



CVE-2021-41991

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064_img.jpg\)](#)

Summary

CVE	CVE-2021-41991
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2021-10-18 14:15:00 UTC
Updated	2023-11-07 03:39:00 UTC
Description	The in-memory certificate cache in strongSwan before 5.9.4 has a remote integer overflow upon receiving many requests w

Risk And Classification

Problem Types: CWE-190

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Debian	Debian Linux	10.0	All	All	All
Operating System	Debian	Debian Linux	11.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Operating System	Fedoraproject	Fedora	33	All	All	All
Operating System	Fedoraproject	Fedora	34	All	All	All
Operating System	Fedoraproject	Fedora	35	All	All	All
Hardware	Siemens	Cp 1543-1	-	All	All	All
Operating System	Siemens	Cp 1543-1 Firmware	-	All	All	All
Hardware	Siemens	Scalance Sc622-2c	-	All	All	All
Operating System	Siemens	Scalance Sc622-2c Firmware	-	All	All	All
Hardware	Siemens	Scalance Sc632-2c	-	All	All	All
Operating System	Siemens	Scalance Sc632-2c Firmware	-	All	All	All
Hardware	Siemens	Scalance Sc636-2c	-	All	All	All
Operating System	Siemens	Scalance Sc636-2c Firmware	-	All	All	All
Hardware	Siemens	Scalance Sc642-2c	-	All	All	All
Operating System	Siemens	Scalance Sc642-2c Firmware	-	All	All	All
Hardware	Siemens	Scalance Sc646-2c	-	All	All	All

Operating System	Siemens	Scalance Sc646-2c Firmware	All	All	All	All
Hardware	Siemens	Simatic Cp 1242-7 Gprs V2	-	All	All	All
Operating System	Siemens	Simatic Cp 1242-7 Gprs V2 Firmware	-	All	All	All
Hardware	Siemens	Simatic Cp 1243-1	-	All	All	All
Operating System	Siemens	Simatic Cp 1243-1 Firmware	-	All	All	All
Hardware	Siemens	Simatic Cp 1243-7 Lte/us	-	All	All	All
Operating System	Siemens	Simatic Cp 1243-7 Lte/us Firmware	-	All	All	All
Hardware	Siemens	Simatic Cp 1542sp-1	-	All	All	All
Operating System	Siemens	Simatic Cp 1542sp-1 Firmware	-	All	All	All
Hardware	Siemens	Simatic Cp 1542sp-1 Irc	-	All	All	All
Operating System	Siemens	Simatic Cp 1542sp-1 Irc Firmware	-	All	All	All
Hardware	Siemens	Simatic Cp 1543sp-1	-	All	All	All
Operating System	Siemens	Simatic Cp 1543sp-1 Firmware	-	All	All	All
Hardware	Siemens	Simatic Net Cp1243-7 Lte Eu	-	All	All	All
Operating System	Siemens	Simatic Net Cp1243-7 Lte Eu Firmware	-	All	All	All
Hardware	Siemens	Simatic Net Cp 1243-8 Irc	-	All	All	All
Operating System	Siemens	Simatic Net Cp 1243-8 Irc Firmware	-	All	All	All
Hardware	Siemens	Simatic Net Cp 1545-1	-	All	All	All
Operating System	Siemens	Simatic Net Cp 1545-1 Firmware	-	All	All	All
Application	Siemens	Sinema Remote Connect Server	-	All	All	All
Hardware	Siemens	Siplus Et 200sp Cp 1542sp-1 Irc Tx Rail	-	All	All	All
Operating System	Siemens	Siplus Et 200sp Cp 1542sp-1 Irc Tx Rail Firmware	-	All	All	All
Hardware	Siemens	Siplus Et 200sp Cp 1543sp-1 Isec	-	All	All	All
Operating System	Siemens	Siplus Et 200sp Cp 1543sp-1 Isec Firmware	-	All	All	All
Hardware	Siemens	Siplus Et 200sp Cp 1543sp-1 Isec Tx Rail	-	All	All	All
Operating System	Siemens	Siplus Et 200sp Cp 1543sp-1 Isec Tx Rail Firmware	-	All	All	All
Hardware	Siemens	Siplus Net Cp 1543-1	-	All	All	All
Operating System	Siemens	Siplus Net Cp 1543-1 Firmware	-	All	All	All
Hardware	Siemens	Siplus S7-1200 Cp 1243-1	-	All	All	All
Operating System	Siemens	Siplus S7-1200 Cp 1243-1 Firmware	-	All	All	All
Hardware	Siemens	Siplus S7-1200 Cp 1243-1 Rail	-	All	All	All
Operating System	Siemens	Siplus S7-1200 Cp 1243-1 Rail Firmware	-	All	All	All
Application	Strongswan	Strongswan	All	All	All	All

References

Reference	Source	Link
Release strongSwan 5.9.4 · strongswan/strongswan · GitHub	MISC	github.com
Debian -- Security Information -- DSA-4989-1 strongswan	DEBIAN	www.debian.org
strongSwan - strongSwan Vulnerability (CVE-2021-41991)		www.strongswan.org
[SECURITY] Fedora 35 Update: strongswan-5.9.4-1.fc35 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org
[SECURITY] Fedora 35 Update: strongswan-5.9.4-1.fc35 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org
[SECURITY] [DLA 2788-1] strongswan security update	MLIST	lists.debian.org
[SECURITY] Fedora 34 Update: strongswan-5.9.4-1.fc34 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org
strongSwan - strongSwan Vulnerability (CVE-2021-41991)	CONFIRM	www.strongswan.org
[SECURITY] Fedora 33 Update: strongswan-5.9.4-1.fc33 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org
cert-portal.siemens.com/productcert/pdf/ssa-539476.pdf	CONFIRM	cert-portal.siemens.com
[SECURITY] Fedora 33 Update: strongswan-5.9.4-1.fc33 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org
[SECURITY] Fedora 34 Update: strongswan-5.9.4-1.fc34 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org
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

178824 Debian Security Update for strongswan (DSA 4989-1)
178847 Debian Security Update for strongswan (DLA 2788-1)
184571 Debian Security Update for strongswan (CVE-2021-41991)
198539 Ubuntu Security Notification for strongSwan Vulnerabilities (USN-5111-1)
282015 Fedora Security Update for strongswan (FEDORA-2021-0b37146973)
282016 Fedora Security Update for strongswan (FEDORA-2021-b3df83339e)
500669 Alpine Linux Security Update for strongswan
501500 Alpine Linux Security Update for strongswan
501785 Alpine Linux Security Update for strongswan
502034 Alpine Linux Security Update for strongswan
504439 Alpine Linux Security Update for strongswan
610398 Google Android February 2022 Security Patch Missing for Samsung
671395 EulerOS Security Update for strongimcv (EulerOS-SA-2022-1338)
671670 EulerOS Security Update for strongimcv (EulerOS-SA-2022-1338)

671678 EulerOS Security Update for strongimcv (EulerOS-SA-2022-1767)
690851 Free Berkeley Software Distribution (FreeBSD) Security Update for strongswan (58528a94-5100-4208-a04d-edc01598cf01)
751250 SUSE Enterprise Linux Security Update for strongswan (SUSE-SU-2021:3468-1)
751255 SUSE Enterprise Linux Security Update for strongswan (SUSE-SU-2021:3469-1)
751259 OpenSUSE Security Update for strongswan (openSUSE-SU-2021:3467-1)
751299 OpenSUSE Security Update for strongswan (openSUSE-SU-2021:1399-1)
900402 Common Base Linux Mariner (CBL-Mariner) Security Update for strongswan (6027)
901261 Common Base Linux Mariner (CBL-Mariner) Security Update for strongswan (6897-1)

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