CVE-2010-2883

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

Summary

CVE	CVE-2010-2883
State	PUBLISHED
Assigner	adobe
Source Priority	CVE Program / NVD first with legacy fallback
Published	2010-09-09 22:00:02 UTC
Updated	2026-04-21 20:31:14 UTC
Description	Stack-based buffer overflow in CoolType.dll in Adobe Reader and Acrobat 9.x before 9.4, and 8.x before 8.2.5 on Windows

Risk And Classification

Primary CVSS: v3.1 7.3 HIGH from nvd@nist.gov

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

EPSS: 0.931930000 probability, percentile 0.998040000 (date 2026-05-11)

CISA KEV: Listed on 2022-06-08; due 2022-06-22; ransomware use Unknown

Problem Types: CWE-787 | n/a | CWE-787 CWE-787 Out-of-bounds Write

Version	Source	Type	Score	Severity	Vector
3.1	nvd@nist.gov	Primary	7.3	HIGH	CVSS:3.1/AV:L/AC:L/PR:L/UI:R/S:U/C:H/I:H/A:H
3.1	ADP	DECLARED	7.3	HIGH	CVSS:3.1/AV:L/AC:L/PR:L/UI:R/S:U/C:H/I:H/A:H
3.1	134c704f-9b21-4f2e-91b3-4a467353bcc0	Secondary	7.3	HIGH	CVSS:3.1/AV:L/AC:L/PR:L/UI:R/S:U/C:H/I:H/A:H
2.0	nvd@nist.gov	Primary	9.3		AV:N/AC:M/Au:N/C:C/I:C/A:C

CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

Low

User Interaction

Required

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

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

CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Medium

Authentication

None

Confidentiality

Complete

Integrity

Complete

Availability

Complete

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

CISA Known Exploited Vulnerability

Vendor	Adobe
Product	Acrobat and Reader
Name	Adobe Acrobat and Reader Stack-Based Buffer Overflow Vulnerability
Required Action	Apply updates per vendor instructions.
Notes	https://nvd.nist.gov/vuln/detail/CVE-2010-2883

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Adobe	Acrobat	All	All	All	All

Vendor Declared Affected Products

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

References

Reference	Source
404 Not Found	af854a3a-2127-422b
IBM X-Force Exchange	af854a3a-2127-422b
Webmail : Solution de messagerie professionnelle - OVHcloud- OVH	af854a3a-2127-422b
Gentoo Linux Documentation -- Adobe Reader: Multiple vulnerabilities	af854a3a-2127-422b
US-CERT Vulnerability Note VU#491991	af854a3a-2127-422b
Webmail : Solution de messagerie professionnelle - OVHcloud- OVH	af854a3a-2127-422b
[security-announce] SUSE Security Summary Report: SUSE-SR:2010:019	af854a3a-2127-422b
Adobe - Security Bulletins: Security Bulletin APSB10-21 - Security Updates Available for Adobe Reader and Acrobat	af854a3a-2127-422b
Support	af854a3a-2127-422b
Adobe - Security Advisories: APSA10-02 - Security Advisory for Adobe Reader and Acrobat	af854a3a-2127-422b
Brief Analysis On Adobe Reader SING Table Parsing Vulnerability (CVE-2010-2883) - Security Labs	af854a3a-2127-422b
Metasploit: Return of the Unpublished Adobe Vulnerability	af854a3a-2127-422b
US-CERT Technical Cyber Security Alert TA10-279A -- Adobe Reader and Acrobat Affected by Multiple Vulnerabilities	af854a3a-2127-422b
Gentoo update for acroread - Advisories - Community	af854a3a-2127-422b
www.cisa.gov/known-exploited-vulnerabilities-catalog	134c704f-9b21-4f2e-
[security-announce] SUSE Security Announcement: acroread (SUSE-SA:2010:0	af854a3a-2127-422b
Repository / Oval Repository	af854a3a-2127-422b
Webmail : Solution de messagerie professionnelle - OVHcloud- OVH	af854a3a-2127-422b
Adobe Reader / Acrobat SING "uniqueName" Buffer Overflow Vulnerability - Advisories - Community	af854a3a-2127-422b
Adobe Reader 'CoolType.dll' TTF Font Remote Code Execution Vulnerability	af854a3a-2127-422b
CVE Program record	CVE.ORG
NVD vulnerability detail	NVD
CISA Known Exploited Vulnerabilities catalog	CISA

No vendor comments have been submitted for this CVE.

Additional Advisory Data

Source	Time	Event
ADP	2022-06-08T00:00:00.000Z	CVE-2010-2883 added to CISA KEV

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

Free CVE JSON API cve.report/api

CVE.report and Source URL Uptime Status status.cve.report