CVE-2022-3602

MITRE | NVD | CVE.ORG | Print: PDF

Summary

CVE	CVE-2022-3602
State	PUBLIC
Assigner	openssl-security@openssl.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2022-11-01 18:15:00 UTC
Updated	2023-08-08 14:21:00 UTC
Description	A buffer overrun can be triggered in X.509 certificate verification, specifically in name constraint checking. Note that this occ

Risk And Classification

Problem Types: CWE-787

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Fedoraproject	Fedora	26	All	All	All
Operating System	Fedoraproject	Fedora	27	All	All	All
Operating System	Fedoraproject	Fedora	36	All	All	All
Operating System	Fedoraproject	Fedora	37	All	All	All
Application	Netapp	Clustered Data Ontap	-	All	All	All
Application	Nodejs	Node.js	All	All	All	All
Application	Nodejs	Node.js	18.12.0	All	All	All
Application	Nodejs	Node.js	19.0.0	All	All	All
Application	Openssl	Openssl	All	All	All	All

References

Reference
www.openssl.org/news/secadv/20221101.txt
oss-security - Re: Re: OpenSSL X.509 Email Address 4-byte Buffer Overflow (CVE-2022-3602), X.509 Email Address Variable Length Buffer
oss-security - Re: Re: OpenSSL X.509 Email Address 4-byte Buffer Overflow (CVE-2022-3602), X.509 Email Address Variable Length Buffer
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[SECURITY] Fedora 36 Update: openssl-3.0.5-2.fc36 - package-announce - Fedora Mailing-Lists

git.openssl.org Git - openssl.git/commitdiff

Security Advisory

20221028 Vulnerabilities in OpenSSL Affecting Cisco Products: November 2022

OpenSSL: Multiple Vulnerabilities (GLSA 202211-01) — Gentoo security

VU#794340 - OpenSSL 3.0.0 to 3.0.6 decodes some punycode email addresses in X.509 certificates improperly

oss-security - Re: Fwd: Node.js security updates for all active release lines, November 2022

oss-security - Re: Re: OpenSSL X.509 Email Address 4-byte Buffer Overflow (CVE-2022-3602), X.509 Email Address Variable Length Buffer

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OpenSSL Security Advisory 20221101 ≈ Packet Storm

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November 2022 OpenSSL Vulnerabilities in NetApp Products | NetApp Product Security

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CVE Program record

NVD vulnerability detail

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

160191 Oracle Enterprise Linux Security Update for Open Secure Sockets Layer (OpenSSL) (ELSA-2022-7288)

160192 Oracle Enterprise Linux Security Update for Open Secure Sockets Layer (OpenSSL) (ELSA-2022-9968)

160258 Oracle Enterprise Linux Security Update for Open Secure Sockets Layer (OpenSSL) (ELSA-2022-10004)

183501 Debian Security Update for Open Secure Sockets Layer (OpenSSL) (CVE-2022-3602)

199012 Ubuntu Security Notification for Open Secure Sockets Layer (OpenSSL) Vulnerabilities (USN-5710-1)

199113 Ubuntu Security Notification for Open Secure Sockets Layer (OpenSSL) Vulnerabilities (USN-5710-1)

199114 Ubuntu Security Notification for Open Secure Sockets Layer (OpenSSL) Vulnerabilities (USN-5710-1)

199115 Ubuntu Security Notification for Open Secure Sockets Layer (OpenSSL) Vulnerabilities (USN-5710-1)

199116 Ubuntu Security Notification for Open Secure Sockets Layer (OpenSSL) Vulnerabilities (USN-5710-1)

199117 Ubuntu Security Notification for Open Secure Sockets Layer (OpenSSL) Vulnerabilities (USN-5710-1)

240798 Red Hat Update for Open Secure Sockets Layer (OpenSSL) (RHSA-2022:7288)

283270 Fedora Security Update for Open Secure Sockets Layer (OpenSSL) (FEDORA-2022-502f096dce)

283442 Fedora Security Update for Open Secure Sockets Layer (OpenSSL) (FEDORA-2022-0f1d2e0537)

296086 Oracle Solaris 11.4 Support Repository Update (SRU) 51.132.1 Missing (CPUOCT2022)

296098 Oracle Solaris 11.4 Support Repository Update (SRU) 52.132.2 Missing (CPUOCT2022)

330128 IBM AIX Multiple Vulnerabilities in Open Secure Sockets Layer (OpenSSL) (openssl_advisory37)

354102 Amazon Linux Security Advisory for Open Secure Sockets Layer (OpenSSL) : ALAS2022-2022-157

354404 Amazon Linux Security Advisory for Open Secure Sockets Layer (OpenSSL) : ALAS2022-2022-157

355250 Amazon Linux Security Advisory for Open Secure Sockets Layer (OpenSSL) : ALAS2023-2023-051

355273 Amazon Linux Security Advisory for nodejs : ALAS2023-2023-084

377733 Open Secure Sockets Layer (OpenSSL) Less Than 3.0.7 Buffer Overflow Vulnerability (Scan Utility)

377881 Node.js Multiple Vulnerabilities (November 2022)

377881 Node.js Multiple Vulnerabilities (November 2022)

377934 Node.js Multiple Vulnerabilities (November 2022)

38879 Open Secure Sockets Layer (OpenSSL) Less Than 3.0.7 Buffer Overflow Vulnerability

43945 FortiOS - Unauthorized Command Execution Vulnerability (FG-IR-22-419)

502587 Alpine Linux Security Update for Open Secure Sockets Layer3 (OpenSSL3)

502747 Alpine Linux Security Update for nodejs

502755 Alpine Linux Security Update for openssl

503688 Alpine Linux Security Update for openssl3

520001 Open Secure Sockets Layer (OpenSSL) Multiple Vulnerabilities (CVE-2022-3602, CVE-2022-3786)

591335 Hitachi Energy PCU400 Reliance on Uncontrolled Component Multiple Vulnerabilities (ICSA-23-019-01, 8DBD 000137)

690972 Free Berkeley Software Distribution (FreeBSD) Security Update for Open Secure Sockets Layer (OpenSSL) (0844671c-5a09-11ed-856e-d4c9ef517024)

710678 Gentoo Linux Open Secure Sockets Layer (OpenSSL) Multiple Vulnerabilities (GLSA 202211-01)

752752 SUSE Enterprise Linux Security Update for Open Secure Sockets Layer (OpenSSL-3) (SUSE-SU-2022:3843-1)

940723 AlmaLinux Security Update for Open Secure Sockets Layer (OpenSSL) (ALSA-2022:7288)

960515 Rocky Linux Security Update for Open Secure Sockets Layer (OpenSSL) (RLSA-2022:7288)