MOBSF

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)

📦 FILE INFORMATION

File Name: ios.zip
Size: 1.31MB
MD5: 1d0a1c0b137befa6a9acfc0c317f29ae
SHA1: 947f8d6fabd02ab9b4717c5f1a854eaef71b99e0
SHA256: f9aff5e1b23417f1ce9812c1ca38c25cfe8ddd00cddbe1b22936006637aecb40

ℹ️ 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	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/StringxExtensions.swift
3	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

⚙ DOMAIN MALWARE CHECK

DOMAIN	STATUS	GEOLOCATION
github.com	good	**IP:** 140.82.112.4 **Country:** United States of America **Region:** California **City:** San Francisco **Latitude:** 37.7757 **Longitude:** -122.395203 **View:** Google Map
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

DOMAIN	STATUS	GEOLOCATION
developer.apple.com	good	**IP:** 17.253.23.205 **Country:** United States of America **Region:** Colorado **City:** Denver **Latitude:** 39.739151 **Longitude:** -104.984703 **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
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

🌐 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-weightedurationsum),	ios/BT/Extensions/Exposure Notificatio ns/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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