



IOS STATIC ANALYSIS REPORT



🍏 PathCheck BT
\$(MARKETING_VERSION))

File Name: ios.zip

Identifier: \$(PRODUCT_BUNDLE_IDENTIFIER)

Average CVSS Score: 7.5

App Security Score: 90/100 (LOW RISK)

Scan Date:

Jan. 27, 2021, 6:26 p.m.

FILE INFORMATION

File Name: ios.zip

Size: 1.32MB

MD5: 48c3ad57f8afb5018621d5d8f8c7f4db

SHA1: 30ec32bedb8c75460e84c4a12119cb090f2b82cc

SHA256: 12bcd078c6b15651b609f9d0e2ff0393575ce929951419daecad70ca879aadae

APP INFORMATION

App Name: PathCheck BT

App Type: Swift

Identifier: \$(PRODUCT_BUNDLE_IDENTIFIER)

SDK Name:

Version: \$(MARKETING_VERSION)

Build: \$(CURRENT_PROJECT_VERSION)

Platform Version:

Min OS Version:

Supported Platforms:

#CUSTOM URL SCHEMES

URL NAME	SCHEMES
pathcheck Editor	pathcheck

CODE ANALYSIS

NO	ISSUE	SEVERITY	STANDARDS	FILES
1	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
2	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
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

DOMAIN MALWARE CHECK

DOMAIN	STATUS	GEOLOCATION
www.movable-type.co.uk	good	IP: 88.98.24.69 Country: United Kingdom of Great Britain and Northern Ireland Region: England City: Rochdale Latitude: 53.617661 Longitude: -2.1552 View: Google Map
developer.apple.com	good	IP: 17.253.23.202 Country: United States of America Region: Colorado City: Denver Latitude: 39.739151 Longitude: -104.984703 View: Google Map

DOMAIN	STATUS	GEOLOCATION
stackoverflow.com	good	IP: 151.101.65.69 Country: United States of America Region: California City: San Francisco Latitude: 37.7757 Longitude: -122.395203 View: Google Map
github.com	good	IP: 140.82.113.3 Country: United States of America Region: California City: San Francisco Latitude: 37.7757 Longitude: -122.395203 View: Google Map
forums.developer.apple.com	good	IP: 104.126.209.87 Country: United States of America Region: Colorado City: Englewood Latitude: 39.64777 Longitude: -104.987762 View: Google Map

URLs

URL	FILE
https://forums.developer.apple.com/thread/113632	ios/EscrowVerification/Extensions/Extensions.swift
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
http://stackoverflow.com/questions/24145838/querying-ios-keychain-using-swift/27721328#27721328	ios/BT/Storage/BTSecureStorage.swift

URL	FILE
https://developer.apple.com/documentation/exposurenotification/enexposure-summaryitem/3644417-weighteddurationsum),	ios/BT/Extensions/Exposure Notifications/Scoring.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 v3.2.5 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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