



# GPU DDK - libusc OOB write at ConvertSwitchToArrayLookupBP during WebGPU shader compilation

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

## Summary

<b>CVE</b>	CVE-2026-21732
<b>State</b>	PUBLISHED
<b>Assigner</b>	imaginationtech
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2026-03-20 23:16:42 UTC
<b>Updated</b>	2026-04-21 16:55:05 UTC
<b>Description</b>	A web page that contains unusual GPU shader code is loaded into the GPU compiler process and can trigger a write out-of

## Risk And Classification

**Primary CVSS:** v3.1 9.6 CRITICAL from ADP

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

**EPSS:** 0.000610000 probability, percentile 0.191550000 (date 2026-04-22)

**Problem Types:** CWE-823 | CWE-787 | CWE-823 CWE-823: Use of Out-of-range Pointer Offset (4.16)

Version	Source	Type	Score	Severity	Vector
3.1	ADP	DECLARED	9.6	CRITICAL	CVSS:3.1/AV:N/AC:L/PR:N/UI:R/S:C/C:H/I:H/A:H
3.1	134c704f-9b21-4f2e-91b3-4a467353bcc0	Secondary	9.6	CRITICAL	CVSS:3.1/AV:N/AC:L/PR:N/UI:R/S:C/C:H/I:H/A:H

## CVSS v3.1 Breakdown

Attack Vector

**Network**

Attack Complexity

**Low**

Privileges Required

**None**

User Interaction

**Required**

Scope

Changed

Confidentiality

High

Integrity

High

Availability

High

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

### NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	<a href="#">Imaginationtech</a>	<a href="#">Ddk</a>	1.17	All	All	All
Application	<a href="#">Imaginationtech</a>	<a href="#">Ddk</a>	1.18	All	All	All
Application	<a href="#">Imaginationtech</a>	<a href="#">Ddk</a>	23.2	All	All	All
Application	<a href="#">Imaginationtech</a>	<a href="#">Ddk</a>	All	All	All	All

### Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	<a href="#">Imagination Technologies</a>	<a href="#">Graphics DDK</a>	unaffected 1.17 RTM custom	Linux, Android
CNA	<a href="#">Imagination Technologies</a>	<a href="#">Graphics DDK</a>	unaffected 1.18 RTM custom	Linux, Android
CNA	<a href="#">Imagination Technologies</a>	<a href="#">Graphics DDK</a>	affected 23.2 RTM custom	Linux, Android
CNA	<a href="#">Imagination Technologies</a>	<a href="#">Graphics DDK</a>	affected 24.1 RTM 25.1 RTM custom	Linux, Android
CNA	<a href="#">Imagination Technologies</a>	<a href="#">Graphics DDK</a>	unaffected 25.2 RTM custom	Linux, Android

### References

Reference	Source	Link	Tags
<a href="http://www.imaginationtech.com/gpu-driver-vulnerabilities">www.imaginationtech.com/gpu-driver-vulnerabilities</a>	367425dc-4d06-4041-9650-c2dc6aaa27ce	<a href="http://www.imaginationtech.com">www.imaginationtech.com</a>	Vendor Advis
CVE Program record	CVE.ORG	<a href="http://www.cve.org">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="http://nvd.nist.gov">nvd.nist.gov</a>	canonical, an

No vendor comments have been submitted for this CVE.

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

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