



# Adobe ColdFusion Deserialization of Untrusted Data Vulnerability

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

## Summary

<b>CVE</b>	CVE-2023-29300
<b>State</b>	PUBLIC
<b>Assigner</b>	psirt@adobe.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2023-07-12 16:15:00 UTC
<b>Updated</b>	2024-01-09 02:00:00 UTC
<b>Description</b>	Adobe ColdFusion versions 2018u16 (and earlier), 2021u6 (and earlier) and 2023.0.0.330468 (and earlier) are affected by :

## Risk And Classification

**EPSS:** 0.936830000 probability, percentile 0.998500000 (date 2026-05-01)

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

**Problem Types:** CWE-502

## CISA Known Exploited Vulnerability

<b>Vendor</b>	Adobe
<b>Product</b>	ColdFusion
<b>Name</b>	Adobe ColdFusion Deserialization of Untrusted Data Vulnerability
<b>Required Action</b>	Apply mitigations per vendor instructions or discontinue use of the product if mitigations are unavailable.
<b>Notes</b>	<a href="https://helpx.adobe.com/security/products/coldfusion/apsb23-40.html">https://helpx.adobe.com/security/products/coldfusion/apsb23-40.html</a> ; <a href="https://nvd.nist.gov/vuln/detail/CVE-2023-29300">https://nvd.nist.gov/vuln/detail/CVE-2023-29300</a>

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	<a href="#">Adobe</a>	<a href="#">Coldfusion</a>	2018	-	All	All
Application	<a href="#">Adobe</a>	<a href="#">Coldfusion</a>	2018	update1	All	All
Application	<a href="#">Adobe</a>	<a href="#">Coldfusion</a>	2018	update10	All	All
Application	<a href="#">Adobe</a>	<a href="#">Coldfusion</a>	2018	update11	All	All
Application	<a href="#">Adobe</a>	<a href="#">Coldfusion</a>	2018	update12	All	All
Application	<a href="#">Adobe</a>	<a href="#">Coldfusion</a>	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	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	All	All	All	All

## References

Reference	Source	Link	Tags
Adobe Security Bulletin	MISC	<a href="https://helpx.adobe.com">helpx.adobe.com</a>	
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>	canonical, analysis
CISA Known Exploited Vulnerabilities catalog	CISA	<a href="https://www.cisa.gov">www.cisa.gov</a>	kev

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

[378663](#) Adobe ColdFusion Multiple Vulnerabilities (APSB23-40)

[730842](#) Adobe ColdFusion Unauthenticated Remote Code Execution (RCE) Vulnerability (APSB23-40) (Unauthenticated Check)

consequences of his or her direct or indirect use of this web site. ALL WARRANTIES OF ANY KIND ARE EXPRESSLY DISCLAIMED. This site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE, CWE, and OVAL are registered trademarks of [The MITRE Corporation](#) and the authoritative source of CVE content is [MITRE's CVE web site](#). This site includes MITRE data granted under the following [license](#).

**Free CVE JSON API** [cve.report/api](https://cve.report/api)

**CVE.report and Source URL Uptime Status** [status.cve.report](https://status.cve.report)