

CVE-2016-6187

- MITRE
- NVD
- CVE.ORG
- JSON API
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Summary

CVE	CVE-2016-6187
State	PUBLISHED
Assigner	mitre
Source Priority	CVE Program / NVD first with legacy fallback
Published	2016-08-06 20:59:10 UTC
Updated	2026-05-06 22:30:45 UTC
Description	The apparmor_setprocattr function in security/apparmor/lsm.c in the Linux kernel before 4.6.5 does not validate the buffer s

Risk And Classification

Primary CVSS: v3.1 7.8 HIGH from nvd@nist.gov

CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H

Problem Types: CWE-119 | CWE-264 | n/a

Version	Source	Type	Score	Severity	Vector
3.1	nvd@nist.gov	Primary	7.8	HIGH	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H
2.0	nvd@nist.gov	Primary	7.2		AV:L/AC:L/Au:N/C:C/I:C/A:C

CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H

CVSS v2.0 Breakdown

Access Vector

Local

Access Complexity

Low

Authentication

None

Confidentiality

Complete

Integrity

Complete

Availability

Complete

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

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Linux	Linux Kernel	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
kernel/git/torvalds/linux.git - Linux kernel source tree	af854a3a-2127-422b-91
Bug 1354383 – CVE-2016-6187 kernel: apparmor: Potential privilege escalation via oops in apparmor_setprocattr()	af854a3a-2127-422b-91
'[GIT PULL] Fix for AppArmor oops in apparmor_setprocattr()' - MARC	af854a3a-2127-422b-91
apparmor: fix oops, validate buffer size in apparmor_setprocattr() · torvalds/linux@30a46a4 · GitHub	af854a3a-2127-422b-91
www.kernel.org/pub/linux/kernel/v4.x/ChangeLog-4.6.5	af854a3a-2127-422b-91
oss-security - Re: CVE request: apparmor: oops in apparmor_setprocattr()	af854a3a-2127-422b-91
Malformed Request	af854a3a-2127-422b-91
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.

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