



# CVE-2019-9813

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

## Summary

<b>CVE</b>	CVE-2019-9813
<b>State</b>	PUBLIC
<b>Assigner</b>	security@mozilla.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2019-04-26 17:29:00 UTC
<b>Updated</b>	2020-08-24 17:37:00 UTC
<b>Description</b>	Incorrect handling of __proto__ mutations may lead to type confusion in IonMonkey JIT code and can be leveraged for arbitrary code execution.

## Risk And Classification

### Problem Types: CWE-843

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	<a href="#">Mozilla</a>	<a href="#">Firefox</a>	All	All	All	All
Application	<a href="#">Mozilla</a>	<a href="#">Firefox</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="#">Firefox Esr</a>	All	All	All	All
Application	<a href="#">Mozilla</a>	<a href="#">Thunderbird</a>	All	All	All	All
Application	<a href="#">Mozilla</a>	<a href="#">Thunderbird</a>	All	All	All	All

## References

Reference	Source	Link	Tags
Security vulnerabilities fixed in Thunderbird 60.6.1 — Mozilla	MISC	<a href="http://www.mozilla.org">www.mozilla.org</a>	Vendor Advisory
Red Hat Customer Portal	REDHAT	<a href="http://access.redhat.com">access.redhat.com</a>	
Security vulnerabilities fixed in Firefox 66.0.1 — Mozilla	MISC	<a href="http://www.mozilla.org">www.mozilla.org</a>	Vendor Advisory
Security vulnerabilities fixed in Firefox 60.6.1 — Mozilla	MISC	<a href="http://www.mozilla.org">www.mozilla.org</a>	Vendor Advisory
Red Hat Customer Portal	REDHAT	<a href="http://access.redhat.com">access.redhat.com</a>	
Access Denied	MISC	<a href="http://bugzilla.mozilla.org">bugzilla.mozilla.org</a>	Issue Tracking, Permissions Required, Ven
CVE Program record	CVE.ORG	<a href="http://www.cve.org">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="http://nvd.nist.gov">nvd.nist.gov</a>	canonical, analysis

No vendor comments have been submitted for this CVE.

### Legacy QID Mappings

[500915](#) Alpine Linux Security Update for firefox-esr

[504780](#) Alpine Linux Security Update for firefox-esr

[671519](#) EulerOS Security Update for mozjs60 (EulerOS-SA-2022-1431)

[671545](#) EulerOS Security Update for mozjs60 (EulerOS-SA-2022-1452)

[710177](#) Gentoo Linux Mozilla Thunderbird and Firefox Multiple vulnerabilities (GLSA 201904-07)

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