



Microsoft Defender SmartScreen Security Feature Bypass Vulnerability

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

Summary

CVE	CVE-2022-44698
State	PUBLIC
Assigner	secure@microsoft.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2022-12-13 19:15:00 UTC
Updated	2023-08-08 14:22:00 UTC
Description	Windows SmartScreen Security Feature Bypass Vulnerability

Risk And Classification

EPSS: 0.672190000 probability, percentile 0.985690000 (date 2026-04-22)

CISA KEV: Listed on 2022-12-13; due 2023-01-03; ransomware use Known

Problem Types: CWE-755

CISA Known Exploited Vulnerability

Vendor	Microsoft
Product	Defender
Name	Microsoft Defender SmartScreen Security Feature Bypass Vulnerability
Required Action	Apply updates per vendor instructions.
Notes	https://msrc.microsoft.com/update-guide/vulnerability/CVE-2022-44698 ; https://nvd.nist.gov/vuln/detail/CVE-2022-44698

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Microsoft	Windows 10	1607	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	21h1	All	All	All
Operating System	Microsoft	Windows 10	21h2	All	All	All
Operating System	Microsoft	Windows 10	22h2	All	All	All
Operating System	Microsoft	Windows 11		All	All	All

Operating System	Microsoft	Windows 11	-	All	All	All
Operating System	Microsoft	Windows 11	-	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
Microsoft December 2022 Patch Tuesday Fixes 48 Vulnerabilities, Including 2 Zero-day! - SecPod Blog	MISC	www.secpod.com
Security Update Guide - Microsoft Security Response Center	MISC	msrc.microsoft.com
Security Update Guide - Microsoft Security Response Center	MISC	portal.msrc.microsoft.com
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov
CISA Known Exploited Vulnerabilities catalog	CISA	www.cisa.gov

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[91962](#) Microsoft Windows Security Update for December 2022

[91968](#) Microsoft Azure Stack Hub Security Updates for December 2022

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