



CVE-2025-54511

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF !\[\]\(003082e50e3009141f59bd5df831749f_img.jpg\)](#)

Summary

CVE	CVE-2025-54511
State	PUBLISHED
Assigner	AMD
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-05-15 03:16:22 UTC
Updated	2026-05-15 03:16:22 UTC
Description	Improper handling of insufficient privileges in the AMD Secure Processor (ASP) could allow an attacker to provide an input

Risk And Classification

Primary CVSS: v4.0 5.3 MEDIUM from psirt@amd.com

CVSS:4.0/AV:N/AC:L/AT:N/PR:L/UI:N/VC:N/VI:L/VA:L/SC:N/SI:N/SA:N/E:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MSX/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X

Problem Types: CWE-274 | CWE-274 CWE-274 Improper Handling of Insufficient Privileges

Version	Source	Type	Score	Severity	Vector
4.0	psirt@amd.com	Secondary	5.3	MEDIUM	CVSS:4.0/AV:N/AC:L/AT:N/PR:L/UI:N/VC:N/VI:L/VA:L/SC:N/SI:N/SA:N/E:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MSX/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X
4.0	CNA	CVSS	5.3	MEDIUM	CVSS:4.0/AV:N/AC:L/AT:N/PR:L/UI:N/VC:N/VI:L/VA:L/SC:N/SI:N/SA:N

CVSS v4.0 Breakdown

Attack Vector

Network

Attack Complexity

Low

Attack Requirements

None

Privileges Required

Low

User Interaction

None

Confidentiality

None

Integrity

Low

Availability **Low**

Sub Conf. **None**

Sub Integrity **None**

Sub Availability **None**

CVSS:4.0/AV:N/AC:L/AT:N/PR:L/UI:N/VC:N/VI:L/VA:L/SC:N/SI:N/SA:N/E:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MSX/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X



Vendor Declared Affected Products				
Source	Vendor	Product	Version	Platforms
CNA	AMD	MI-25	unaffected 23.10	Not specified
CNA	AMD	AMD Instinct MI250	unaffected ROCm 6.3	Not specified
CNA	AMD	AMD Instinct MI210	unaffected ROCm 6.3	Not specified
CNA	AMD	AMD Radeon PRO V520	unaffected Contact your AMD Customer Engineering representative	Not specified
CNA	AMD	AMD Radeon PRO V620	unaffected Contact your AMD Customer Engineering representative	Not specified

References			
Reference	Source	Link	Tags
www.amd.com/en/resources/product-security/bulletin/AMD-SB-6027.html	psirt@amd.com	www.amd.com	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis

No vendor comments have been submitted for this CVE.

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

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