

CVE-2023-21608

Adobe Acrobat and Reader Use-After-Free Vulnerability

CISA KEV since Oct 10, 2023

Actively exploited

Adobe Acrobat Reader versions 22.003.20282 (and earlier), 22.003.20281 (and earlier) and 20.005.30418 (and earlier) are affected by a Use After Free vulnerability that could result in arbitrary code execution in the context of the current user. Exploitation of this issue requires user interaction in that a victim must open a malicious file.

EVRS 75/₁₀₀ Urgent priority	CVSS V3.1 7.8 High · NVD	EPSS 0.594 99.12nd percentile · FIRST	CISA DEADLINE Oct 31, 2023 KEV since 2023 · listed over a year
---	--	---	--

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	On the CISA KEV catalog for over two years
☒ EPSS	0.594 probability	☐ Pre-patch disclosure	Disclosure status unavailable
☒ CVSS	Base score 7.8	☐ Microsoft Exploitability Index	Not a Microsoft CVE

Remediation

Patch This Cycle Patch or fixed version identified

CISA required action: Apply mitigations per vendor instructions or discontinue use of the product if mitigations are unavailable.
Basis: CISA KEV required action

Affected and fixed versions

PACKAGE	AFFECTED	FIXED IN	SOURCE
acrobat dc	≥ 15.008.20082 ≤ 22.003.20282 ≥ 15.008.20082 ≤ 22.003.20281	after 22.003.20282 · after 22.003.20281	NVD
acrobat reader dc	≥ 15.008.20082 ≤ 22.003.20282 ≥ 15.008.20082 ≤ 22.003.20281	after 22.003.20282 · after 22.003.20281	NVD
acrobat	≥ 20.001.30005 ≤ 20.005.30418	after 20.005.30418	NVD
acrobat reader	≥ 20.001.30005 ≤ 20.005.30418	after 20.005.30418	NVD
windows	—	no fixed version listed	NVD
macos	—	no fixed version listed	NVD

Sources

Vendor guidance github.com/advisories/GHSA-w7q6-mhgp-7c2h

NVD nvd.nist.gov/vuln/detail/CVE-2023-21608

ENISA EUVD euvd.enisa.europa.eu/vulnerability/EUVD-2023-25775

Additional guidance helpx.adobe.com/security/products/acrobat/apsb23-01.html

CISA KEV cisa.gov/known-exploited-vulnerabilities-catalog

Current data evulnable.com/vulnerability-management/cve/CVE-2023-21608

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