

CVE-2019-9874

Sitecore CMS and Experience Platform (XP) Deserialization Vulnerability

CISA KEV since Mar 26, 2025

Actively exploited

Deserialization of Untrusted Data in the Sitecore.Security.AntiCSRF (aka anti CSRF) module in Sitecore CMS 7.0 to 7.2 and Sitecore XP 7.5 to 8.2 allows an unauthenticated attacker to execute arbitrary code by sending a serialized .NET object in the HTTP POST parameter __CSRFToken.

EVRS 84/100 Urgent priority	CVSS V3.1 9.8 Critical · NVD	EPSS 0.837 99.69th percentile · FIRST	CISA DEADLINE Apr 16, 2025 KEV since 2025 · listed over a year
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Signals behind the score

☒ counted in the score ☐ not counted

evidence for 6 of 8 signals

☒ CISA KEV	Listed in the catalog	☐ Vendor exploitation	Confirmed exploitation in the wild
☐ Ransomware	No known ransomware campaign association	☐ KEV recency	Added to CISA KEV within the last two years
☒ EPSS	0.837 probability	☐ Pre-patch disclosure	Disclosure status unavailable
☒ CVSS	Base score 9.8	☐ Microsoft Exploitability Index	Not a Microsoft CVE

Remediation

Patch This Cycle Patch or fixed version identified

CISA required action: Apply mitigations per vendor instructions, follow applicable BOD 22-01 guidance for cloud services, or discontinue use of the product if mitigations are unavailable.

Basis: CISA KEV required action

Affected and fixed versions

PACKAGE	AFFECTED	FIXED IN	SOURCE
cms	≥ 7.0 ≤ 7.2	after 7.2	NVD
experience platform	≥ 7.5 ≤ 8.2	after 8.2	NVD

Sources

Vendor guidance	synacktiv.com/ressources/advisories/Sitecore_CSRF_deserialize_RCE.pdf	Additional guidance	dev.sitecore.net/Downloads.aspx
support.sitecore.com	support.sitecore.com/kb?id=kb_article_view&sysparm_article=KB0334035	NVD	nvd.nist.gov/vuln/detail/CVE-2019-9874
CISA KEV	cisa.gov/known-exploited-vulnerabilities-catalog	ENISA EUVD	euvd.enisa.europa.eu/vulnerability/EUVD-2019-19230
Current data	evulnable.com/vulnerability-management/cve/CVE-2019-9874		

Snapshot at generation time. EPSS can move quickly. A public exploit module is not evidence of active exploitation.