



CVE-2026-0427

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Summary

CVE	CVE-2026-0427
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 cleanup of shared register resources in GPU firmware could allow an admin-privileged attacker from a Guest Virtu

Risk And Classification

Primary CVSS: v4.0 4.6 MEDIUM from psirt@amd.com

CVSS:4.0/AV:L/AC:L/AT:N/PR:H/UI:N/VC:L/VI:L/VA:L/SC:L/SI:L/SA:L/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-459 | CWE-459 CWE-459 Incomplete Cleanup

Version	Source	Type	Score	Severity	Vector
4.0	psirt@amd.com	Secondary	4.6	MEDIUM	CVSS:4.0/AV:L/AC:L/AT:N/PR:H/UI:N/VC:L/VI:L/VA:L/SC:L/SI:L/SA:L/E:X/C...
4.0	CNA	CVSS	4.6	MEDIUM	CVSS:4.0/AV:L/AC:L/AT:N/PR:H/UI:N/VC:L/VI:L/VA:L/SC:L/SI:L/SA:L

CVSS v4.0 Breakdown

Attack Vector

Local

Attack Complexity

Low

Attack Requirements

None

Privileges Required

High

User Interaction

None

Confidentiality

Low

Integrity

Low

Availability

Low

Sub Conf.

Low

Sub Integrity

Low

Sub Availability

Low

CVSS:4.0/AV:L/AC:L/AT:N/PR:H/UI:N/VC:L/VI:L/VA:L/SC:L/SI:L/SA:L/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	AMD Instinct MI210	unaffected GIM 8.2.0.K	Not specified
CNA	AMD	AMD Instinct MI300X	unaffected GIM 8.2.0.K	Not specified
CNA	AMD	AMD Instinct MI325X	unaffected GIM 8.2.0.K	Not specified
CNA	AMD	AMD Radeon PRO V710	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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