CVE-2019-11753

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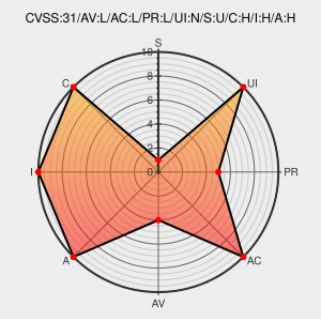

Certain versions of Windows from Microsoft contain the following vulnerability:

The Firefox installer allows Firefox to be installed to a custom user writable location, leaving it unprotected from manipulation by unprivileged users or malware. If the Mozilla Maintenance Service is manipulated to update this unprotected location and the updated maintenance service in the unprotected location has been altered, the altered maintenance service can run with elevated privileges during the update process due to a lack of integrity checks. This allows for privilege escalation if the executable has been replaced locally.
Note: This attack requires local system access and only affects Windows. Other operating systems are not affected.. This vulnerability affects Firefox < 69, Firefox ESR < 60.9, and Firefox ESR < 68.1.

CVE-2019-11753 has been assigned by security@mozilla.org to track the vulnerability - currently rated as HIGH severity.

Affected Vendor/Software: **Mozilla** - **Firefox** version **< 69**

Affected Vendor/Software: **Mozilla** - **Firefox ESR** version **< 60.9**

Affected Vendor/Software: **Mozilla** - **Firefox ESR** version **< 68.1**

CVSS3 Score: 7.8 - HIGH

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

CVSS2 Score: 4.6 - MEDIUM

Access Vector	Access Complexity	Authentication

LOCAL	LOW	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
PARTIAL	PARTIAL	PARTIAL

CVE References

Description	Tags	Link
Security vulnerabilities fixed in Firefox 69 — Mozilla	Vendor Advisory, www.mozilla.org, text/html	CONFIRM www.mozilla.org/security/advisories/mfsa2019-25/
Security vulnerabilities fixed in Firefox ESR 68.1 — Mozilla	Vendor Advisory, www.mozilla.org, text/html	CONFIRM www.mozilla.org/security/advisories/mfsa2019-26/
[security-announce] openSUSE-SU-2019:2251-1: important: Security update	lists.opensuse.org, text/html	SUSE openSUSE-SU-2019:2251
Security vulnerabilities fixed in Firefox ESR 60.9 — Mozilla	Vendor Advisory, www.mozilla.org, text/html	CONFIRM www.mozilla.org/security/advisories/mfsa2019-27/
Access Denied	Issue Tracking, Permissions Required, Vendor Advisory, bugzilla.mozilla.org, text/html	MISC bugzilla.mozilla.org/show_bug.cgi?id=1574980
[security-announce] openSUSE-SU-2019:2260-1: important: Security update	lists.opensuse.org, text/html	SUSE openSUSE-SU-2019:2260

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Microsoft	Windows	-	All	All	All
Operating System	Microsoft	Windows	-	All	All	All
Application	Mozilla	Firefox	All	All	All	All
Application	Mozilla	Firefox	All	All	All	All
Application	Mozilla	Firefox Esr	All	All	All	All
Application	Mozilla	Firefox Esr	All	All	All	All

cpe:2.3:o:microsoft:windows:-:*:*:*:*:*:*:*:

cpe:2.3:o:microsoft:windows:-:*:*:*:*:*:*:*:

cpe:2.3:a:mozilla:firefox:*:*:*:*:*:*:*:*:

cpe:2.3:a:mozilla:firefox:*:*:*:*:*:*:*:*:

cpe:2.3:a:mozilla:firefox_esr:*:*:*:*:*:*:*:*:

cpe:2.3:a:mozilla:firefox_esr:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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