



CVE-2016-4728

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

CVSS:30/AV:N/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H



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

WebKit in Apple iOS before 10, tvOS before 10, iTunes before 12.5.1 on Windows, and Safari before 10 mishandles error prototypes, which allows remote attackers to execute arbitrary code via a crafted web site.

CVE-2016-4728 has been assigned by product-security@apple.com to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **8.8 - HIGH**

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

CVSS2 Score: **6.8 - MEDIUM**

Access Vector	Access Complexity	Authentication
NETWORK	MEDIUM	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
PARTIAL	PARTIAL	PARTIAL

CVE References

Description	Tags	Link
APPLE-SA-2016-09-20-3 iOS 10	Mailing List Vendor Advisory lists.apple.com text/html	APPLE APPLE-SA-2016-09-20-3

About the security content of Safari 10 - Apple Support	Vendor Advisory support.apple.com text/html	 CONFIRM support.apple.com/HT207157
About the security content of tvOS 10 - Apple Support	Vendor Advisory support.apple.com text/html	 CONFIRM support.apple.com/HT207142
Apple iTunes/TV OS/Safari/iOS Multiple Memory Corruption Vulnerabilities	Third Party Advisory VDB Entry cve.report (archive) text/html	 BID 93064
APPLE-SA-2016-09-20-6 tvOS 10	Mailing List Vendor Advisory lists.apple.com text/html	 APPLE APPLE-SA-2016-09-20-6
About the security content of iOS 10 - Apple Support	Vendor Advisory support.apple.com text/html	 CONFIRM support.apple.com/HT207143
About the security content of iTunes 12.5.1 for Windows - Apple Support	Vendor Advisory support.apple.com text/html	 CONFIRM support.apple.com/HT207158
APPLE-SA-2016-09-20-7 iTunes 12.5.1 for Windows	Mailing List Vendor Advisory lists.apple.com text/html	 APPLE APPLE-SA-2016-09-20-7
APPLE-SA-2016-09-20-2 Safari 10	Mailing List Vendor Advisory lists.apple.com text/html	 APPLE APPLE-SA-2016-09-20-2
Apple Safari Multiple Bugs Let Remote Users Obtain Potentially Sensitive Information, Spoof the Address Bar, Conduct Cross-Site Scripting Attacks, and Execute Arbitrary Code - SecurityTracker	Third Party Advisory VDB Entry www.securitytracker.com text/html	 SECTrack 1036854

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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
Operating System	Apple	Iphone Os	All	All	All	All
Operating System	Apple	Iphone Os	All	All	All	All
Application	Apple	Itunes	All	All	All	All
Application	Apple	Itunes	All	All	All	All
Application	Apple	Safari	All	All	All	All

No vendor comments have been submitted for this CVE

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