CVE-2017-8570

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

Summary

CVE	CVE-2017-8570
State	PUBLISHED
Assigner	microsoft
Source Priority	CVE Program / NVD first with legacy fallback
Published	2017-07-11 21:29:01 UTC
Updated	2026-04-22 13:48:23 UTC
Description	Microsoft Office allows a remote code execution vulnerability due to the way that it handles objects in memory, aka "Microso

Risk And Classification

Primary CVSS: v3.1 7.8 HIGH from nvd@nist.gov

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

EPSS: 0.942160000 probability, percentile 0.999260000 (date 2026-04-26)

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

Problem Types: NVD-CWE-noinfo | Remote Code Execution | CWE-noinfo Not enough information

Version	Source	Type	Score	Severity	Vector
3.1	nvd@nist.gov	Primary	7.8	HIGH	CVSS:3.1/AV:L/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H
3.1	ADP	DECLARED	7.8	HIGH	CVSS:3.1/AV:L/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H
3.1	134c704f-9b21-4f2e-91b3-4a467353bcc0	Secondary	7.8	HIGH	CVSS:3.1/AV:L/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

Local

Attack Complexity

Low

Privileges Required

None

User Interaction

Required

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

CVSS:3.1/AV:L/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	Office
Name	Microsoft Office Remote Code Execution Vulnerability
Required Action	Apply updates per vendor instructions.
Notes	https://nvd.nist.gov/vuln/detail/CVE-2017-8570

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Microsoft	Office	2007	sp3	All	All
Application	Microsoft	Office	2010	sp2	All	All
Application	Microsoft	Office	2013	sp1	All	All
Application	Microsoft	Office	2013	sp1	All	All
Application	Microsoft	Office	2016	All	All	All

Application	Microsoft	Office	2016	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product
CNA	Microsoft Corporation	Microsoft Office 2007 SP3 Microsoft Office 2010 SP2 Microsoft Office 2013 SP1 And Microsoft Office 2016.

References

Reference	Source	Link
GitHub - tezukanice/Office8570: CVE20178570	af854a3a-2127-422b-91ae-364da2661108	github.com
GitHub - rxwx/CVE-2017-8570: Proof of Concept exploit for CVE-2017-8570	af854a3a-2127-422b-91ae-364da2661108	github.com
www.cisa.gov/known-exploited-vulnerabilities-catalog	134c704f-9b21-4f2e-91b3-4a467353bcc0	www.cisa.gov
{{windowTitle}}	af854a3a-2127-422b-91ae-364da2661108	portal.msrc.micros
Microsoft Office CVE-2017-8570 Remote Code Execution Vulnerability	af854a3a-2127-422b-91ae-364da2661108	www.securityfocu
GitHub - ParsingTeam/ppsx-file-generator: CVE-2017-8570 Exploit	af854a3a-2127-422b-91ae-364da2661108	github.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	2022-02-25T00:00:00.000Z	CVE-2017-8570 added to CISA KEV

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