



CVE-2018-8414

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Summary

CVE	CVE-2018-8414
State	PUBLIC
Assigner	secure@microsoft.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2018-08-15 17:29:00 UTC
Updated	2022-05-23 17:29:00 UTC
Description	A remote code execution vulnerability exists when the Windows Shell does not properly validate file paths, aka "Windows S

Risk And Classification

EPSS: 0.879300000 probability, percentile 0.994820000 (date 2026-05-08)

CISA KEV: Listed on 2022-03-25; due 2022-04-15; ransomware use Unknown

Problem Types: CWE-20

CISA Known Exploited Vulnerability

Vendor	Microsoft
Product	Windows
Name	Microsoft Windows Shell Remote Code Execution Vulnerability
Required Action	Apply updates per vendor instructions.
Notes	https://nvd.nist.gov/vuln/detail/CVE-2018-8414

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Microsoft	Windows 10	1703	All	All	All
Operating System	Microsoft	Windows 10	1709	All	All	All
Operating System	Microsoft	Windows 10	1803	All	All	All
Operating System	Microsoft	Windows 10	1703	All	All	All
Operating System	Microsoft	Windows 10	1709	All	All	All
Operating System	Microsoft	Windows 10	1803	All	All	All
Operating System	Microsoft	Windows Server	1709	All	All	All
Operating System	Microsoft	Windows Server	1803	All	All	All

Operating System	Microsoft	Windows Server	1709	All	All	All
Operating System	Microsoft	Windows Server	1803	All	All	All

References

Reference	Source	Link
Windows Shell File Path Validation Flaw Lets Remote Users Execute Arbitrary Code - SecurityTracker	SECTRACK	www.securitytracker.c
portal.msrc.microsoft.com/en-US/security-guidance/advisory/CVE-2018-8414	CONFIRM	portal.msrc.microsoft.
Microsoft Windows Shell CVE-2018-8414 Remote Code Execution Vulnerability	BID	www.securityfocus.co
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.

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

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