



CVE-2019-8840

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[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

Certain versions of [Xcode](#) from [Apple](#) contain the following vulnerability:

An out-of-bounds read was addressed with improved bounds checking. This issue is fixed in Xcode 11.3. Compiling with untrusted sources may lead to arbitrary code execution with user privileges.

CVE-2019-8840 has been assigned by product-security@apple.com to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: **Apple** - **Xcode** version < 11.3

CVSS3 Score: **8.8 - HIGH**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	LOW	LOW	NONE
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	HIGH	HIGH	HIGH

CVSS2 Score: **6.5 - MEDIUM**

Access Vector	Access Complexity	Authentication
NETWORK	LOW	SINGLE
Confidentiality Impact	Integrity Impact	Availability Impact
PARTIAL	PARTIAL	PARTIAL

CVE References

Description	Tags	Link
About the security content of Xcode 11.3 - Apple Support	Vendor Advisory support.apple.com text/html	MISC support.apple.com/en-us/HT210796

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Apple	Xcode	All	All	All	All
Application	Apple	Xcode	All	All	All	All
cpe:2.3:a:apple:xcode:*****:						
cpe:2.3:a:apple:xcode:*****:						

No vendor comments have been submitted for this CVE

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