



# CVE-2008-0554

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

## Summary

|                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CVE             | CVE-2008-0554                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| State           | PUBLISHED                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Assigner        | redhat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Source Priority | CVE Program / NVD first with legacy fallback                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Published       | 2008-02-08 02:00:00 UTC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Updated         | 2026-04-23 00:35:47 UTC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Description     | Buffer overflow in the readImageData function in giftnpm.c in netpbm before 10.27 in netpbm before 10.27 allows remote users to execute arbitrary code via a crafted GIF image. The vulnerability exists because the readImageData function does not properly validate the length of the image data, leading to a buffer overflow. This can be exploited by sending a specially crafted GIF image to the application, which will then execute arbitrary code. The vulnerability is present in versions of netpbm prior to 10.27. |

## Risk And Classification

**Primary CVSS:** v2.0 6.8 from nvd@nist.gov

AV:N/AC:M/Au:N/C:P/I:P/A:P

**Problem Types:** CWE-119 | n/a

## CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Medium

Authentication

None

Confidentiality

Partial

Integrity

Partial

Availability

Partial

AV:N/AC:M/Au:N/C:P/I:P/A:P

## NVD Known Affected Configurations (CPE 2.3)

| Type        | Vendor | Product | Version | Update | Edition | Language |
|-------------|--------|---------|---------|--------|---------|----------|
| Application | Netpbm | Netpbm  | All     | All    | All     | All      |

| Vendor Declared Affected Products                                                                                     |        |         |              |                 |
|-----------------------------------------------------------------------------------------------------------------------|--------|---------|--------------|-----------------|
| Source                                                                                                                | Vendor | Product | Version      | Platforms       |
| CNA                                                                                                                   | Na     | N/a     | affected n/a | Not specified   |
| References                                                                                                            |        |         |              |                 |
| Reference                                                                                                             |        |         |              | Source          |
| Red Hat update for netpbm - Advisories - Secunia                                                                      |        |         |              | af854a3a-2127-4 |
| Support                                                                                                               |        |         |              | af854a3a-2127-4 |
| Debian update for netpbm-free - Advisories - Secunia                                                                  |        |         |              | af854a3a-2127-4 |
| Debian -- Security Information -- DSA-1579-1 netpbm-free                                                              |        |         |              | af854a3a-2127-4 |
| USN-665-1: Netpbm vulnerability   Ubuntu                                                                              |        |         |              | af854a3a-2127-4 |
| Repository / Oval Repository                                                                                          |        |         |              | af854a3a-2127-4 |
| Netpbm Buffer Overflow in readImageData() in 'giftopnm' May Let Remote Users Execute Arbitrary Code - SecurityTracker |        |         |              | af854a3a-2127-4 |
| #464056 - CVE-2006-4484: buffer overflow in giftopnm - Debian Bug report logs                                         |        |         |              | af854a3a-2127-4 |
| Webmail : Solution de messagerie professionnelle - OVHcloud- OVH                                                      |        |         |              | af854a3a-2127-4 |
| issues.rpath.com/browse/RPL-2216                                                                                      |        |         |              | af854a3a-2127-4 |
| Netpbm GIFtoPNM Utility Buffer Overflow Vulnerability                                                                 |        |         |              | af854a3a-2127-4 |
| Ubuntu update for netpbm - Secunia.com                                                                                |        |         |              | af854a3a-2127-4 |
| Support / Security / Advisories // MDVSA-2008:039   Mandriva                                                          |        |         |              | af854a3a-2127-4 |
| CVE Program record                                                                                                    |        |         |              | CVE.ORG         |
| NVD vulnerability detail                                                                                              |        |         |              | NVD             |
| <div> <div></div> <div></div> </div>                                                                                  |        |         |              |                 |
| No vendor comments have been submitted for this CVE.                                                                  |        |         |              |                 |
| There are currently no legacy QID mappings associated with this CVE.                                                  |        |         |              |                 |