

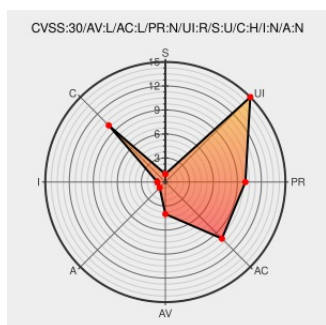


CVE-2017-13782

Published on: 11/12/2017 12:00:00 AM UTC

Last Modified on: 06/12/2023 07:15:00 AM UTC

CVE-2017-13782

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

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

An issue was discovered in certain Apple products. macOS before 10.13.1 is affected. The issue involves the "Kernel" component. It allows attackers to bypass intended memory-read restrictions via a /dev/dtracehelper attack involving the dtrace_dif_variable and dtrace_getarg functions.

CVE-2017-13782 has been assigned by product-security@apple.com to track the vulnerability - currently rated as **MEDIUM** severity.

CVSS3 Score: **5.5 - MEDIUM**

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

CVSS2 Score: **4.3 - MEDIUM**

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

CVE References

Description	Tags	Link
Using QL to find a memory exposure vulnerability in Apple's macOS XNU kernel (CVE-2017-13782) - Blog - LGTM	Technical Description Third Party Advisory web.archive.org	MISC lgtm.com/blog/apple_xnu_dtrace_CVE-2017-13782

[text/html](#)[Inactive Link](#) [Not Archived](#)

Apple XNU Kernel Memory Exposure ≈ Packet Storm

[packetstormsecurity.com](#)[text/html](#) MISC
packetstormsecurity.com/files/172827/Apple-XNU-Kernel-Memory-Exposure.html

About the security content of macOS High Sierra 10.13.1, Security Update 2017-001 Sierra, and Security Update 2017-004 El Capitan - Apple Support

[Vendor Advisory](#)[support.apple.com](#)[text/html](#) CONFIRM support.apple.com/HT208221

Apple macOS Multiple Flaws Let Remote Users Execute Arbitrary Code and Deny Service, Let Local Users Obtain Potentially Sensitive Information, and Applications Gain Elevated Privileges - SecurityTracker

[Third Party Advisory](#)[VDB Entry](#)[www.securitytracker.com](#)[text/html](#) SECTRAK 1039710

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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	Mac Os X	All	All	All	All
cpe:2.3:o:apple:mac_os_x:*****:*****:*						

No vendor comments have been submitted for this CVE

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