



# Gzip Decompression Bomb via Content-Encoding Header

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

## Summary

<b>CVE</b>	CVE-2026-5438
<b>State</b>	PUBLISHED
<b>Assigner</b>	certcc
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2026-04-09 15:16:15 UTC
<b>Updated</b>	2026-04-14 17:16:53 UTC
<b>Description</b>	A gzip decompression bomb vulnerability exists when Orthanc processes HTTP request with `Content-Encoding: gzip`. The

## Risk And Classification

**Primary CVSS:** v3.1 7.5 HIGH from ADP

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

**EPSS:** 0.000170000 probability, percentile 0.038940000 (date 2026-04-14)

**Problem Types:** CWE-770 Allocation of Resources Without Limits or Throttling

Version	Source	Type	Score	Severity	Vector
3.1	ADP	DECLARED	7.5	HIGH	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:H
3.1	134c704f-9b21-4f2e-91b3-4a467353bcc0	Secondary	7.5	HIGH	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:H

## CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

None

Integrity

None

Availability

High

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

#### Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	<a href="#">Orthanc</a>	<a href="#">DICOM Server</a>	affected 1.12.10 custom	Not specified

#### References

Reference	Source	Link	Tags
<a href="https://kb.cert.org/vuls/id/536588">kb.cert.org/vuls/id/536588</a>	<a href="mailto:cret@cert.org">cret@cert.org</a>	<a href="https://kb.cert.org">kb.cert.org</a>	
<a href="https://www.orthanc-server.com">www.orthanc-server.com</a>	<a href="mailto:cret@cert.org">cret@cert.org</a>	<a href="https://www.orthanc-server.com">www.orthanc-server.com</a>	
<a href="https://www.machinespirits.de">www.machinespirits.de</a>	<a href="mailto:cret@cert.org">cret@cert.org</a>	<a href="https://www.machinespirits.de">www.machinespirits.de</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

No vendor comments have been submitted for this CVE.

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

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