



# CVE-2021-40450

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

## Summary

<b>CVE</b>	CVE-2021-40450
<b>State</b>	PUBLIC
<b>Assigner</b>	secure@microsoft.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2021-10-13 01:15:00 UTC
<b>Updated</b>	2023-08-08 14:21:00 UTC
<b>Description</b>	Win32k Elevation of Privilege Vulnerability

## Risk And Classification

**EPSS:** 0.055880000 probability, percentile 0.902620000 (date 2026-04-01)

**CISA KEV:** Listed on 2022-04-25; due 2022-05-16; ransomware use Unknown

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

## CISA Known Exploited Vulnerability

<b>Vendor</b>	Microsoft
<b>Product</b>	Win32k
<b>Name</b>	Microsoft Win32k Privilege Escalation Vulnerability
<b>Required Action</b>	Apply updates per vendor instructions.
<b>Notes</b>	<a href="https://nvd.nist.gov/vuln/detail/CVE-2021-40450">https://nvd.nist.gov/vuln/detail/CVE-2021-40450</a>

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	<a href="#">Microsoft</a>	<a href="#">Windows 10</a>	1809	All	All	All
Operating System	<a href="#">Microsoft</a>	<a href="#">Windows 10</a>	1809	All	All	All
Operating System	<a href="#">Microsoft</a>	<a href="#">Windows 10</a>	1809	All	All	All
Operating System	<a href="#">Microsoft</a>	<a href="#">Windows 10</a>	1909	All	All	All
Operating System	<a href="#">Microsoft</a>	<a href="#">Windows 10</a>	1909	All	All	All
Operating System	<a href="#">Microsoft</a>	<a href="#">Windows 10</a>	1909	All	All	All
Operating System	<a href="#">Microsoft</a>	<a href="#">Windows 10</a>	2004	All	All	All
Operating System	<a href="#">Microsoft</a>	<a href="#">Windows 10</a>	2004	All	All	All

Operating System	Microsoft	Windows 10	2004	All	All	All
Operating System	Microsoft	Windows 10	20h2	All	All	All
Operating System	Microsoft	Windows 10	20h2	All	All	All
Operating System	Microsoft	Windows 10	20h2	All	All	All
Operating System	Microsoft	Windows 10	21h1	All	All	All
Operating System	Microsoft	Windows 10	21h1	All	All	All
Operating System	Microsoft	Windows 10	21h1	All	All	All
Operating System	Microsoft	Windows 11	-	All	All	All
Operating System	Microsoft	Windows 11	-	All	All	All
Operating System	Microsoft	Windows Server	2004	All	All	All
Operating System	Microsoft	Windows Server	20h2	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

## References

Reference	Source	Link	Tags
Security Update Guide - Microsoft Security Response Center	MISC	<a href="https://portal.msrc.microsoft.com">portal.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

91824 Microsoft Windows Security Update for October 2021

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