



Gdk-pixbuf: gdk-pixbuf: denial of service via heap-based buffer overflow when processing a specially crafted jpeg image

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Summary

CVE	CVE-2026-5201
State	PUBLISHED
Assigner	redhat
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-03-31 09:16:23 UTC
Updated	2026-04-01 14:24:02 UTC
Description	A flaw was found in the gdk-pixbuf library. This heap-based buffer overflow vulnerability occurs in the JPEG image loader d

Risk And Classification

Primary CVSS: v3.1 7.5 HIGH from secalert@redhat.com

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

EPSS: 0.000890000 probability, percentile 0.254410000 (date 2026-04-01)

Problem Types: CWE-122 | CWE-122 Heap-based Buffer Overflow

Version	Source	Type	Score	Severity	Vector
3.1	secalert@redhat.com	Primary	7.5	HIGH	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:H
3.1	CNA	CVSS	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	Red Hat	Red Hat Enterprise Linux 10	Not specified	Not specified
CNA	Red Hat	Red Hat Enterprise Linux 10	Not specified	Not specified
CNA	Red Hat	Red Hat Enterprise Linux 10	Not specified	Not specified
CNA	Red Hat	Red Hat Enterprise Linux 10	Not specified	Not specified
CNA	Red Hat	Red Hat Enterprise Linux 10	Not specified	Not specified
CNA	Red Hat	Red Hat Enterprise Linux 6	Not specified	Not specified
CNA	Red Hat	Red Hat Enterprise Linux 7	Not specified	Not specified
CNA	Red Hat	Red Hat Enterprise Linux 8	Not specified	Not specified
CNA	Red Hat	Red Hat Enterprise Linux 9	Not specified	Not specified
CNA	Red Hat	Red Hat Enterprise Linux 9	Not specified	Not specified

References

Reference	Source	Link	Tags
bugzilla.redhat.com/show_bug.cgi	secalert@redhat.com	bugzilla.redhat.com	
access.redhat.com/security/cve/CVE-2026-5201	secalert@redhat.com	access.redhat.com	
gitlab.gnome.org/GNOME/gdk-pixbuf/-/issues/304	secalert@redhat.com	gitlab.gnome.org	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis

Vendor Comments And Credit

Discovery Credit

CNA: Red Hat would like to thank Kağan Çapar for reporting this issue. (en)

Additional Advisory Data

Source	Time	Event
CNA	2026-03-31T07:17:23.696Z	Reported to Red Hat.
CNA	2026-03-31T00:00:00.000Z	Made public.

Workarounds

CNA: To reduce the risk of exploitation, avoid opening or processing untrusted JPEG image files. This operational control helps prevent the automatic triggering of the vulnerability, for example, during thumbnail generation, which could otherwise lead to application instability.

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

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