



CVE-2019-8815

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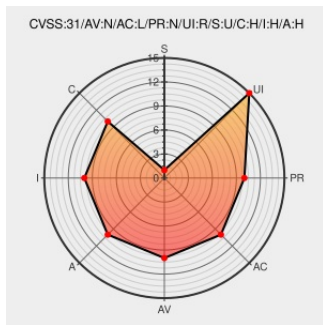
CVE-2019-8815

[Source: Mitre](#)

[Source: NIST](#)

[CVE.ORG](#)

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

Multiple memory corruption issues were addressed with improved memory handling. This issue is fixed in iOS 13.2 and iPadOS 13.2, tvOS 13.2, Safari 13.0.3, iTunes for Windows 12.10.2, iCloud for Windows 11.0, iCloud for Windows 7.15. Processing maliciously crafted web content may lead to arbitrary code execution.

CVE-2019-8815 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: **9.3 - HIGH**

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

CVE References

Description	Tags	Link
About the security content of iCloud for Windows 10.8 - Apple Support	Vendor Advisory support.apple.com text/html	MISC support.apple.com/HT210727

About the security content of iCloud for Windows 7.15 - Apple Support	Vendor Advisory support.apple.com text/html	 MISC support.apple.com/HT210728
About the security content of iOS 13.2 and iPadOS 13.2 - Apple Support	Vendor Advisory support.apple.com text/html	 MISC support.apple.com/HT210721
WebKitGTK+: Multiple vulnerabilities (GLSA 202003-22) — Gentoo security	security.gentoo.org text/html	 GENTOO GLSA-202003-22
About the security content of tvOS 13.2 - Apple Support	Vendor Advisory support.apple.com text/html	 MISC support.apple.com/HT210723
About the security content of Safari 13.0.3 - Apple Support	Vendor Advisory support.apple.com text/html	 MISC support.apple.com/HT210725
About the security content of iTunes 12.10.2 for Windows - Apple Support	Vendor Advisory support.apple.com text/html	 MISC support.apple.com/HT210726

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Related QID Numbers

- [296075](#) Oracle Solaris 11.4 Support Repository Update (SRU) 21.69.0 Missing (CPUAPR2020)
- [377553](#) Alibaba Cloud Linux Security Update for webkitgtk4 (ALINUX2-SA-2020:0147)
- [501286](#) Alpine Linux Security Update for webkit2gtk
- [501936](#) Alpine Linux Security Update for webkit2gtk
- [751623](#) SUSE Enterprise Linux Security Update for webkit2gtk3 (SUSE-SU-2022:0142-1)
- [751646](#) SUSE Enterprise Linux Security Update for webkit2gtk3 (SUSE-SU-2022:0183-1)
- [751648](#) SUSE Enterprise Linux Security Update for webkit2gtk3 (SUSE-SU-2022:0182-1)
- [751659](#) OpenSUSE Security Update for webkit2gtk3 (openSUSE-SU-2022:0182-1)
- [751755](#) OpenSUSE Security Update for webkit2gtk3 (openSUSE-SU-2022:0182-2)
- [770068](#) Red Hat OpenShift Container Platform 4.6 Security Update (RHSA-2021:0436)
- [940362](#) AlmaLinux Security Update for GNOME (ALSA-2020:4451)
- [960761](#) Rocky Linux Security Update for GNOME (RLSA-2020:4451)

Exploit/POC from Github

[PoC for exploiting CVE-2019-8815](#)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
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Application	Apple	Icloud	All	All	All	All
Application	Apple	Icloud	All	All	All	All
Application	Apple	Icloud	All	All	All	All
Operating System	Apple	Ipados	All	All	All	All
Operating System	Apple	Ipados	All	All	All	All
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
Application	Apple	Safari	All	All	All	All
Operating System	Apple	Tvos	All	All	All	All
Operating System	Apple	Tvos	All	All	All	All
Operating System	Redhat	Enterprise Linux Desktop	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Server	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Workstation	7.0	All	All	All
cpe:2.3:a:apple:icloud:*:*:*:*:windows:*:*:						
cpe:2.3:a:apple:icloud:*:*:*:*:windows:*:*:						
cpe:2.3:a:apple:icloud:*:*:*:*:windows:*:*:						
cpe:2.3:o:apple:ipados:*:*:*:*:*:*:						
cpe:2.3:o:apple:ipados:*:*:*:*:*:*:						
cpe:2.3:o:apple:iphone_os:*:*:*:*:*:*:						
cpe:2.3:o:apple:iphone_os:*:*:*:*:*:*:						
cpe:2.3:a:apple:itunes:*:*:*:*:windows:*:*:						
cpe:2.3:a:apple:itunes:*:*:*:*:windows:*:*:						
cpe:2.3:a:apple:safari:*:*:*:*:*:*:						
cpe:2.3:a:apple:safari:*:*:*:*:*:*:						

cpe:2.3:o:apple:tvos:*****:*
cpe:2.3:o:apple:tvos:*****:*
cpe:2.3:o:redhat:enterprise_linux_desktop:7.0:*****:*
cpe:2.3:o:redhat:enterprise_linux_server:7.0:*****:*
cpe:2.3:o:redhat:enterprise_linux_workstation:7.0:*****:*

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
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