



CVE-2022-37954

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

Summary

CVE	CVE-2022-37954
State	PUBLIC
Assigner	secure@microsoft.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2022-09-13 19:15:00 UTC
Updated	2023-08-08 14:22:00 UTC
Description	DirectX Graphics Kernel Elevation of Privilege Vulnerability

Risk And Classification

Problem Types: NVD-CWE-noinfo

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Microsoft	Windows 10	1809	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 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 10	21h2	All	All	All
Operating System	Microsoft	Windows 10	21h2	All	All	All
Operating System	Microsoft	Windows 10	21h2	All	All	All
Operating System	Microsoft	Windows 11	-	All	All	All
Operating System	Microsoft	Windows 11	-	All	All	All
Operating System	Microsoft	Windows Server 2019	-	All	All	All
Operating System	Microsoft	Windows Server 2022	-	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	
Security Update Guide - Microsoft Security Response Center	MISC	msrc.microsoft.com	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[91940](#) Microsoft Windows Security Update for September 2022

[91945](#) Microsoft Azure Stack Hub Security Updates for September 2022

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