



CVE-2015-3796

- MITRE
- NVD
- CVE.ORG
- JSON API
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Summary

CVE	CVE-2015-3796
State	PUBLISHED
Assigner	apple
Source Priority	CVE Program / NVD first with legacy fallback
Published	2015-08-17 00:00:10 UTC
Updated	2026-05-06 22:30:45 UTC
Description	The TRE library in Libc in Apple iOS before 8.4.1 and OS X before 10.10.5 allows context-dependent attackers to execute arbitrary code via a crafted application. CVE-2015-3796 is a buffer overflow in the TRE library in Libc in Apple iOS before 8.4.1 and OS X before 10.10.5. A remote attacker can exploit this vulnerability to execute arbitrary code on the target system. The vulnerability is caused by a buffer overflow in the TRE library in Libc in Apple iOS before 8.4.1 and OS X before 10.10.5. The vulnerability is caused by a buffer overflow in the TRE library in Libc in Apple iOS before 8.4.1 and OS X before 10.10.5. The vulnerability is caused by a buffer overflow in the TRE library in Libc in Apple iOS before 8.4.1 and OS X before 10.10.5.

Risk And Classification

Primary CVSS: v2.0 7.5 from nvd@nist.gov

AV:N/AC:L/Au:N/C:P/I:P/A:P

Problem Types: CWE-119 | n/a

CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Low

Authentication

None

Confidentiality

Partial

Integrity

Partial

Availability

Partial

AV:N/AC:L/Au:N/C:P/I:P/A:P

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Apple	Iphone Os	All	All	All	All

Operating System	Apple	Mac Os X	All	All	All	All
Vendor Declared Affected Products						
Source	Vendor	Product	Version	Platforms		
CNA	Na	N/a	affected n/a	Not specified		
References						
Reference						
APPLE-SA-2015-08-13-2 OS X Yosemite v10.10.5 and Security Update 2015-006						
About the security content of OS X Yosemite v10.10.5 and Security Update 2015-006 - Apple Support						
Apple iOS Multiple Flaws Let Remote Users Execute Arbitrary Code, Obtain Potentially Sensitive Information, and Deny Service and Let Apps						
About the security content of iOS 8.4.1 - Apple Support						
APPLE-SA-2015-08-13-3 iOS 8.4.1						
Apple Mac OSX Regex Engine (TRE) - Stack Buffer Overflow (PoC) - OSX dos Exploit						
Apple Mac OS X and iOS Multiple Security Vulnerabilities						
CVE Program record						
NVD vulnerability detail						
No vendor comments have been submitted for this CVE.						
There are currently no legacy QID mappings associated with this CVE.						