CVE-2016-0189

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

Summary

CVE	CVE-2016-0189
State	PUBLISHED
Assigner	microsoft
Source Priority	CVE Program / NVD first with legacy fallback
Published	2016-05-11 01:59:30 UTC
Updated	2026-04-22 16:31:49 UTC
Description	The Microsoft (1) JScript 5.8 and (2) VBScript 5.7 and 5.8 engines, as used in Internet Explorer 9 through 11 and other proc

Risk And Classification

Primary CVSS: v3.1 7.5 HIGH from nvd@nist.gov

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

EPSS: 0.907800000 probability, percentile 0.996340000 (date 2026-05-10)

CISA KEV: Listed on 2022-03-28; due 2022-04-18; 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	7.5	HIGH	CVSS:3.1/AV:N/AC:H/PR:N/UI:R/S:U/C:H/I:H/A:H
3.1	ADP	DECLARED	7.5	HIGH	CVSS:3.1/AV:N/AC:H/PR:N/UI:R/S:U/C:H/I:H/A:H
3.1	134c704f-9b21-4f2e-91b3-4a467353bcc0	Secondary	7.5	HIGH	CVSS:3.1/AV:N/AC:H/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

High

Privileges Required

None

User Interaction

Required

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

CVSS:3.1/AV:N/AC:H/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 Memory Corruption Vulnerability
Required Action	Apply updates per vendor instructions.
Notes	https://nvd.nist.gov/vuln/detail/CVE-2016-0189

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Microsoft	Jscript	5.8	All	All	All
Application	Microsoft	Vbscript	5.7	All	All	All
Application	Microsoft	Vbscript	5.8	All	All	All
Operating System	Microsoft	Windows Server 2008	r2	sp1	All	All

Vendor Declared Affected Products

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

References

Reference
www.cisa.gov/known-exploited-vulnerabilities-catalog
Microsoft Security Bulletin MS16-053 - Critical | Microsoft Docs
Microsoft Internet Explorer Multiple Flaws Let Remote Users Bypass Code-Signing Validation, View Arbitrary Files, and Execute Arbitrary Cod
Microsoft Security Bulletin MS16-051 - Critical | Microsoft Docs
Virus Bulletin :: The journey and evolution of God Mode in 2016: CVE-2016-0189
Microsoft Internet Explorer CVE-2016-0189 Scripting Engine Remote Memory Corruption Vulnerability
Microsoft Internet Explorer 11 (Windows 10) - VBScript Memory Corruption (MS16-051) - Windows local Exploit
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	2022-03-28T00:00:00.000Z	CVE-2016-0189 added to CISA KEV

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