CVE-2015-2291

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

Summary

CVE	CVE-2015-2291
State	PUBLISHED
Assigner	mitre
Source Priority	CVE Program / NVD first with legacy fallback
Published	2017-08-09 18:29:00 UTC
Updated	2026-04-22 13:48:27 UTC
Description	(1) IQVW32.sys before 1.3.1.0 and (2) IQVW64.sys before 1.3.1.0 in the Intel Ethernet diagnostics driver for Windows allow

Risk And Classification

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

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

EPSS: 0.046800000 probability, percentile 0.894430000 (date 2026-05-18)

CISA KEV: Listed on 2023-02-10; due 2023-03-03; ransomware use Known

Problem Types: CWE-20 | n/a | CWE-20 CWE-20 Improper Input Validation

Version	Source	Type	Score	Severity	Vector
3.1	nvd@nist.gov	Primary	7.8	HIGH	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H
3.1	ADP	DECLARED	7.8	HIGH	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/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:L/UI:N/S:U/C:H/I:H/A:H
2.0	nvd@nist.gov	Primary	7.2		AV:L/AC:L/Au:N/C:C/I:C/A:C

CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

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

CVSS v2.0 Breakdown

Access Vector

Local

Access Complexity

Low

Authentication

None

Confidentiality

Complete

Integrity

Complete

Availability

Complete

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

CISA Known Exploited Vulnerability

Vendor	Intel
Product	Ethernet Diagnostics Driver for Windows
Name	Intel Ethernet Diagnostics Driver for Windows Denial-of-Service Vulnerability
Required Action	Apply updates per vendor instructions.
Notes	https://www.intel.com/content/www/us/en/security-center/advisory/intel-sa-00051.html; https://nvd.nist.gov/vuln/detail/CVE-2015-2291

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Intel	Ethernet Diagnostics Driver Iqvw32.sys	1.03.0.7	All	All	All
Application	Intel	Ethernet Diagnostics Driver Iqvw64.sys	1.03.0.7	All	All	All
Operating System	Microsoft	Windows	-	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms

CNA	Na	N/a	affected n/a	Not specified

References

Reference	Source
Security Center	af854a3a-2127-422b-91ae-364da266
www.cisa.gov/known-exploited-vulnerabilities-catalog	134c704f-9b21-4f2e-91b3-4a467353b
Intel Network Adapter Diagnostic Driver IOCTL DoS ≈ Packet Storm	af854a3a-2127-422b-91ae-364da266
Intel Network Adapter Diagnostic Driver - IOCTL Handling Vulnerability	af854a3a-2127-422b-91ae-364da266
Intel Network Adapter Diagnostic Driver CVE-2015-2291 Multiple Local Buffer Overflow Vulnerabilities	af854a3a-2127-422b-91ae-364da266
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	2023-02-10T00:00:00.000Z	CVE-2015-2291 added to CISA KEV

Legacy QID Mappings

92074 Intel Ethernet Diagnostics Driver for Windows Denial-of-Service (DoS) Vulnerability