



Adobe ColdFusion Deserialization of Untrusted Data Vulnerability

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF](#)

Summary

CVE	CVE-2023-38203
State	PUBLIC
Assigner	psirt@adobe.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2023-07-20 16:15:00 UTC
Updated	2023-07-20 16:46:00 UTC
Description	Adobe ColdFusion versions 2018u17 (and earlier), 2021u7 (and earlier) and 2023u1 (and earlier) are affected by a Deseria

Risk And Classification

EPSS: 0.942410000 probability, percentile 0.999290000 (date 2026-04-20)

CISA KEV: Listed on 2024-01-08; due 2024-01-29; ransomware use Known

Problem Types: CWE-502

CISA Known Exploited Vulnerability

Vendor	Adobe
Product	ColdFusion
Name	Adobe ColdFusion Deserialization of Untrusted Data Vulnerability
Required Action	Apply mitigations per vendor instructions or discontinue use of the product if mitigations are unavailable.
Notes	https://helpx.adobe.com/security/products/coldfusion/apsb23-41.html ; https://nvd.nist.gov/vuln/detail/CVE-2023-38203

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Adobe	Coldfusion	2018	-	All	All
Application	Adobe	Coldfusion	2018	update1	All	All
Application	Adobe	Coldfusion	2018	update10	All	All
Application	Adobe	Coldfusion	2018	update11	All	All
Application	Adobe	Coldfusion	2018	update12	All	All
Application	Adobe	Coldfusion	2018	update13	All	All

Application	Adobe	Coldfusion	2018	update14	All	All
Application	Adobe	Coldfusion	2018	update15	All	All
Application	Adobe	Coldfusion	2018	update16	All	All
Application	Adobe	Coldfusion	2018	update17	All	All
Application	Adobe	Coldfusion	2018	update2	All	All
Application	Adobe	Coldfusion	2018	update3	All	All
Application	Adobe	Coldfusion	2018	update4	All	All
Application	Adobe	Coldfusion	2018	update5	All	All
Application	Adobe	Coldfusion	2018	update6	All	All
Application	Adobe	Coldfusion	2018	update7	All	All
Application	Adobe	Coldfusion	2018	update8	All	All
Application	Adobe	Coldfusion	2018	update9	All	All
Application	Adobe	Coldfusion	2021	-	All	All
Application	Adobe	Coldfusion	2021	update1	All	All
Application	Adobe	Coldfusion	2021	update2	All	All
Application	Adobe	Coldfusion	2021	update3	All	All
Application	Adobe	Coldfusion	2021	update4	All	All
Application	Adobe	Coldfusion	2021	update5	All	All
Application	Adobe	Coldfusion	2021	update6	All	All
Application	Adobe	Coldfusion	2021	update7	All	All
Application	Adobe	Coldfusion	2023	-	All	All
Application	Adobe	Coldfusion	2023	update1	All	All

References

Reference	Source	Link	Tags
Adobe Security Bulletin	MISC	helpx.adobe.com	Patch, Vendor Advisory
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

[150715](#) Adobe ColdFusion Remote Code Execution (RCE) Vulnerability (APSB23-47)

[378671](#) Adobe ColdFusion Arbitrary Code Execution Vulnerability (APSB23-41)

[731209](#) For Vulnerability CVE-2023-38203

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