



CVE-2018-15686

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

Summary

CVE	CVE-2018-15686
State	PUBLIC
Assigner	security@ubuntu.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2018-10-26 14:29:00 UTC
Updated	2023-11-07 02:53:00 UTC
Description	A vulnerability in unit_deserialize of systemd allows an attacker to supply arbitrary state across systemd re-execution via N

Risk And Classification

Problem Types: CWE-502

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update
Operating System	Canonical	Ubuntu Linux	16.04	All
Operating System	Canonical	Ubuntu Linux	16.04	All
Operating System	Canonical	Ubuntu Linux	18.04	All
Operating System	Canonical	Ubuntu Linux	18.10	All
Operating System	Canonical	Ubuntu Linux	16.04	All
Operating System	Canonical	Ubuntu Linux	18.04	All
Operating System	Canonical	Ubuntu Linux	18.10	All
Operating System	Debian	Debian Linux	8.0	All
Operating System	Debian	Debian Linux	8.0	All
Application	Freedesktop	Systemd	All	All
Application	Oracle	Communications Cloud Native Core Network Function Cloud Native Environment	1.4.0	All
Application	Systemd Project	Systemd	All	All

References

Reference	Source	Link
[SECURITY] [DLA 1580-1] systemd security update	MLIST	lists.debian.org
Red Hat Customer Portal	REDHAT	access.redhat.com

Pony Mail!		lists.apache.org
Malformed Request	BID	www.securityfocus.com
Red Hat Customer Portal	REDHAT	access.redhat.com
systemd - 'reexec' State Injection - Linux dos Exploit	EXPLOIT-DB	www.exploit-db.com
Red Hat Customer Portal	REDHAT	access.redhat.com
Pony Mail!	MLIST	lists.apache.org
USN-3816-1: systemd vulnerabilities Ubuntu security notices Ubuntu	UBUNTU	usn.ubuntu.com
Oracle Critical Patch Update Advisory - July 2021	N/A	www.oracle.com
pid1 serialization/deserialization fixes by poettering · Pull Request #10519 · systemd/systemd · GitHub	MISC	github.com
systemd: Multiple vulnerabilities (GLSA 201810-10) — Gentoo security	GENTOO	security.gentoo.org
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

Vendor Comments And Credit

Discovery Credit

LEGACY: Jann Horn

Legacy QID Mappings

[352381](#) Amazon Linux Security Advisory for systemd: ALAS2-2021-1647

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

[903106](#) Common Base Linux Mariner (CBL-Mariner) Security Update for systemd (1792)

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