



# Microsoft Windows Graphic Component Privilege Escalation Vulnerability

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

## Summary

<b>CVE</b>	CVE-2023-21823
<b>State</b>	PUBLIC
<b>Assigner</b>	secure@microsoft.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2023-02-14 21:15:00 UTC
<b>Updated</b>	2023-02-23 21:46:00 UTC
<b>Description</b>	Windows Graphics Component Remote Code Execution Vulnerability

## Risk And Classification

**EPSS:** 0.052410000 probability, percentile 0.899970000 (date 2026-04-22)

**CISA KEV:** Listed on 2023-02-14; due 2023-03-07; ransomware use Unknown

**Problem Types:** NVD-CWE-noinfo

## CISA Known Exploited Vulnerability

<b>Vendor</b>	Microsoft
<b>Product</b>	Windows
<b>Name</b>	Microsoft Windows Graphic Component Privilege Escalation Vulnerability
<b>Required Action</b>	Apply updates per vendor instructions.
<b>Notes</b>	<a href="https://msrc.microsoft.com/update-guide/en-US/vulnerability/CVE-2023-21823">https://msrc.microsoft.com/update-guide/en-US/vulnerability/CVE-2023-21823</a> ; <a href="https://nvd.nist.gov/vuln/detail/CVE-2023-21823">https://nvd.nist.gov/vuln/detail/CVE-2023-21823</a>

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Microsoft	Windows 10 1507	All	All	All	All
Operating System	Microsoft	Windows 10 1507	All	All	All	All
Operating System	Microsoft	Windows 10 1607	All	All	All	All
Operating System	Microsoft	Windows 10 1607	All	All	All	All
Operating System	Microsoft	Windows 10 1809	All	All	All	All
Operating System	Microsoft	Windows 10 1809	All	All	All	All
Operating System	Microsoft	Windows 10 1809	All	All	All	All

Operating System	Microsoft	Windows 10 1009	All	All	All	All
Operating System	Microsoft	Windows 10 20h2	All	All	All	All
Operating System	Microsoft	Windows 10 20h2	All	All	All	All
Operating System	Microsoft	Windows 10 20h2	All	All	All	All
Operating System	Microsoft	Windows 10 21h2	All	All	All	All
Operating System	Microsoft	Windows 10 21h2	All	All	All	All
Operating System	Microsoft	Windows 10 21h2	All	All	All	All
Operating System	Microsoft	Windows 10 22h2	All	All	All	All
Operating System	Microsoft	Windows 10 22h2	All	All	All	All
Operating System	Microsoft	Windows 10 22h2	All	All	All	All
Operating System	Microsoft	Windows 11 21h2	All	All	All	All
Operating System	Microsoft	Windows 11 21h2	All	All	All	All
Operating System	Microsoft	Windows 11 22h2	All	All	All	All
Operating System	Microsoft	Windows 11 22h2	All	All	All	All
Operating System	Microsoft	Windows Server 2008	-	sp2	All	All
Operating System	Microsoft	Windows Server 2008	-	sp2	All	All
Operating System	Microsoft	Windows Server 2008	r2	sp1	All	All
Operating System	Microsoft	Windows Server 2012	-	All	All	All
Operating System	Microsoft	Windows Server 2012	r2	All	All	All
Operating System	Microsoft	Windows Server 2016	-	All	All	All
Operating System	Microsoft	Windows Server 2019	-	All	All	All
Operating System	Microsoft	Windows Server 2022	-	All	All	All

## References

Reference	Source	Link	Tags
Security Update Guide - Microsoft Security Response Center	MISC	<a href="https://msrc.microsoft.com">msrc.microsoft.com</a>	
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>	canonical, analysis
CISA Known Exploited Vulnerabilities catalog	CISA	<a href="https://www.cisa.gov">www.cisa.gov</a>	kev

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

110426 Microsoft Office Security Update for February 2023

91979 Microsoft Windows Security Update for February 2023

91988 Microsoft Azure Stack Hub Security Updates for February 2023

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