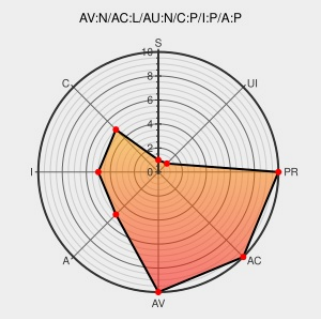
CVE-2015-7183

Published on: 11/04/2015 12:00:00 AM UTC

Last Modified on: 03/23/2021 11:26:11 PM UTC

CVE-2015-7183

Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Firefox from Mozilla contain the following vulnerability:

Integer overflow in the PL_ARENA_ALLOCATE implementation in Netscape Portable Runtime (NSPR) in Mozilla Network Security Services (NSS) before 3.19.2.1 and 3.20.x before 3.20.1, as used in Firefox before 42.0 and Firefox ESR 38.x before 38.4 and other products, allows remote attackers to execute arbitrary code or cause a denial of service (memory corruption and application crash) via unspecified vectors.

CVE-2015-7183 has been assigned by security@mozilla.org to track the vulnerability

CVSS2 Score: 7.5 - HIGH

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
PARTIAL	PARTIAL	PARTIAL

CVE References

Description	Tags	Link
Oracle Solaris Bulletin - April 2016	www.oracle.com text/html	CONFIRM www.oracle.com/technetwork/topics/security/bulletinapr2016-2952098.html
Oracle Critical Patch Update Advisory - April 2016	www.oracle.com text/html	CONFIRM www.oracle.com/technetwork/security-advisory/cpuapr2016v3-2985753.html
Debian -- Security Information -- DSA-3406-1 nspr	www.debian.org Depreciated Link text/html	DEBIAN DSA-3406
USN-2790-1: NSPR vulnerability | Ubuntu	www.ubuntu.com text/html	UBUNTU USN-2790-1

Oracle Critical Patch Update - July 2016	www.oracle.com text/html	CONFIRM www.oracle.com/technetwork/security-advisory/cpujul2016-2881720.html
[security-announce] SUSE-SU-2015:1978-1: important: Security update for	lists.opensuse.org text/html	SUSE SUSE-SU-2015:1978
Oracle July 2016 Critical Patch Update Multiple Vulnerabilities	cve.report (archive) text/html	BID 91787
openSUSE-SU-2015:2245-1: moderate: Security update for Mozilla Thunderbi	lists.opensuse.org text/html	SUSE openSUSE-SU-2015:2245
openSUSE-SU-2015:2229-1: moderate: Security update for MozillaThunderbir	lists.opensuse.org text/html	SUSE openSUSE-SU-2015:2229
Mozilla Products: Multiple vulnerabilities (GLSA 201605-06) — Gentoo security	security.gentoo.org text/html	GENTOO GLSA-201605-06
NSS 3.20.1 release notes - Mozilla | MDN	Vendor Advisory developer.mozilla.org text/html	CONFIRM developer.mozilla.org/en-US/docs/Mozilla/Projects/NSS/NSS_3.20.1_release_notes
[security-announce] SUSE-SU-2015:1981-1: important: Security update for	lists.opensuse.org text/html	SUSE SUSE-SU-2015:1981
[security-announce] SUSE-SU-2015:1926-1: important: Security update for	lists.opensuse.org text/html	SUSE SUSE-SU-2015:1926
NSS and NSPR memory corruption issues — Mozilla	Vendor Advisory www.mozilla.org text/html	CONFIRM www.mozilla.org/security/announce/2015/mfsa2015-133.html
Red Hat Customer Portal	web.archive.org text/html Inactive Link Not Archived	REDHAT RHSA-2015:1981
The Slackware Linux Project: Slackware Security Advisories	www.slackware.com text/html	SLACKWARE SSA:2015-310-02
Oracle VM Server for x86 Bulletin - July 2016	web.archive.org text/html Inactive Link Not Archived	CONFIRM www.oracle.com/technetwork/topics/security/ovmbulletinjul2016-3090546.html
Debian -- Security Information -- DSA-3393-1 iceweasel	www.debian.org Depreciated Link text/html	DEBIAN DSA-3393
USN-2819-1: Thunderbird vulnerabilities | Ubuntu	www.ubuntu.com text/html	UBUNTU USN-2819-1
Oracle Linux Bulletin - October 2015	www.oracle.com text/html	CONFIRM www.oracle.com/technetwork/topics/security/linuxbulletinoct2015-2719645.html
1205157 - (CVE-2015-7183) NSPR overflow in PL_ARENA_ALLOCATE can lead to crash (under ASAN), potential memory corruption	bugzilla.mozilla.org text/html	CONFIRM bugzilla.mozilla.org/show_bug.cgi?id=1205157
Mozilla Firefox Multiple Flaws Let Remote Users Execute Arbitrary Code, Obtain Potentially Sensitive Information, Bypass Security Restrictions, and Conduct Cross-Site Scripting Attacks - SecurityTracker	www.securitytracker.com text/html	SECTRACK 1034069
Red Hat Customer Portal	web.archive.org text/html Inactive Link Not Archived	REDHAT RHSA-2015:1980

Mozilla Products: Multiple vulnerabilities (GLSA 201512-10) — Gentoo Security	security.gentoo.org text/html	GENTOO GLSA-201512-10
Mozilla Netscape Portable Runtime CVE-2015-7183 Integer Overflow Vulnerability	cve.report (archive) text/html	BID 77415
Slackware Security Advisory - mozilla-nss Updates ≈ Packet Storm	packetstormsecurity.com text/html	MISC packetstormsecurity.com/files/134268/Slackware-Security-Advisory-mozilla-nss-Updates.html
NSS 3.19.4 release notes - Mozilla | MDN	Vendor Advisory developer.mozilla.org text/html	CONFIRM developer.mozilla.org/en-US/docs/Mozilla/Projects/NSS/NSS_3.19.4_release_notes
Broadcom Support Portal	bto.bluecoat.com text/html	CONFIRM bto.bluecoat.com/security-advisory/sa119
[security-announce] openSUSE-SU-2015:1942-1: important: Security update	lists.opensuse.org text/html	SUSE openSUSE-SU-2015:1942
[security-announce] SUSE-SU-2015:2081-1: important: Security update for	lists.opensuse.org text/html	SUSE SUSE-SU-2015:2081
Oracle Critical Patch Update - October 2017	www.oracle.com text/html	CONFIRM www.oracle.com/technetwork/security-advisory/cpuoct2017-3236626.html
NSS 3.19.2.1 release notes - Mozilla | MDN	Vendor Advisory developer.mozilla.org text/html	CONFIRM developer.mozilla.org/en-US/docs/Mozilla/Projects/NSS/NSS_3.19.2.1_release_notes
Oracle Critical Patch Update - January 2016	www.oracle.com text/html	CONFIRM www.oracle.com/technetwork/topics/security/cpujan2016-2367955.html
USN-2785-1: Firefox vulnerabilities | Ubuntu	www.ubuntu.com text/html	UBUNTU USN-2785-1

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Mozilla	Firefox	All	All	All	All
Application	Mozilla	Firefox Esr	38.0	All	All	All
Application	Mozilla	Firefox Esr	38.0.1	All	All	All
Application	Mozilla	Firefox Esr	38.0.5	All	All	All
Application	Mozilla	Firefox Esr	38.1.0	All	All	All
Application	Mozilla	Firefox Esr	38.1.1	All	All	All
Application	Mozilla	Firefox Esr	38.2.0	All	All	All
Application	Mozilla	Firefox Esr	38.2.1	All	All	All
Application	Mozilla	Firefox Esr	38.3.0	All	All	All

Application	Mozilla	Firefox Esr	38.0	All	All	All
Application	Mozilla	Firefox Esr	38.0.1	All	All	All
Application	Mozilla	Firefox Esr	38.0.5	All	All	All
Application	Mozilla	Firefox Esr	38.1.0	All	All	All
Application	Mozilla	Firefox Esr	38.1.1	All	All	All
Application	Mozilla	Firefox Esr	38.2.0	All	All	All
Application	Mozilla	Firefox Esr	38.2.1	All	All	All
Application	Mozilla	Firefox Esr	38.3.0	All	All	All
Application	Mozilla	Network Security Services	3.20.0	All	All	All
Application	Mozilla	Network Security Services	3.20.0	All	All	All
Application	Mozilla	Network Security Services	All	All	All	All

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

cpe:2.3:a:mozilla:firefox_esr:38.0:*:*:*:*:*:*:*:

cpe:2.3:a:mozilla:firefox_esr:38.0.1:*:*:*:*:*:*:*:

cpe:2.3:a:mozilla:firefox_esr:38.0.5:*:*:*:*:*:*:*:

cpe:2.3:a:mozilla:firefox_esr:38.1.0:*:*:*:*:*:*:*:

cpe:2.3:a:mozilla:firefox_esr:38.1.1:*:*:*:*:*:*:*:

cpe:2.3:a:mozilla:firefox_esr:38.2.0:*:*:*:*:*:*:*:

cpe:2.3:a:mozilla:firefox_esr:38.2.1:*:*:*:*:*:*:*:

cpe:2.3:a:mozilla:firefox_esr:38.3.0:*:*:*:*:*:*:*:

cpe:2.3:a:mozilla:firefox_esr:38.0:*:*:*:*:*:*:*:

cpe:2.3:a:mozilla:firefox_esr:38.0.1:*:*:*:*:*:*:*:

cpe:2.3:a:mozilla:firefox_esr:38.0.5:*:*:*:*:*:*:*:

cpe:2.3:a:mozilla:firefox_esr:38.1.0:*:*:*:*:*:*:*:

cpe:2.3:a:mozilla:firefox_esr:38.1.1:*:*:*:*:*:*:*:

cpe:2.3:a:mozilla:firefox_esr:38.2.0:*:*:*:*:*:*:*:

cpe:2.3:a:mozilla:firefox_esr:38.2.1:*:*:*:*:*:*:*:

cpe:2.3:a:mozilla:firefox_esr:38.3.0:*:*:*:*:*:*:*:

cpe:2.3:a:mozilla:network_security_services:3.20.0:*:*:*:*:*:*:*:

cpe:2.3:a:mozilla:network_security_services:3.20.0:*:*:*:*:*:*:*:

cpe:2.3:a:mozilla:network_security_services:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

← Previous ID

Next ID→