



CVE-2021-40449

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Summary

CVE	CVE-2021-40449
State	PUBLIC
Assigner	secure@microsoft.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2021-10-13 01:15:00 UTC
Updated	2023-08-08 14:21:00 UTC
Description	Win32k Elevation of Privilege Vulnerability

Risk And Classification

EPSS: 0.917320000 probability, percentile 0.996790000 (date 2026-04-01)

CISA KEV: Listed on 2021-11-17; due 2021-12-01; ransomware use Known

Problem Types: CWE-416

CISA Known Exploited Vulnerability

Vendor	Microsoft
Product	Windows
Name	Microsoft Windows Win32k Privilege Escalation Vulnerability
Required Action	Apply updates per vendor instructions.
Notes	https://nvd.nist.gov/vuln/detail/CVE-2021-40449

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Microsoft	Windows 10	-	All	All	All
Operating System	Microsoft	Windows 10	-	All	All	All
Operating System	Microsoft	Windows 10	-	All	All	All
Operating System	Microsoft	Windows 10	1607	All	All	All
Operating System	Microsoft	Windows 10	1607	All	All	All
Operating System	Microsoft	Windows 10	1607	All	All	All
Operating System	Microsoft	Windows 10	1809	All	All	All
Operating System	Microsoft	Windows 10	1809	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 2016	2004	All	All	All
Operating System	Microsoft	Windows Server 2019	-	All	All	All
Operating System	Microsoft	Windows Server 2022	All	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	portal.msrc.microsoft.com	
Win32k NtGdiResetDC Use-After-Free / Local Privilege Escalation ≈ Packet Storm	MISC	packetstormsecurity.com	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, ana
CISA Known Exploited Vulnerabilities catalog	CISA	www.cisa.gov	kev

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[91824](#) Microsoft Windows Security Update for October 2021

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