CVE-2015-2502

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

Summary

CVE	CVE-2015-2502
State	PUBLISHED
Assigner	microsoft
Source Priority	CVE Program / NVD first with legacy fallback
Published	2015-08-19 10:59:00 UTC
Updated	2026-04-22 16:43:37 UTC
Description	Microsoft Internet Explorer 7 through 11 allows remote attackers to execute arbitrary code or cause a denial of service (mer

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: 0.217410000 probability, percentile 0.958000000 (date 2026-05-13)

CISA KEV: Listed on 2022-04-13; due 2022-05-04; 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	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	9.3		AV:N/AC:M/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

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

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	Microsoft
Product	Internet Explorer
Name	Microsoft Internet Explorer Memory Corruption Vulnerability
Required Action	Apply updates per vendor instructions.
Notes	https://nvd.nist.gov/vuln/detail/CVE-2015-2502

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Microsoft	Internet Explorer	7	All	All	All
Application	Microsoft	Internet Explorer	8	All	All	All
Operating System	Microsoft	Windows 7	-	sp1	All	All
Operating System	Microsoft	Windows Server 2008	-	sp2	All	All
Operating System	Microsoft	Windows Vista	-	sp2	All	All

Vendor Declared Affected Products

Vendor Declared Affected Products

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

References

Reference
Microsoft Security Bulletin MS15-093 - Critical | Microsoft Docs
www.cisa.gov/known-exploited-vulnerabilities-catalog
Greg Linares na Twitterze: "#MS15093 checks for 0x70 in objects and fixes a bypassed call to CTable::GetAncestorTableOfTablePart #CVE2(
Microsoft Internet Explorer Object Access Flaw Lets Remote Users Execute Arbitrary Code - SecurityTracker
Microsoft Issues Emergency Patch for Critical IE Flaw Exploited in the Wild | SecurityWeek.Com
Malformed Request
Greg Linares sa Twitter: "#MS15093 looks to be a #uaf due to a mistake in CMarkup::ReparentTableSection #patch #CVE20152502 #InfoSec
CVE Program record
NVD vulnerability detail
CISA Known Exploited Vulnerabilities catalog

No vendor comments have been submitted for this CVE.

Additional Advisory Data

Source	Time	Event
ADP	2022-04-13T00:00:00.000Z	CVE-2015-2502 added to CISA KEV

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