



CVE-2018-15688

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

Summary

CVE	CVE-2018-15688
State	PUBLIC
Assigner	security@ubuntu.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2018-10-26 14:29:00 UTC
Updated	2022-01-31 18:30:00 UTC
Description	A buffer overflow vulnerability in the dhcp6 client of systemd allows a malicious dhcp6 server to overwrite heap memory in s

Risk And Classification

Problem Types: CWE-120

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	18.04	All	All	All
Operating System	Canonical	Ubuntu Linux	18.10	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	Debian	Debian Linux	8.0	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Application	Freedesktop	Systemd	All	All	All	All
Operating System	Redhat	Enterprise Linux Desktop	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Desktop	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Server	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Server	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Server Aus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Server Aus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Server Eus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Server Eus	7.6	All	All	All

Operating System	Redhat	Enterprise Linux Server Tus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Server Tus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Workstation	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Workstation	7.0	All	All	All
Application	Systemd Project	Systemd	All	All	All	All

References

Reference	Source	Link
[SECURITY] [DLA 1580-1] systemd security update	MLIST	lists.debian.org
USN-3806-1: systemd vulnerability Ubuntu security notices Ubuntu	UBUNTU	usn.ubuntu.com
Red Hat Customer Portal - Access to 24x7 support and knowledge	REDHAT	access.redhat.com
systemd CVE-2018-15688 Heap Buffer Overflow Vulnerability	BID	www.securityfocus.com
dhcp6 packet size calculation fixes by poettering · Pull Request #10518 · systemd/systemd · GitHub	MISC	github.com
Red Hat Customer Portal	REDHAT	access.redhat.com
systemd: Multiple vulnerabilities (GLSA 201810-10) — Gentoo security	GENTOO	security.gentoo.org
Red Hat Customer Portal	REDHAT	access.redhat.com
USN-3807-1: NetworkManager vulnerability Ubuntu security notices Ubuntu	UBUNTU	usn.ubuntu.com
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

Vendor Comments And Credit

Discovery Credit

LEGACY: Felix Wilhelm from the Google Security Team

Legacy QID Mappings

[900013](#) CBL-Mariner Linux Security Update for systemd 239

[902853](#) Common Base Linux Mariner (CBL-Mariner) Security Update for systemd (1799)

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