CVE-2016-7795

MITRE | NVD | CVE.ORG | JSON API | Print: PDF

Summary

CVE	CVE-2016-7795
State	PUBLISHED
Assigner	mitre
Source Priority	CVE Program / NVD first with legacy fallback
Published	2016-10-13 14:59:13 UTC
Updated	2026-05-06 22:30:45 UTC
Description	The manager_invoke_notify_message function in systemd 231 and earlier allows local users to cause a denial of service (a

Risk And Classification

Primary CVSS: v3.0 5.5 MEDIUM from nvd@nist.gov

CVSS:3.0/AV:L/AC:L/PR:L/UI:N/S:U/C:N/I:N/A:H

EPSS: 0.001600000 probability, percentile 0.364120000 (date 2026-05-07)

Problem Types: CWE-20 | n/a

Version	Source	Type	Score	Severity	Vector
3.0	nvd@nist.gov	Primary	5.5	MEDIUM	CVSS:3.0/AV:L/AC:L/PR:L/UI:N/S:U/C:N/I:N/A:H
2.0	nvd@nist.gov	Primary	4.9		AV:L/AC:L/Au:N/C:N/I:N/A:C

CVSS v3.0 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

None

Integrity

None

None

Availability

High

CVSS:3.0/AV:L/AC:L/PR:L/UI:N/S:U/C:N/I:N/A:H

CVSS v2.0 Breakdown

Access Vector

Local

Access Complexity

Low

Authentication

None

Confidentiality

None

Integrity

None

Availability

Complete

AV:L/AC:L/Au:N/C:N/I:N/A:C

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Canonical	Ubuntu Linux	16.04	All	All	All
Application	Systemd Project	Systemd	All	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Na	N/a	affected n/a	Not specified

References

Reference	Source
systemd 'manager_invoke_notify_message()' Function Local Denial of Service Vulnerability	af854a3a-2127-4
Red Hat Customer Portal	af854a3a-2127-4
Red Hat Customer Portal	af854a3a-2127-4
systemd Zero-Length Notification Processing Flaw Lets Local Users Cause Denial of Service Conditions - SecurityTracker	af854a3a-2127-4
How to Crash Systemd in One Tweet	af854a3a-2127-4
USN-3094-1: Systemd vulnerability | Ubuntu	af854a3a-2127-4
Assertion failure when PID 1 receives a zero-length message over notify socket · Issue #4234 · systemd/systemd · GitHub	af854a3a-2127-4
oss-security - CVE Request: systemd v209+: local denial-of-service attack	af854a3a-2127-4

oss-security - Re: CVE Request: systemd v209+: local denial-of-service attack	af854a3a-2127-4
CVE Program record	CVE.ORG
NVD vulnerability detail	NVD

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.