



CVE-2018-8120

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF !\[\]\(003082e50e3009141f59bd5df831749f_img.jpg\)](#)

Summary

CVE	CVE-2018-8120
State	PUBLIC
Assigner	secure@microsoft.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2018-05-09 19:29:00 UTC
Updated	2019-10-03 00:03:00 UTC
Description	An elevation of privilege vulnerability exists in Windows when the Win32k component fails to properly handle objects in mer

Risk And Classification

EPSS: 0.941490000 probability, percentile 0.999180000 (date 2026-05-08)

CISA KEV: Listed on 2022-03-15; due 2022-04-05; ransomware use Known

Problem Types: CWE-404

CISA Known Exploited Vulnerability

Vendor	Microsoft
Product	Win32k
Name	Microsoft Win32k Privilege Escalation Vulnerability
Required Action	Apply updates per vendor instructions.
Notes	https://nvd.nist.gov/vuln/detail/CVE-2018-8120

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Microsoft	Windows 7	-	sp1	All	All
Operating System	Microsoft	Windows 7	-	sp1	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 2008	r2	sp1	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 2008	r2	sp1	All	All

References

Reference

Microsoft Windows - SetImeInfoEx Win32k NULL Pointer Dereference (Metasploit) - Windows local Exploit

portal.msrc.microsoft.com/en-US/security-guidance/advisory/CVE-2018-8120

Microsoft Windows Kernel 'Win32k.sys' CVE-2018-8120 Local Privilege Escalation Vulnerability

Windows Kernel Multiple Flaws Let Local Users Bypass Security Restrictions, Obtain Potentially Sensitive Information, and Gain Elevated Privileges

CVE Program record

NVD vulnerability detail

CISA Known Exploited Vulnerabilities catalog

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.

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