52e8e19f51c22b18b591cdd
iSH.ipa/Payload/iSH.app/Info.plist	2946	info-plist (application/octet-stream)	6.3894	525eee7d2e2e006f8a3b31f1480ac684c0ffdc8e5612befb2190e4863cb2c355
iSH.ipa/Payload/iSH.app/PkgInfo	8	text/plain	1.7500	82502191c9484b04d685374f9879a0066069c49b8acae7a04b01d38d07e8eca0
iSH.ipa/Payload/iSH.app/PlugIns/iSHFileProvider.appex/Info.plist	1090	info-plist (application/octet-stream)	5.9373	1895f97d13c0682dda2cd8b8e5c807cb212394afb2abbe280433e1e847ef8d1c

Path	Size (bytes)	Type	Entropy	SHA-256
iSH.ipa/Payload/iSH.app/PlugIns/iSHFileProvider.appex/_CodeSignature/CodeResources	2040	code-resources (text/xml)	4.9036	44489b3d16d867405d15d43c61907b0dcf27e4f9ebf8fe98917cbd8d10f671dc
iSH.ipa/Payload/iSH.app/PlugIns/iSHFileProvider.appex/embedded.mobileprovision	12315	application/x-x509-ca-cert	6.8890	001a107f147555222493f76d5b6477fbb1b24f52f7600ed5feaea589cdda5e01
iSH.ipa/Payload/iSH.app/PlugIns/iSHFileProvider.appex/iSHFileProvider	112192	macho (application/x-mach-binary)	4.2621	b00971a8771277a41b860c5a8a6e0ed4147bb4a76cedb689f9dc5bd68200fe56
iSH.ipa/Payload/iSH.app/Roots.storyboardc/2wD-dq-vPG-view-bpq-zM-xfc.nib	8509	application/octet-stream	5.7652	127b41ecf15e715931e1cf56f391f8a43896980c9dc86f84fe81dad3578dc9fe
iSH.ipa/Payload/iSH.app/Roots.storyboardc/6Vk-68-e3U-view-dYB-X7-Une.nib	7709	application/octet-stream	5.8245	94edfec7c9648e8787cd7c39c98751d8122f57f870a7cffef9a5fd24ec935171
iSH.ipa/Payload/iSH.app/Roots.storyboardc/Info.plist	382	application/octet-stream	5.2672	53abe4ff1c6da153da4ec15bbcf5cb81afb94333c1edc958207a20a5f439f7eb
iSH.ipa/Payload/iSH.app/Roots.storyboardc/KZI-b6-Ikz-view-Se6-aN-9KE.nib	6407	application/octet-stream	5.6996	130ae28f8b0d6f198b02c9e8f79c31fa761ba0413ae366c24e74d1420d7ead03
iSH.ipa/Payload/iSH.app/Roots.storyboardc/UITableViewController-2wD-dq-vPG.nib	1073	application/octet-stream	5.5913	00228c3f59e6bc526eab967eb01972fa2000fabe0b47c0b223b60a0da21a2ede
iSH.ipa/Payload/iSH.app/Roots.storyboardc/UITableViewController-6Vk-68-e3U.nib	1746	application/octet-stream	5.6894	674786a117811f6928c888a1fab5863754ddcb1001de7e94d7f1c90dd7a3f24f
iSH.ipa/Payload/iSH.app/Roots.storyboardc/progress.nib	1109	application/octet-stream	5.6048	d01024a0bd4b9cc8c449f31de404de23c21453a90c7f4411bd45716574f0651d
iSH.ipa/Payload/iSH.app/Settings.bundle/Root.plist	721	text/xml	5.0780	79883d657e5b6edc6f7cd3b7a599572ad5f379f68ce684983c24d49914d65212
iSH.ipa/Payload/iSH.app/_CodeSignature/CodeResources	25251	code-resources (text/xml)	5.4997	1aa178067e84fb45a358efed4fc0100e8137a7bfecc80b11df6b403b1637289a
iSH.ipa/Payload/iSH.app/circular.png	61412	image/png	7.5263	2314bfa11176a3390c136b0b0c1f0076c8deccb3b26611e0b66b4aa9fcebd0b7
iSH.ipa/Payload/iSH.app/colontildehash.png	23956	image/png	6.7833	3fddf4444169014aec6b51538d0564335c81c92e26a9f35e78cd4b1915f3efdd
iSH.ipa/Payload/iSH.app/dollarblock1.png	8090	image/png	7.5985	8502a416bced7760c9fdedc40485d13e032652a9f2ce1e992d089df1d628392c
iSH.ipa/Payload/iSH.app/dollarblock2.png	2574	image/png	7.7155	35db6590c8c399bc84ee135186e0a6874c9c63ad1639a7235a33119cfa544916
iSH.ipa/Payload/iSH.app/embedded.mobileprovision	12451	provisioning-profile (application/x-x509-ca-cert)	6.8775	7d5266cf595c6d89f0d34e5b89e30c34af3fbd5974e3256f971eb438c13d32c4
iSH.ipa/Payload/iSH.app/freeiosterminal.png	27905	image/png	7.7970	677ada489d245b9f85aa634b3f06d7142d1c6c6528c055bc7125b662cd62e371
iSH.ipa/Payload/iSH.app/hterm_all.js	714659	text/plain	5.1413	7387fc760f360eb1d23e3b09a4f91435aefbfe65cc6bfe9fa79ec4be822a7715
iSH.ipa/Payload/iSH.app/iSH	1065792	macho (application/x-mach-binary)	6.0388	c4b4d502c8b9dd02e1b02d008f4323d5ac3d8177d345de68040c1df674e9639e
iSH.ipa/Payload/iSH.app/icon.png	3387	image/png	3.7956	50febc5f103599637b3ee2f2fe49a4ebb29b4016a5453579e36056d9d6d16ea4
iSH.ipa/Payload/iSH.app/icon1337.png	10634	image/png	4.5458	89ec7ada531ac4d1560ba76ae6bc2a6c94de8be5e164da49e07051634675fe6e
iSH.ipa/Payload/iSH.app/idollarhash.png	30086	image/png	7.3860	b1f002ed1b8c1fa89503eaddfbd19fc5f64b2692b8d05fad57a9b1cb9cfa31f4
iSH.ipa/Payload/iSH.app/ihash1.png	13939	image/png	6.2166	9f095e822c7ba1f41c23c509f8e812a1b3d8143f6a700a82b7e1afbd85e0e39d
iSH.ipa/Payload/iSH.app/iinhash.png	5431	image/png	5.9070	beea176805c7af77f7f9ca75a236b49486fbb23fda24d31a52b70867b0d1578b
iSH.ipa/Payload/iSH.app/is.png	28532	image/png	7.8050	733481028bd0143b05968530cc3d060893e12e689df830543a68250fe74c9b35
iSH.ipa/Payload/iSH.app/ishcolontildehash.png	21240	image/png	7.0037	d48428758297e7d499a83b11e4340e3b42774398bcc83bf31ead13ca69021a39
iSH.ipa/Payload/iSH.app/metal.png	28604	image/png	7.3487	38badbe532e71cb71b6cec40a500dedcf67f1329d1483be6e8c777782bda9c0c
iSH.ipa/Payload/iSH.app/notsurewhatthisis.png	32818	image/png	7.8994	dcd5f834604e0b388cf041e6ef29ebd1920edbf2cac605c956cb42e2230aaca7
iSH.ipa/Payload/iSH.app/pydann1.png	39234	image/png	5.3945	ce6af26d1c8c7507aaca0bf695646699ab88a46de81e54a71f029ca0fbf9cad8
iSH.ipa/Payload/iSH.app/pydann2.png	35962	image/png	5.0304	9f2bac67aa9ddfd195174bc68f97c57641b1e4443ed3af4bab0339b80761d265

Path	Size (bytes)	Type	Entropy	SHA-256
iSH.ipa/Payload/iSH.app/repositories.txt	87	text/plain	4.4545	8b8be324d4ba2b05f8d50ec750ad37eab577ecc786df2ed60dc13ea73aa0b177
iSH.ipa/Payload/iSH.app/reworked.png	4702	image/png	4.4467	872c75e27a56ef5c14eaa3f2c90216647f6ca2fbf9379a64849c998ae17bed11
iSH.ipa/Payload/iSH.app/rgb.png	25414	image/png	7.4833	3e5220ef619bda9923e4a6bcce08291aa28ca9676e5c9eee6ec2a4878ad5bce3
iSH.ipa/Payload/iSH.app/root.tar.gz	2759837	gzip (application/gzip) • unpacked by stream	7.9975	2f322cf80fdb4d35063d92524549e9b58a1f3228f2cff6a43283b0264d7215b0
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar	5754880	tar (application/x-tar) • unpacked by tar	6.5390	6a81207f3e7328da2b149a3078f42ad61c09d5fb8e2617ed88a76c2d1a3889af
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/bin/busybox	791644	elf (application/x-executable)	6.7230	687a78b4d04a3bc5781b78e4c38b036ac27873c16c7e0e5c89b8e4bb680610d2
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/etc/alpine-release	7	text/plain	2.2359	5ab05f548328863dd73c057cc6bde305fc62a87522b3f28eadb9bbdd3b1409be
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/etc/apk/arch	4	text/plain	2.0000	a378bf7deacab619e4bc03dbd73cb6cb43bc01bcc96a528eb32825cc5789c6be
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/etc/apk/keys/alpine-devel@lists.alpinelinux.org-4a6a0840.rsa.pub	451	application/x-x509-ca-cert	5.9000	9c102bcc376af1498d549b77bdbfa815ae86faa1d2d82f040e616b18ef2df2d4
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/etc/apk/keys/alpine-devel@lists.alpinelinux.org-5243ef4b.rsa.pub	451	application/x-x509-ca-cert	5.8796	ebf31683b56410ecc4c00acd9f6e2839e237a3b62b5ae7ef686705c7ba0396a9
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/etc/apk/keys/alpine-devel@lists.alpinelinux.org-5261cecb.rsa.pub	451	application/x-x509-ca-cert	5.8919	12f899e55a7691225603d6fb3324940fc51cd7f133e7ead788663c2b7eecb00c
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/etc/apk/keys/alpine-devel@lists.alpinelinux.org-6165ee59.rsa.pub	800	application/x-x509-ca-cert	5.9859	207e4696d3c05f7cb05966aee557307151f1f00217af4143c1bcaf33b8df733f
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/etc/apk/keys/alpine-devel@lists.alpinelinux.org-61666e3f.rsa.pub	800	application/x-x509-ca-cert	5.9715	128d34d4aec39b0daedea8163cd8dc24dff36fd3d848630ab97eeb1d3084bbb3
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/etc/apk/repositories	103	text/plain	4.4759	7b5dba82c50baee0b4aee54038ca2265df42d1f873d1601934bb45daf17311b4
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/etc/apk/world	59	text/plain	3.9613	713e3907167dce202d7c16034831af3d670191382a3e9026e0ac0a4023013201
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/etc/crontabs/root	283	text/plain	4.5950	575d810a9fae5f2f0671c9b2c0ce973e46c7207fbe5cb8d1b0d1836a6a0470e3
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/etc/fstab	89	text/plain	4.3587	a3efca2e8d62785c87517283092b4c800d88612b6f3f06b80a4c2f39d8e68841
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/etc/group	697	text/plain	4.5221	0632d55a680810650974 72fe7bc7c66f0785f3b78f39fb23f622d24a7e09be9f
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/etc/hostname	10	text/plain	2.9219	d906aecb61d076a967d9ffe8821c7b04b063f72df9d9e35b33ef36b1c0d98f16
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/etc/hosts	79	text/plain	3.9409	e3998dbe02b51dada33de87ae43d18a93ab6915b9e34f5a751bf2b9b25a55492
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/etc/inittab	570	text/plain	4.6464	54a5f36970125bf70cdf7b215c9e12a287d92ad76a693bd72aec4cbc5645df87
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/etc/issue	54	text/plain	4.2732	f589d09686821c320d934ac6b872d59906ac080da3f460555df0d7e0c46595e7
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/etc/logrotate.d/acpid	140	text/plain	4.5046	d608a3b7715886b5735def0cc50a6359fd364fac2e0e0a459c588c04be471031
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/etc/modprobe.d/aliases.conf	1545	text/plain	4.9458	3ebaba946f213670170c7d69949f690a3854553bd0b1560f1d980cba4c83a942
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/etc/modprobe.d/blacklist.conf	1998	text/plain	4.7700	2e2a6fd7a554924bbb5cbdd30f73dc05963fe0c458437b520cf4d503d4d73ff7
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/etc/modprobe.d/i386.conf	122	text/plain	4.5001	6c46c4cbfb8b7594f19eb94801a350fa2221ae9ac5239a8819d15555caa76ae8
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/etc/modprobe.d/kms.conf	91	text/plain	4.0383	50467fa732f809f3a2bb5738628765c5f895c3a237e1c1ad09f85d41fd9ca7c5
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/etc/modules	15	text/plain	3.5069	2c881de75a5409c35d2433a24f180b8b02ba478ef2c1c60ea3434a35bcbc335d
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/etc/motd	121	text/plain	4.4610	3f967e6ff25090ce9edbf386f88c93399c9155d54e99c069e39b3db964be336c

Path	Size (bytes)	Type	Entropy	SHA-256
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/etc/network/if-up.d/dad	265	text/x-shellscript	5.1586	8ee2455448c12cd1fd0befbc84f1ace7b80ba46603aff0d67bc7bcad604ea466
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/etc/os-release	164	text/plain	5.2322	bc79a91195d61649fc94c1523b8215075960fd40f5fcaab2cc912dbb9fe4d28c
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/etc/passwd	1172	text/plain	4.5724	2e0902cf0a7f64bf4e64ef2fad66ae977b4d01975dddf5352a84aea5c4e901f0
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/etc/profile	877	text/plain	5.4302	18063e92c4246a941005b420e3157e54ff6df813900d77cbdde8dd6638686942
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/etc/profile.d/README	249	text/plain	4.4002	b73284f27fe2da9ae1902b1fe9596c3ffc61a154e2805a034184f0468f8b09b0
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/etc/profile.d/color_prompt.sh.disabled	295	text/plain	5.1609	a00b56dbd437d3f2c32ced50974daa3cfc84a8dd1cbaf75cf307be20b398fc75
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/etc/profile.d/locale.sh	61	text/plain	4.5347	84eb9034099d759ff08e6da5a731cacfc63a319547ad0f1dfc1c64853aca93f2
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/etc/protocols	2932	text/plain	5.2795	a90a2be9c2a88be6fbfc1fc73ba76f34698377bb19513e5de503dbb0bfe13be1
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/etc/resolv.conf	0	application/x-empty	unknown	e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/etc/securetty	98	text/plain	3.4024	49382575069e4b954a36f1fb2248d1bd96ee7ba28a5b12798fa92d80a29d0fab
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/etc/services	12966	text/plain	5.1983	d85f9ab44e46d6605d749935cf9827a38f767b0e5e56ae8d948ef67e0759e52d
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/etc/shadow	422	text/plain	3.0170	2d6f677c66af468f483597fbaa53dbe7150eb925a111c2da25c96220915c6a1a
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/etc/shells	38	text/plain	3.8000	24be6ceb236610df45684c83b06c918ae45635be55f69975e43676b7595bbc5f
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/etc/ssl/certs/ca-certificates.crt	214057	application/x-x509-ca-cert	5.9701	d75cdb6193888dc21d52bc2050b42be988eebdcf87d00e6b80397b097b6821d4
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/etc/ssl/ct_log_list.cnf	412	text/plain	4.6303	f1c1803d13d1d0b755b13b23c28bd4e20e07baf9f2b744c9337ba5866aa0ec3b
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/etc/ssl/ct_log_list.cnf.dist	412	text/plain	4.6303	f1c1803d13d1d0b755b13b23c28bd4e20e07baf9f2b744c9337ba5866aa0ec3b
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/etc/ssl/misc/CA.pl	7598	text/x-shellscript	5.2123	61ab95f7e96f2b0f2acdcafb8afde2f6c43e899416397230c2fae9c1e701e45b
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/etc/ssl/misc/tsget.pl	6579	text/x-shellscript	5.2922	23e35449d18e085d82ed576d754c2dee7cf0580b7f73ed70fbb944278e4c3fa6
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/etc/ssl/openssl.cnf	10909	text/plain	4.9978	f10ba64917b4458fafc1e078c2eb9e6a7602e68fc98c2e9e6df5e1636ae27d6b
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/etc/ssl/openssl.cnf.dist	10909	text/plain	4.9978	f10ba64917b4458fafc1e078c2eb9e6a7602e68fc98c2e9e6df5e1636ae27d6b
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/etc/sysctl.conf	53	text/plain	4.1073	8bba47da45bc8715c69ac904a60410eabffaa7bbbef640f9c1368ab9c48493d0
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/etc/udhcpd.conf	5306	text/plain	4.9918	edf929b3bf6da1fbde03687020739ee97a9a3edc825db6b768e3e2ce08ebbdd3
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/ish/apk-version	4	text/plain	2.0000	ae52ed8efc8f80657f8cc7af72c6d75336bdf7654a65585d4569739e1d2caec3
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/ish/version	0	application/x-empty	unknown	e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/lib/apk/db/installed	13967	text/plain	5.7096	7c0e0828862e909061346905b20f9ee5726df4d1073ea90ac774a4b118958ccc
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/lib/apk/db/lock	0	application/x-empty	unknown	e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/lib/apk/db/scripts.tar	11264	tar (application/x-tar) • unpacked by tar	3.5253	b2bbf78dc7af7a3e361d93abea641bd787b2ad3dc17e8a93b27476dd340df73d
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/lib/apk/db/scripts.tar/alpine-baselayout-3.2.0-r16.Q1d8E674G4cxQFu5yUJbQ4BF4WDtg=.post-install	983	text/x-shellscript	5.0475	0c5c2575e764207c0858ba07fc0e82d09c10a2a43eebe542a5a6df6437ec2895
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/lib/apk/db/scripts.tar/alpine-baselayout-3.2.0-r16.Q1d8E674G4cxQFu5yUJbQ4BF4WDtg=.post-upgrade	983	text/x-shellscript	5.0475	0c5c2575e764207c0858ba07fc0e82d09c10a2a43eebe542a5a6df6437ec2895

Path	Size (bytes)	Type	Entropy	SHA-256
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/lib/apk/db/scripts.tar/alpine-baselayout-3.2.0-r16.Q1d8E674G4cxQFu5yUJbQ4BF4WDtg=.pre-install	56	text/x-shellscript	4.6088	28ecff91a36f438ca26bc8cc08d857863378aa94eab399a1f413e52501b86f85
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/lib/apk/db/scripts.tar/alpine-baselayout-3.2.0-r16.Q1d8E674G4cxQFu5yUJbQ4BF4WDtg=.pre-upgrade	706	text/x-shellscript	4.7516	d9a2eda587985f9a60f82be6bb559afe69cfde35b754ae8325969237f34fca7f
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/lib/apk/db/scripts.tar/busybox-1.33.1-r6.Q1wu1oHDetLJXic6EzW+5qNqFkQgE=.post-install	131	text/x-shellscript	4.3244	6905da4590089b88c068361861e1f6d6e2e2968faab4e7ce28914e4bfc8c321f
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/lib/apk/db/scripts.tar/busybox-1.33.1-r6.Q1wu1oHDetLJXic6EzW+5qNqFkQgE=.post-upgrade	1056	text/x-shellscript	4.7012	ec53c02a37d10054093b477665c12986fbbca679dabf8834a33ac289b6f0cace
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/lib/apk/db/scripts.tar/busybox-1.33.1-r6.Q1wu1oHDetLJXic6EzW+5qNqFkQgE=.trigger	546	text/x-shellscript	4.8730	0d63b08ed79c5a2348548852c9674c5c947abe2c97691162bd94a887ebd7d1f0
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/lib/apk/db/triggers	76	text/plain	4.7891	a03f556bb271171625c21acae97358fbd4b30c93cf5d99f7579aee680a9415de
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/lib/ld-musl-i386.so.1	607980	elf (application/x-executable)	6.8662	aa5ab53b9167792183286f573128a363285b319668e3ad5608e2b7168874b850
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/lib/libapk.so.3.12.0	199224	elf (application/x-executable)	6.3175	7c729a6a200c5480daf21ace8c0c7edf1147e7a4a33152b2d10b3bf7fc2a9159
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/lib/libcrypto.so.1.1	2491124	elf (application/x-executable)	6.7351	c2c97f7e16537f8d977c64dd5416dbc171a269c39871dbc1e771e5bbf496f5a2
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/lib/libssl.so.1.1	548968	elf (application/x-executable)	6.2446	3bb0eaa906b9edda0ffa4044e27f4da9d6fa346d13489014851664d8553e1037
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/lib/libz.so.1.2.11	103652	elf (application/x-executable)	6.2260	340ef6cb15968ba1a7357e6d45fb1f214bd45d330486a13dd9fb15ce04892c7d
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/lib/sysctl.d/00-alpine.conf	1278	text/plain	4.8218	ee169bea2cb6859420b55ca7a9c23fb68b50adc1d26c951f904dec9e8f767380
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/run/.containerenv	0	application/x-empty	unknown	e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/sbin/apk	64316	elf (application/x-executable)	6.2240	4b1aba4f43c454f2a2d8e0fb96b8a0960700a657191e45580ac653daf0019708
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/sbin/ldconfig	393	text/x-shellscript	5.4126	b4a2c06db38742e8c42c3c9838b285a7d8cdac6c091ff3df5ff9a15f1e41b9c7
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/sbin/mkmntdirs	13428	elf (application/x-executable)	1.5250	39d3b5d4cfb415d02906393148123d4e760bd3f8e7ef60e666041898276bf3ca
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/usr/bin/getconf	28132	elf (application/x-executable)	3.9720	1422ba6ee4ce073d287d691bfbbc6c4d01207bef6e97f8dd3edf0a0347845351
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/usr/bin/getent	40428	elf (application/x-executable)	4.9736	adf611b506f133fc75ef01b00f400615badc0ac05577211ddd5b02ab665572f4
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/usr/bin/iconv	23252	elf (application/x-executable)	3.7220	153a092fe4be0ee8166269fa3fcb469c8884fdc7f019dea7e05fada537d29eac
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/usr/bin/ldd	50	text/x-shellscript	4.5488	8aa62af22941cea969baedb93c323106f696fe6b55871598b430de9e8895a5c6
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/usr/bin/scanelf	83140	elf (application/x-executable)	6.0042	a69d724aa8b711c44446d27069037a2d00a424eb0f4bc780516ca4323edfe45d
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/usr/bin/ssl_client	13428	elf (application/x-executable)	2.5690	1d8a8e6e3ab9a5cfb3a02d2e5c4987e0d5c96707cc361337deab2a07202b1647
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/usr/lib/engines-1.1/afalg.so	17904	elf (application/x-executable)	4.6656	cc4440d3810b6bd15c930045c84deb0de7bb224a00949224000ce220fc4c9792
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/usr/lib/engines-1.1/capi.so	13364	elf (application/x-executable)	1.1013	f78aa3abe6df0bda69f0f7f49a3f127c997e6a1492012f5d13dfdeaf48721649
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/usr/lib/engines-1.1/padlock.so	21788	elf (application/x-executable)	5.4302	2343f1b01d5135053078dd4daa6ae4d15167c39eb43b457a1cd5caefaad709f6
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/usr/lib/libtls.so.2.0.3	74932	elf (application/x-executable)	5.7617	ba2de4cd240c5d452dda16b793500c7a313f6692e8024aeec3d4af8793817fd0
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/usr/share/apk/keys/alpine-devel@lists.alpinelinux.org-4a6a0840.rsa.pub	451	application/x-x509-ca-cert	5.9000	9c102bcc376af1498d549b77bdbfa815ae86faa1d2d82f040e616b18ef2df2d4

Path	Size (bytes)	Type	Entropy	SHA-256
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/usr/share/apk/keys/alpine-devel@lists.alpinelinux.org-5243ef4b.rsa.pub	451	application/x-x509-ca-cert	5.8796	ebf31683b56410ecc4c00acd9f6e2839e237a3b62b5ae7ef686705c7ba0396a9
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/usr/share/apk/keys/alpine-devel@lists.alpinelinux.org-524d27bb.rsa.pub	451	application/x-x509-ca-cert	5.8810	1bb2a846c0ea4ca9d0e7862f970863857fc33c32f5506098c636a62a726a847b
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/usr/share/apk/keys/alpine-devel@lists.alpinelinux.org-5261cecb.rsa.pub	451	application/x-x509-ca-cert	5.8919	12f899e55a7691225603d6fb3324940fc51cd7f133e7ead788663c2b7eecb00c
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/usr/share/apk/keys/alpine-devel@lists.alpinelinux.org-58199dcc.rsa.pub	451	application/x-x509-ca-cert	5.8685	73867d92083f2f8ab899a26ccda7ef63dfaa0032a938620eda605558958a8041
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/usr/share/apk/keys/alpine-devel@lists.alpinelinux.org-58cbb476.rsa.pub	451	application/x-x509-ca-cert	5.8449	9a4cd858d9710963848e6d5f555325dc199d1c952b01cf6e64da2c15deedbd97
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/usr/share/apk/keys/alpine-devel@lists.alpinelinux.org-58e4f17d.rsa.pub	451	application/x-x509-ca-cert	5.8602	780b3ed41786772cbc7b68136546fa3f897f28a23b30c72dde6225319c44cfff
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/usr/share/apk/keys/alpine-devel@lists.alpinelinux.org-5e69ca50.rsa.pub	451	application/x-x509-ca-cert	5.8459	59c01c57b446633249f67c04b115dd6787f4378f183dff2bbf65406df93f176d
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/usr/share/apk/keys/alpine-devel@lists.alpinelinux.org-60ac2099.rsa.pub	451	application/x-x509-ca-cert	5.8869	db0b49163f07ffba64a5ca198bcf1688610b0bd1f0d8d5afeaf78559d73f2278
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/usr/share/apk/keys/alpine-devel@lists.alpinelinux.org-6165ee59.rsa.pub	800	application/x-x509-ca-cert	5.9859	207e4696d3c05f7cb05966aee557307151f1f00217af4143c1bcaf33b8df733f
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/usr/share/apk/keys/alpine-devel@lists.alpinelinux.org-61666e3f.rsa.pub	800	application/x-x509-ca-cert	5.9715	128d34d4aec39b0daedea8163cd8dc24dff36fd3d848630ab97eeb1d3084bbb3
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/usr/share/apk/keys/alpine-devel@lists.alpinelinux.org-616a9724.rsa.pub	800	application/x-x509-ca-cert	5.9749	10877cce0a935e46ad88cb79e174a2491680508eccda08e92bf04fb9bf37fbc1
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/usr/share/apk/keys/alpine-devel@lists.alpinelinux.org-616abc23.rsa.pub	800	application/x-x509-ca-cert	5.9874	4a095a9daca86da496a3cd9adcd95ee2197fdbeb84638656d469f05a4d740751
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/usr/share/apk/keys/alpine-devel@lists.alpinelinux.org-616ac3bc.rsa.pub	800	application/x-x509-ca-cert	6.0130	0caf5662fde45616d88cfd7021b7bda269a2fcaf311e51c48945a967a609ec0b
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/usr/share/apk/keys/alpine-devel@lists.alpinelinux.org-616adfeb.rsa.pub	800	application/x-x509-ca-cert	5.9812	ebe717d228555aa58133c202314a451f81e71f174781fd7ff8d8970d6cfa60da
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/usr/share/apk/keys/alpine-devel@lists.alpinelinux.org-616ae350.rsa.pub	800	application/x-x509-ca-cert	5.9885	d11f6b21c61b4274e182eb888883a8ba8acdbf820dcc7a6d82a7d9fc2fd2836d
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/usr/share/apk/keys/alpine-devel@lists.alpinelinux.org-616db30d.rsa.pub	800	application/x-x509-ca-cert	5.9937	40a216cbd163f22e5f16a9e0929de7cde221b9cbae8e36aa368b1e128afe0a31
iSH.ipa/Payload/iSH.app/root.tar.gz/root.tar/usr/share/udhcpc/default.script	3685	text/x-shellscript	5.2753	04d4b9c67b5e4ee561047a3578d3d031bda5580435c2f118651394a3325a101f
iSH.ipa/Payload/iSH.app/sprite64.png	2118	image/png	5.2264	a8cc1d8895c990653957104846e6db2ae9f90dde1f208c49457c0a96e30311327
iSH.ipa/Payload/iSH.app/term.css	160	text/plain	4.2652	5deb8ec3ed6638ec00eebcbe3a3d43c68178e2e345cdd07c16008f8553153c86
iSH.ipa/Payload/iSH.app/term.html	303	text/html	4.7847	2c5d92e0c3b834d5de86dad4b6858a4595b0c70dba1de2ccd3f457060b563553
iSH.ipa/Payload/iSH.app/term.js	5634	text/plain	4.8818	5e20b2f6ef0975c3ca10fd12c71641835804c4b28ea6854a67ca4f843f2931a5
iSH.ipa/Payload/iSH.app/uninspired.png	36292	image/png	7.4127	03153f777ff071b97262d40f9dfb7b40138aa9c6ef30c9d35634a7b6a20966ac
iSH.ipa/Symbols/07D1A145-0161-336A-B5D7-A3D67A77B0A0.symbols	61260	application/octet-stream	4.5980	c8043bd2830d04b7df68ef76ba6821ca55fef962550f5895457c7fefe9e21262
iSH.ipa/Symbols/A5BA84B0-ACC1-36FC-B81A-8C706372CAA0.symbols	1382188	application/octet-stream	4.8665	0ad3cf1562f93b052d9e5f55c427b5bb311879eda751dfb9deb622b472fc4431

14 Coverage and limitations

Every file in the tree was read in full.

Trust was not evaluated online or against system policy (1)

Every signature check was made offline: certificate revocation was not queried, expiry as of today was not judged, Apple was not asked about notarization, and Gatekeeper's policy was not simulated (requirement expressions were not evaluated). “Verified” in this report covers only the checks it names.

- Affects: the whole run