



# CVE-2018-5178

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF](#)

## Summary

<b>CVE</b>	CVE-2018-5178
<b>State</b>	PUBLIC
<b>Assigner</b>	security@mozilla.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2018-06-11 21:29:00 UTC
<b>Updated</b>	2019-03-11 15:20:00 UTC
<b>Description</b>	A buffer overflow was found during UTF8 to Unicode string conversion within JavaScript with extremely large amounts of data.

## Risk And Classification

### Problem Types: CWE-119

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	14.04	All	All	All
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	16.04	All	All	All
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	17.10	All	All	All
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	18.04	All	All	All
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	14.04	All	All	All
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	16.04	All	All	All
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	17.10	All	All	All
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	18.04	All	All	All
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	7.0	All	All	All
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	8.0	All	All	All
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	9.0	All	All	All
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	7.0	All	All	All
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	8.0	All	All	All
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	9.0	All	All	All
Application	<a href="#">Mozilla</a>	<a href="#">Firefox Esr</a>	All	All	All	All
Application	<a href="#">Mozilla</a>	<a href="#">Firefox Esr</a>	All	All	All	All
Application	<a href="#">Mozilla</a>	<a href="#">Thunderbird</a>	All	All	All	All

Application	Mozilla	Thunderbird	All	All	All	All
Application	Mozilla	Thunderbird ESR	All	All	All	All
Application	Mozilla	Thunderbird ESR	All	All	All	All
Operating System	Redhat	Enterprise Linux Desktop	6.0	All	All	All
Operating System	Redhat	Enterprise Linux Desktop	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Desktop	6.0	All	All	All
Operating System	Redhat	Enterprise Linux Desktop	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Server	6.0	All	All	All
Operating System	Redhat	Enterprise Linux Server	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Server	6.0	All	All	All
Operating System	Redhat	Enterprise Linux Server	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Server Aus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Server Aus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Server Eus	7.5	All	All	All
Operating System	Redhat	Enterprise Linux Server Eus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Server Eus	7.5	All	All	All
Operating System	Redhat	Enterprise Linux Server Eus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Server Tus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Server Tus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Workstation	6.0	All	All	All
Operating System	Redhat	Enterprise Linux Workstation	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Workstation	6.0	All	All	All
Operating System	Redhat	Enterprise Linux Workstation	7.0	All	All	All

## References

Reference	S
Debian -- Security Information -- DSA-4199-1 firefox-esr	D
Red Hat Customer Portal	R
[SECURITY] [DLA 1382-1] thunderbird security update	M
[SECURITY] [DLA 1376-1] firefox-esr security update	M
Security vulnerabilities fixed in Firefox ESR 52.8 — Mozilla	C
Mozilla Firefox ESR Remote Memory Corruption and Buffer Overflow Vulnerabilities	B
Red Hat Customer Portal	R
Debian -- Security Information -- DSA-4209-1 thunderbird	D
Mozilla Firefox ESR Bugs Let Remote Users Execute Arbitrary Code - SecurityTracker	S

USN-3660-1: Thunderbird vulnerabilities   Ubuntu security notices	U
Security vulnerabilities fixed in Thunderbird 52.8 — Mozilla	C
Red Hat Customer Portal	R
Red Hat Customer Portal	R
Mozilla Thunderbird: Multiple vulnerabilities (GLSA 201811-13) — Gentoo security	G
Mozilla Firefox: Multiple vulnerabilities (GLSA 201810-01) — Gentoo security	G
1443891 - (CVE-2018-5178) Integer overflow in nsScriptableUnicodeConverter::ConvertFromByteArray can cause a heap buffer overflow	C
CVE Program record	C
NVD vulnerability detail	N

No vendor comments have been submitted for this CVE.

### Legacy QID Mappings

[690642](#) Free Berkeley Software Distribution (FreeBSD) Security Update for mozilla (5aefc41e-d304-4ec8-8c82-824f84f08244)

[710279](#) Gentoo Linux Mozilla Firefox Multiple Vulnerabilities (GLSA 201810-01)

[710285](#) Gentoo Linux Mozilla Thunderbird Multiple Vulnerabilities (GLSA 201811-13)

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