



CVE-2021-3570

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

Summary

CVE	CVE-2021-3570
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2021-07-09 11:15:00 UTC
Updated	2023-11-07 03:38:00 UTC
Description	A flaw was found in the ptp4l program of the linuxptp package. A missing length check when forwarding a PTP message be

Risk And Classification

Problem Types: CWE-787

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	Fedoraproject	Fedora	33	All	All	All
Operating System	Fedoraproject	Fedora	34	All	All	All
Application	Linuxptp Project	Linuxptp	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 Aus	8.2	All	All	All
Operating System	Redhat	Enterprise Linux Aus	8.4	All	All	All
Operating System	Redhat	Enterprise Linux Eus	8.1	All	All	All
Operating System	Redhat	Enterprise Linux Eus	8.2	All	All	All
Operating System	Redhat	Enterprise Linux Tus	8.2	All	All	All
Operating System	Redhat	Enterprise Linux Tus	8.4	All	All	All

References

Reference	Source	Link	1
Debian -- Security Information -- DSA-4938-1 linuxptp	DEBIAN	www.debian.org	

[SECURITY] Fedora 33 Update: linuxptp-3.1.1-1.fc33 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org
[SECURITY] [DLA 2723-1] linuxptp security update	MLIST	lists.debian.org
1966240 – (CVE-2021-3570) CVE-2021-3570 linuxptp: missing length check of forwarded messages	MISC	bugzilla.redhat.com
[SECURITY] Fedora 33 Update: linuxptp-3.1.1-1.fc33 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org
[SECURITY] Fedora 34 Update: linuxptp-3.1.1-1.fc34 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org
[SECURITY] Fedora 34 Update: linuxptp-3.1.1-1.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

[159299](#) Oracle Enterprise Linux Security Update for linuxptp (ELSA-2021-2658)

[159300](#) Oracle Enterprise Linux Security Update for linuxptp (ELSA-2021-2660)

[178704](#) Debian Security Update for linuxptp (DSA 4938-1)

[178732](#) Debian Security Update for linuxptp (DLA 2723-1)

[179940](#) Debian Security Update for linuxptp (CVE-2021-3570)

[199369](#) Ubuntu Security Notification for Linux PTP Vulnerability (USN-6097-1)

[239486](#) Red Hat Update for linuxptp (RHSA-2021:2660)

[239487](#) Red Hat Update for linuxptp (RHSA-2021:2659)

[239488](#) Red Hat Update for linuxptp (RHSA-2021:2658)

[239489](#) Red Hat Update for linuxptp (RHSA-2021:2657)

[257096](#) CentOS Security Update for linuxptp (CESA-2021:2658)

[281725](#) Fedora Security Update for linuxptp (FEDORA-2021-1b42c2f458)

[281726](#) Fedora Security Update for linuxptp (FEDORA-2021-a5b584004c)

[352502](#) Amazon Linux Security Advisory for linuxptp: ALAS2-2021-1697

[376999](#) Alibaba Cloud Linux Security Update for linuxptp (ALINUX2-SA-2021:0042)

[377099](#) Alibaba Cloud Linux Security Update for linuxptp (ALINUX3-SA-2021:0050)

[670715](#) EulerOS Security Update for linuxptp (EulerOS-SA-2021-2473)

[670751](#) EulerOS Security Update for linuxptp (EulerOS-SA-2021-2509)

[670922](#) EulerOS Security Update for linuxptp (EulerOS-SA-2021-2473)

670964 EulerOS Security Update for linuxptp (EulerOS-SA-2021-2596)
750871 SUSE Enterprise Linux Security Update for linuxptp (SUSE-SU-2021:2443-1)
750896 SUSE Enterprise Linux Security Update for linuxptp (SUSE-SU-2021:2472-1)
750902 SUSE Enterprise Linux Security Update for linuxptp (SUSE-SU-2021:2545-1)
750942 OpenSUSE Security Update for linuxptp (openSUSE-SU-2021:1102-1)
751173 OpenSUSE Security Update for linuxptp (openSUSE-SU-2021:3202-1)
940258 AlmaLinux Security Update for linuxptp (ALSA-2021:2660)
960038 Rocky Linux Security Update for linuxptp (RLSA-2021:2660)

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