



# drm/amdgpu: Validate TA binary size

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF](#)

## Summary

<b>CVE</b>	CVE-2024-44977
<b>State</b>	PUBLISHED
<b>Assigner</b>	Linux
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2024-09-04 20:15:07 UTC
<b>Updated</b>	2026-04-09 17:42:06 UTC
<b>Description</b>	In the Linux kernel, the following vulnerability has been resolved: drm/amdgpu: Validate TA binary size Add TA binary size v

## 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-787

## 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

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	11.0	All	All	All
Operating System	<a href="#">Linux</a>	<a href="#">Linux Kernel</a>	All	All	All	All

## Vendor Declared Affected Products

Source	Vendor	Product	Version
CNA	<a href="#">Linux</a>	<a href="#">Linux</a>	affected e50d9ba0d2cd0cb4dd18e2a41a83fe21d3b046b8 5ab8793b9a6cc059f503cbe6fe596f80765e0f19 git
CNA	<a href="#">Linux</a>	<a href="#">Linux</a>	affected e50d9ba0d2cd0cb4dd18e2a41a83fe21d3b046b8 50553ea7cbd3344fbf40afb065f6a2d38171c1ad git
CNA	<a href="#">Linux</a>	<a href="#">Linux</a>	affected e50d9ba0d2cd0cb4dd18e2a41a83fe21d3b046b8 e562415248f402203e7fb6d8c38c1b32fa99220f git
CNA	<a href="#">Linux</a>	<a href="#">Linux</a>	affected e50d9ba0d2cd0cb4dd18e2a41a83fe21d3b046b8 c99769bceab4ecb6a067b9af11f9db281eea3e2a git
CNA	<a href="#">Linux</a>	<a href="#">Linux</a>	affected 5.19
CNA	<a href="#">Linux</a>	<a href="#">Linux</a>	unaffected 5.19 semver
CNA	<a href="#">Linux</a>	<a href="#">Linux</a>	unaffected 6.1.107 6.1.* semver
CNA	<a href="#">Linux</a>	<a href="#">Linux</a>	unaffected 6.6.48 6.6.* semver
CNA	<a href="#">Linux</a>	<a href="#">Linux</a>	unaffected 6.10.7 6.10.* semver
CNA	<a href="#">Linux</a>	<a href="#">Linux</a>	unaffected 6.11 * original_commit_for_fix

## References

Reference	Source	Link	Tags
<a href="https://git.kernel.org/stable/c/5ab8793b9a6cc059f503cbe6fe596f80765e0f19">git.kernel.org/stable/c/5ab8793b9a6cc059f503cbe6fe596f80765e0f19</a>	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>	Patch
<a href="https://git.kernel.org/stable/c/50553ea7cbd3344fbf40afb065f6a2d38171c1ad">git.kernel.org/stable/c/50553ea7cbd3344fbf40afb065f6a2d38171c1ad</a>	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>	Patch
<a href="https://git.kernel.org/stable/c/e562415248f402203e7fb6d8c38c1b32fa99220f">git.kernel.org/stable/c/e562415248f402203e7fb6d8c38c1b32fa99220f</a>	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>	Patch
<a href="https://lists.debian.org/debian-lts-announce/2025/01/msg00001.html">lists.debian.org/debian-lts-announce/2025/01/msg00001.html</a>	af854a3a-2127-422b-91ae-364da2661108	<a href="https://lists.debian.org">lists.debian.org</a>	Mailin
<a href="https://git.kernel.org/stable/c/c99769bceab4ecb6a067b9af11f9db281eea3e2a">git.kernel.org/stable/c/c99769bceab4ecb6a067b9af11f9db281eea3e2a</a>	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>	Patch
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>	cano
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>	cano

No vendor comments have been submitted for this CVE.

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

© CVE.report 2026 |

Use of this information constitutes acceptance for use in an AS IS condition. There are NO warranties, implied or otherwise, with regard to this information or its use. Any use of this information is at the user's risk. It is the responsibility of user to evaluate the accuracy, completeness or usefulness of any information, opinion, advice or other content. EACH USER WILL BE SOLELY RESPONSIBLE FOR ANY consequences of his or her direct or indirect use of this web site. ALL WARRANTIES OF ANY KIND ARE EXPRESSLY DISCLAIMED. This site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE, CWE, and OVAL are registered trademarks of [The MITRE Corporation](#) and the authoritative source of CVE content is [MITRE's CVE web site](#). This site includes MITRE data granted under the following [license](#).

**Free CVE JSON API** [cve.report/api](https://cve.report/api)

**CVE.report and Source URL Uptime Status** [status.cve.report](https://status.cve.report)