



CVE-2017-0222

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

Summary

CVE	CVE-2017-0222
State	PUBLISHED
Assigner	microsoft
Source Priority	CVE Program / NVD first with legacy fallback
Published	2017-05-12 14:29:02 UTC
Updated	2026-04-22 13:50:45 UTC
Description	A remote code execution vulnerability exists when Internet Explorer improperly accesses objects in memory, aka "Internet E

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: 0.619820000 probability, percentile 0.983480000 (date 2026-04-21)

CISA KEV: Listed on 2022-02-25; due 2022-08-25; ransomware use Unknown

Problem Types: CWE-787 | Remote Code Execution | 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	7.6		AV:N/AC:H/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

High

Authentication

None

Confidentiality

Complete

Integrity

Complete

Availability

Complete

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

CISA Known Exploited Vulnerability

Vendor	Microsoft
Product	Internet Explorer
Name	Microsoft Internet Explorer Remote Code Execution Vulnerability
Required Action	Apply updates per vendor instructions.
Notes	https://nvd.nist.gov/vuln/detail/CVE-2017-0222

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Microsoft	Internet Explorer	11	-	All	All
Application	Microsoft	Internet Explorer	9	All	All	All
Operating System	Microsoft	Windows 10 1507	-	All	All	All
Operating System	Microsoft	Windows 10 1511	-	All	All	All
Operating System	Microsoft	Windows 10 1607	-	All	All	All

Operating System	Microsoft	Windows 10 1703	-	All	All	All
Operating System	Microsoft	Windows 7	-	sp1	All	All
Operating System	Microsoft	Windows 8.1	-	All	All	All
Operating System	Microsoft	Windows Rt 8.1	-	All	All	All
Operating System	Microsoft	Windows Server 2008	-	sp2	All	All
Operating System	Microsoft	Windows Server 2008	r2	sp1	All	All
Operating System	Microsoft	Windows Server 2012	-	All	All	All
Operating System	Microsoft	Windows Server 2012	r2	All	All	All
Operating System	Microsoft	Windows Server 2016	-	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version
CNA	Microsoft Corporation	Internet Explorer	affected Windows Server 2008 for 32-bit Systems Service Pack 2, Windows Server 2008

References

Reference	Source
Microsoft Internet Explorer CVE-2017-0222 Remote Memory Corruption Vulnerability	af854a3a-2127-422b
Microsoft Internet Explorer Object Memory Access Flaw Lets Remote Users Execute Arbitrary Code - SecurityTracker	af854a3a-2127-422b
www.cisa.gov/known-exploited-vulnerabilities-catalog	134c704f-9b21-4f2e-
portal.msrc.microsoft.com/en-US/security-guidance/advisory/CVE-2017-0222	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	2022-02-25T00:00:00.000Z	CVE-2017-0222 added to CISA KEV

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

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