



# Loop with Unreachable Exit Condition ('Infinite Loop') in Wireshark

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

## Summary

<b>CVE</b>	CVE-2026-6523
<b>State</b>	PUBLISHED
<b>Assigner</b>	GitLab
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2026-04-30 07:16:39 UTC
<b>Updated</b>	2026-04-30 07:16:39 UTC
<b>Description</b>	GNW protocol dissector infinite loop in Wireshark 4.6.0 to 4.6.4 and 4.4.0 to 4.4.14 allows denial of service

## Risk And Classification

**Primary CVSS:** v3.1 5.5 MEDIUM from cve@gitlab.com

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

**Problem Types:** CWE-835 | CWE-835 CWE-835: Loop with Unreachable Exit Condition ('Infinite Loop')

Version	Source	Type	Score	Severity	Vector
3.1	cve@gitlab.com	Secondary	5.5	MEDIUM	CVSS:3.1/AV:L/AC:L/PR:N/UI:R/S:U/C:N/I:N/A:H
3.1	CNA	CVSS	5.5	MEDIUM	CVSS:3.1/AV:L/AC:L/PR:N/UI:R/S:U/C:N/I:N/A:H

## CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

None

User Interaction

Required

Scope

Unchanged

Confidentiality

None

Integrity

None

Availability

High

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

#### Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	<a href="#">Wireshark Foundation</a>	<a href="#">Wireshark</a>	affected 4.6.0 4.6.5 semver	Not specified
CNA	<a href="#">Wireshark Foundation</a>	<a href="#">Wireshark</a>	affected 4.4.0 4.4.15 semver	Not specified

#### References

Reference	Source	Link	Tags
<a href="https://gitlab.com/wireshark/wireshark/-/work_items/21177">gitlab.com/wireshark/wireshark/-/work_items/21177</a>	<a href="mailto:cve@gitlab.com">cve@gitlab.com</a>	<a href="https://gitlab.com">gitlab.com</a>	
<a href="https://www.wireshark.org/security/wnpa-sec-2026-38.html">www.wireshark.org/security/wnpa-sec-2026-38.html</a>	<a href="mailto:cve@gitlab.com">cve@gitlab.com</a>	<a href="https://www.wireshark.org">www.wireshark.org</a>	
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>	canonical, analysis

#### Vendor Comments And Credit

Discovery Credit

**CNA:** Sharon Brizinov (en)

#### Additional Advisory Data

Solutions

**CNA:** Upgrade to version 4.6.5 or above

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

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