



IOS STATIC ANALYSIS REPORT



🍏 `$(PRODUCT_NAME)`
`$(MARKETING_VERSION)`

File Name: ios-1-15-0.zip

Identifier: `$(PRODUCT_BUNDLE_IDENTIFIER)`

Average CVSS Score: 7.5

App Security Score: 90/100 (LOW RISK)

Scan Date:

May 27, 2021, 3:14 p.m.

FILE INFORMATION

File Name: ios-1-15-0.zip

Size: 1.3MB

MD5: 3fe5c3f1e03b0d88881920a8607cfe9e

SHA1: 3a6c29dd93469008c77b60275cb7c7ab78335d0c

SHA256: 53eeef13a17493a033ac790d76893890506d39ec6510bb4489b206f513312040

APP INFORMATION

App Name: \$(PRODUCT_NAME)

App Type: Swift

Identifier: \$(PRODUCT_BUNDLE_IDENTIFIER)

SDK Name:

Version: \$(MARKETING_VERSION)

Build: \$(CURRENT_PROJECT_VERSION)

Platform Version:

Min OS Version:

Supported Platforms:

CODE ANALYSIS

NO	ISSUE	SEVERITY	STANDARDS	FILES
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NO	ISSUE	SEVERITY	STANDARDS	FILES
1	Used Realm database has configured encryption.	secure	CVSS V2: 0 (info) CWE: CWE-311 OWASP Top 10: M2: Insecure Data Storage OWASP MASVS: MSTG-STORAGE-14	ios/BT/Storage/BTSecureStorage.swift
2	The App logs information. Sensitive information should never be logged.	info	CVSS V2: 7.5 (high) CWE: CWE-532 OWASP MASVS: MSTG-STORAGE-3	ios/BT/ExposureManager.swift
3	Files may contain hardcoded sensitive informations like usernames, passwords, keys etc.	high	CVSS V2: 7.4 (high) CWE: CWE-312 Cleartext Storage of Sensitive Information OWASP Top 10: M9: Reverse Engineering OWASP MASVS: MSTG-STORAGE-14	ios/BT/Extensions/Foundation/StringExtensions.swift

URLs

URL	FILE
https://github.com/nh7a/Geohash/blob/master/Sources/Geohash/Geohash.swift https://www.movable-type.co.uk/scripts/geohash.html	ios/COVIDSafePaths/storage/Geohash.swift
https://developer.apple.com/documentation/exposurenotification/enmanager https://developer.apple.com/documentation/exposurenotification/enmanager/3583720-activate	ios/BT/ExposureManager.swift
https://developer.apple.com/documentation/exposurenotification/enexposuresummaryitem/3644417-weighteddurationsum ,	ios/BT/Extensions/Exposure Notifications/Scoring.swift
http://stackoverflow.com/questions/24145838/querying-ios-keychain-using-swift/27721328#27721328	ios/BT/Storage/BTSecureStorage.swift
https://forums.developer.apple.com/thread/113632	ios/EscrowVerification/Extensions/Extensions.swift

App Security Score Calculation

Every app is given an ideal score of 100 to begin with.

For every findings with severity **high** we reduce 15 from the score.

For every findings with severity **warning** we reduce 10 from the score.

For every findings with severity **good** we add 5 to the score.

If the calculated score is greater than 100, then the app security score is considered as 100.

And if the calculated score is less than 0, then the app security score is considered as 10.

Risk Calculation

APP SECURITY SCORE	RISK
0 - 15	CRITICAL
16 - 40	HIGH
41 - 70	MEDIUM
71 - 100	LOW

Report Generated by - MobSF v3.1.8 Beta

Mobile Security Framework (MobSF) is an automated, all-in-one mobile application (Android/iOS/Windows) pen-testing, malware analysis and security assessment framework capable of performing static and dynamic analysis.

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