CVE-2021-31199

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Summary

CVE	CVE-2021-31199
State	PUBLIC
Assigner	secure@microsoft.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2021-06-08 23:15:00 UTC
Updated	2023-08-01 23:15:00 UTC
Description	Microsoft Enhanced Cryptographic Provider Elevation of Privilege Vulnerability

Risk And Classification

EPSS: 0.007980000 probability, percentile 0.741290000 (date 2026-05-09)

CISA KEV: Listed on 2021-11-03; due 2021-11-17; ransomware use Unknown

Problem Types: NVD-CWE-noinfo

CISA Known Exploited Vulnerability

Vendor	Microsoft
Product	Enhanced Cryptographic Provider
Name	Microsoft Enhanced Cryptographic Provider Privilege Escalation Vulnerability
Required Action	Apply updates per vendor instructions.
Notes	https://nvd.nist.gov/vuln/detail/CVE-2021-31199

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Microsoft	Windows Server 2008	-	sp2	All	All
Operating System	Microsoft	Windows Server 2008	r2	sp1	All	All
Operating System	Microsoft	Windows Server 2012	-	All	All	All
Operating System	Microsoft	Windows Server 2012	r2	All	All	All

References

Reference	Source	Link	Tags
Security Update Guide - Microsoft Security Response Center	MISC	portal.msrc.microsoft.com	
CVE Program record	CVE.ORG	www.cve.org	canonical

CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis
CISA Known Exploited Vulnerabilities catalog	CISA	www.cisa.gov	kev

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

91772 Microsoft Windows Security Update for June 2021