



CVE-2018-8298

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

Summary

CVE	CVE-2018-8298
State	PUBLIC
Assigner	secure@microsoft.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2018-07-11 00:29:00 UTC
Updated	2020-08-24 17:37:00 UTC
Description	A remote code execution vulnerability exists in the way that the ChakraCore scripting engine handles objects in memory, al

Risk And Classification

EPSS: 0.893700000 probability, percentile 0.995490000 (date 2026-05-02)

CISA KEV: Listed on 2022-03-03; due 2022-03-17; ransomware use Unknown

Problem Types: CWE-843

CISA Known Exploited Vulnerability

Vendor	ChakraCore
Product	ChakraCore scripting engine
Name	ChakraCore Scripting Engine Type Confusion Vulnerability
Required Action	Apply updates per vendor instructions.
Notes	https://nvd.nist.gov/vuln/detail/CVE-2018-8298

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Microsoft	Chakracore	All	All	All	All
Application	Microsoft	Chakracore	All	All	All	All

References

Reference	Source	L
Microsoft Edge Chakra JIT - InitializeNumberFormat and InitializeDateTimeFormat Type Confusion - Windows dos Exploit	EXPLOIT-DB	v
portal.msrc.microsoft.com/en-US/security-guidance/advisory/CVE-2018-8298	CONFIRM	p
Microsoft ChakraCore Scripting Engine CVE-2018-8298 Remote Memory Corruption Vulnerability	BID	v

CVE Program record	CVE.ORG	v
NVD vulnerability detail	NVD	n
CISA Known Exploited Vulnerabilities catalog	CISA	v

No vendor comments have been submitted for this CVE.

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

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