



CVE-2019-7317

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

Summary

CVE	CVE-2019-7317
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2019-02-04 08:29:00 UTC
Updated	2022-05-23 15:02:00 UTC
Description	png_image_free in png.c in libpng 1.6.x before 1.6.37 has a use-after-free because png_image_free_function is called unde

Risk And Classification

Problem Types: CWE-416

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Canonical	Ubuntu Linux	16.04	All	All	All
Operating System	Canonical	Ubuntu Linux	16.04	All	All	All
Operating System	Canonical	Ubuntu Linux	18.04	All	All	All
Operating System	Canonical	Ubuntu Linux	18.10	All	All	All
Operating System	Canonical	Ubuntu Linux	19.04	All	All	All
Operating System	Canonical	Ubuntu Linux	18.04	All	All	All
Operating System	Canonical	Ubuntu Linux	18.10	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Application	Hp	Xp7 Command View	All	All	All	All
Application	Hpe	Xp7 Command View Advanced Edition Suite	All	All	All	All
Application	Libpng	Libpng	All	All	All	All
Application	Libpng	Libpng	1.6.36	All	All	All
Application	Libpng	Libpng	1.6.36	All	All	All
Application	Mozilla	Firefox Esr	-	All	All	All
Application	Mozilla	Thunderbird	-	All	All	All

Application	Netapp	Active Iq Unified Manager	All	All	All	All
Application	Netapp	Active Iq Unified Manager	All	All	All	All
Application	Netapp	Active Iq Unified Manager	9.6	All	All	All
Application	Netapp	Active Iq Unified Manager	9.6	All	All	All
Application	Netapp	Cloud Backup	-	All	All	All
Application	Netapp	E-series Santricity Management	-	All	All	All
Application	Netapp	E-series Santricity Storage Manager	All	All	All	All
Application	Netapp	E-series Santricity Unified Manager	All	All	All	All
Application	Netapp	E-series Santricity Web Services	All	All	All	All
Application	Netapp	Oncommand Insight	All	All	All	All
Application	Netapp	Oncommand Workflow Automation	All	All	All	All
Application	Netapp	Plug-in For Symantec Netbackup	-	All	All	All
Application	Netapp	Snapmanager	All	All	All	All
Application	Netapp	Snapmanager	All	All	All	All
Application	Netapp	Snapmanager	3.4.2	p1	All	All
Application	Netapp	Snapmanager	3.4.2	p1	All	All
Application	Netapp	Steelstore	-	All	All	All
Operating System	Opensuse	Leap	15.0	All	All	All
Operating System	Opensuse	Leap	15.1	All	All	All
Operating System	Opensuse	Leap	42.3	All	All	All
Application	Opensuse	Package Hub	-	All	All	All
Application	Oracle	Hyperion Infrastructure Technology	11.2.6.0	All	All	All
Application	Oracle	Java Se	11.0.3	All	All	All
Application	Oracle	Java Se	12.0.1	All	All	All
Application	Oracle	Java Se	7u221	All	All	All
Application	Oracle	Java Se	8u212	All	All	All
Application	Oracle	Jdk	11.0.3	All	All	All
Application	Oracle	Jdk	12.0.1	All	All	All
Application	Oracle	Mysql	All	All	All	All
Operating System	Redhat	Enterprise Linux	6.0	All	All	All
Operating System	Redhat	Enterprise Linux	7.0	All	All	All
Operating System	Redhat	Enterprise Linux	8.0	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 For Ibm Z Systems	6.0	All	All	All

Operating System	Redhat	Enterprise Linux For Ibm Z Systems	7.0	All	All	All
Operating System	Redhat	Enterprise Linux For Ibm Z Systems	8.0	All	All	All
Operating System	Redhat	Enterprise Linux For Power Big Endian	6.0	All	All	All
Operating System	Redhat	Enterprise Linux For Power Big Endian	7.0	All	All	All
Operating System	Redhat	Enterprise Linux For Power Little Endian	7.0	All	All	All
Operating System	Redhat	Enterprise Linux For Power Little Endian	8.0	All	All	All
Operating System	Redhat	Enterprise Linux For Scientific Computing	6.0	All	All	All
Operating System	Redhat	Enterprise Linux For Scientific Computing	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
Application	Redhat	Satellite	5.8	All	All	All
Operating System	Suse	Linux Enterprise	12.0	All	All	All

References

Reference	Source	Link
[security-announce] openSUSE-SU-2019:1664-1: important: Security update	SUSE	lists.opensuse.org
Debian -- Security Information -- DSA-4435-1 libpng1.6	DEBIAN	www.debian.org
Bugtraq: [slackware-security] mozilla-firefox (SSA:2019-141-01)	BUGTRAQ	seclists.org
USN-4080-1: OpenJDK 8 vulnerabilities Ubuntu security notices Ubuntu	UBUNTU	usn.ubuntu.com
[security-announce] openSUSE-SU-2019:1912-1: important: Security update	SUSE	lists.opensuse.org
Document Display HPE Support Center	CONFIRM	support.hpe.com
USN-3962-1: libpng vulnerability Ubuntu security notices Ubuntu	UBUNTU	usn.ubuntu.com
Bugtraq: [SECURITY] [DSA 4451-1] thunderbird security update	BUGTRAQ	seclists.org
Use after free · Issue #275 · glennrp/libpng · GitHub	MISC	github.com
Red Hat Customer Portal	REDHAT	access.redhat.com
libpng: Multiple vulnerabilities (GLSA 201908-02) — Gentoo security	GENTOO	security.gentoo.org
USN-3997-1: Thunderbird vulnerabilities Ubuntu security notices Ubuntu	UBUNTU	usn.ubuntu.com
Red Hat Customer Portal	REDHAT	access.redhat.com
[security-announce] openSUSE-SU-2019:1534-1: important: Security update	SUSE	lists.opensuse.org
Debian -- Security Information -- DSA-4451-1 thunderbird	DEBIAN	www.debian.org
libpng CVE-2019-7317 Use After Free Denial of Service Vulnerability	BID	www.securityfocus.co
Red Hat Customer Portal	REDHAT	access.redhat.com
July 2019 Java Platform Standard Edition Vulnerabilities in NetApp Products NetApp Product Security	CONFIRM	security.netapp.com
Oracle Critical Patch Update Advisory - October 2021	MISC	www.oracle.com
Red Hat Customer Portal	REDHAT	access.redhat.com
Debian -- Security Information -- DSA-4448-1 firefox-esr	DEBIAN	www.debian.org

USN-3991-1: Firefox vulnerabilities Ubuntu security notices	UBUNTU	usn.ubuntu.com
Red Hat Customer Portal	REDHAT	access.redhat.com
Bugtraq: [slackware-security] libpng (SSA:2019-107-01)	BUGTRAQ	seclists.org
Red Hat Customer Portal	REDHAT	access.redhat.com
[security-announce] openSUSE-SU-2019:1484-1: important: Security update	SUSE	lists.opensuse.org
Oracle Critical Patch Update - July 2019	MISC	www.oracle.com
[security-announce] openSUSE-SU-2019:1916-1: important: Security update	SUSE	lists.opensuse.org
12803 - oss-fuzz - OSS-Fuzz: Fuzzing the planet - Monorail	MISC	bugs.chromium.org
Red Hat Customer Portal	REDHAT	access.redhat.com
Red Hat Customer Portal	REDHAT	access.redhat.com
[SECURITY] [DLA 1800-1] firefox-esr security update	MLIST	lists.debian.org
Bugtraq: [SECURITY] [DSA 4448-1] firefox-esr security update	BUGTRAQ	seclists.org
Slackware Security Advisory - libpng Updates ~ Packet Storm	MISC	packetstormsecurity.c
Red Hat Customer Portal	REDHAT	access.redhat.com
Bugtraq: [SECURITY] [DSA 4435-1] libpng1.6 security update	BUGTRAQ	seclists.org
Red Hat Customer Portal	REDHAT	access.redhat.com
Red Hat Customer Portal	REDHAT	access.redhat.com
Red Hat Customer Portal	REDHAT	access.redhat.com
Oracle Critical Patch Update Advisory - April 2021	MISC	www.oracle.com
[SECURITY] [DLA 1806-1] thunderbird security update	MLIST	lists.debian.org
USN-4083-1: OpenJDK 11 vulnerabilities Ubuntu security notices Ubuntu	UBUNTU	usn.ubuntu.com
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[371854](#) Free Berkeley Software Distribution (FreeBSD) Security Update for mozilla Multiple Vulnerabilities (44b6dfbf-4ef7-4d52-ad52-2b1b05d81272)

[375520](#) Mysql Workbench Critical Patch Update April 2021

[375809](#) Azul Java Multiple Vulnerabilities Security Update July 2019

[375978](#) Amazon Corretto Critical Patch Update (JUL2019)

[500309](#) Alpine Linux Security Update for libpng

[500916](#) Alpine Linux Security Update for firefox-esr

501219 Alpine Linux Security Update for openjdk8
502139 Alpine Linux Security Update for openjdk11
504076 Alpine Linux Security Update for libpng
504781 Alpine Linux Security Update for firefox-esr
710157 Gentoo Linux libpng Multiple vulnerabilities (GLSA 201908-02)

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