



CVE-2014-0502

- MITRE
- NVD
- CVE.ORG
- JSON API
- Print: PDF

Summary

CVE	CVE-2014-0502
State	PUBLISHED
Assigner	adobe
Source Priority	CVE Program / NVD first with legacy fallback
Published	2014-02-21 05:07:00 UTC
Updated	2026-04-21 21:11:58 UTC
Description	Double free vulnerability in Adobe Flash Player before 11.7.700.269 and 11.8.x through 12.0.x before 12.0.0.70 on Window

Risk And Classification

Primary CVSS: v3.1 8.8 HIGH from nvd@nist.gov

CVSS:3.1/AV:N/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H

EPSS: 0.906340000 probability, percentile 0.996270000 (date 2026-05-12)

CISA KEV: Listed on 2024-09-17; due 2024-10-08; ransomware use Unknown

Problem Types: CWE-415 | n/a | CWE-415 CWE-415 Double Free

Version	Source	Type	Score	Severity	Vector
3.1	nvd@nist.gov	Primary	8.8	HIGH	CVSS:3.1/AV:N/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H
3.1	ADP	DECLARED	8.8	HIGH	CVSS:3.1/AV:N/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H
3.1	134c704f-9b21-4f2e-91b3-4a467353bcc0	Secondary	8.8	HIGH	CVSS:3.1/AV:N/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H
2.0	nvd@nist.gov	Primary	10		AV:N/AC:L/Au:N/C:C/I:C/A:C

CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

Required

Scope

Unchanged

Unchanged

Confidentiality

High

Integrity

High

Availability

High

CVSS:3.1/AV:N/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H

CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Low

Authentication

None

Confidentiality

Complete

Integrity

Complete

Availability

Complete

AV:N/AC:L/Au:N/C:C/I:C/A:C

CISA Known Exploited Vulnerability

Vendor	Adobe
Product	Flash Player
Name	Adobe Flash Player Double Free Vulnerability
Required Action	The impacted product is end-of-life (EoL) and/or end-of-service (EoS). Users should discontinue utilization of the product.
Notes	https://www.adobe.com/products/flashplayer/end-of-life-alternative.html#eol-alternative-faq ; https://nvd.nist.gov/vuln/detail/CVE-2014-0502

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Adobe	Flash Player	All	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Na	N/a	affected n/a	Not specified

ADP	Adobe	Flash Player	affected 11.7.700.269 custom	Not specified
ADP	Adobe	Flash Player	affected 11.8.0 12.0.0.70 custom	Not specified
ADP	Adobe	Flash Player	affected 11.7.700.269 custom	Not specified
ADP	Adobe	Flash Player	affected 11.8.0 12.0.0.70 custom	Not specified
ADP	Adobe	Air	affected 4.0.0.1628 custom	Not specified
ADP	Adobe	Air Sdk	affected 4.0.0.1628 custom	Not specified

References		
Reference	Source	Link
Volatility Labs: Building a Decoder for the CVE-2014-0502 Shellcode	af854a3a-2127-422b-91ae-364da2661108	volatility-lab
Analysis of an attack exploiting the Adobe Zero-day - CVE-2014-0502 AlienVault	af854a3a-2127-422b-91ae-364da2661108	www.alienvault.com
Gentoo Linux Documentation -- Adobe Flash Player: Multiple vulnerabilities	af854a3a-2127-422b-91ae-364da2661108	security.gentoo.org
[security-announce] openSUSE-SU-2014:0277-1: critical: flash-player: upd	af854a3a-2127-422b-91ae-364da2661108	lists.opensuse.org
[security-announce] SUSE-SU-2014:0290-1: critical: Security update for f	af854a3a-2127-422b-91ae-364da2661108	lists.opensuse.org
www.cisa.gov/known-exploited-vulnerabilities-catalog	134c704f-9b21-4f2e-91b3-4a467353bcc0	www.cisa.gov
[security-announce] openSUSE-SU-2014:0278-1: critical: flash-player: upd	af854a3a-2127-422b-91ae-364da2661108	lists.opensuse.org
Red Hat Customer Portal	af854a3a-2127-422b-91ae-364da2661108	rhn.redhat.com
Adobe Security Bulletin	af854a3a-2127-422b-91ae-364da2661108	helpx.adobe.com
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov
CISA Known Exploited Vulnerabilities catalog	CISA	www.cisa.gov

No vendor comments have been submitted for this CVE.

Additional Advisory Data		
Source	Time	Event
ADP	2024-09-17T00:00:00.000Z	CVE-2014-0502 added to CISA KEV

There are currently no legacy QID mappings associated with this CVE.

