



CVE-2006-0481

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

Summary

| | |
|------------------------|---|
| CVE | CVE-2006-0481 |
| State | PUBLIC |
| Assigner | secalert@redhat.com |
| Source Priority | CVE Program / NVD first with legacy fallback |
| Published | 2006-01-31 18:03:00 UTC |
| Updated | 2017-10-11 01:30:00 UTC |
| Description | Heap-based buffer overflow in the alpha strip capability in libpng 1.2.7 allows context-dependent attackers to cause a denial of service. |

Risk And Classification

Problem Types: CWE-119

NVD Known Affected Configurations (CPE 2.3)

| Type | Vendor | Product | Version | Update | Edition | Language |
|-------------|------------------------------|------------------------|---------|--------|---------|----------|
| Application | Greg Roelofs | Libpng | 1.2.7 | All | All | All |
| Application | Greg Roelofs | Libpng | 1.2.7 | All | All | All |

References

| Reference | Source |
|---|----------|
| 179455 – CVE-2006-0481 libpng heap based buffer overflow | CONFIRM |
| SecurityTracker.com Archives - libpng Buffer Overflow in png_set_strip_alpha() Lets Users Deny Service | SECTRACK |
| Libpng Graphics Library PNG_Set_Stripe_Alpha Buffer Overflow Vulnerability | BID |
| rh.n.redhat.com Red Hat Support | REDHAT |
| Red Hat update for libpng - Advisories - Secunia | SECUNIA |
| ftp.simplesystems.org/pub/libpng/png/src/libpng-1.2.8-README.txt | CONFIRM |
| IBM X-Force Exchange | XF |
| libpng "png_set_strip_alpha()" Buffer Overflow Vulnerability - Advisories - Secunia | SECUNIA |
| Repository / Oval Repository | OVAL |
| SecurityTracker.com Archives - (Red Hat Issues Fix) libpng Buffer Overflow in png_set_strip_alpha() Lets Users Deny Service | SECTRACK |
| Webmail - OVH | VUPEN |
| Gentoo update for povray - Secunia Advisories - Vulnerability Intelligence - Secunia.com | SECUNIA |

| | |
|---|---------|
| POV-Ray: User-assisted execution of arbitrary code — Gentoo Linux Documentation | GENTOO |
| CVE Program record | CVE.ORG |
| NVD vulnerability detail | NVD |

No vendor comments have been submitted for this CVE.

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

© [CVE.report](#) 2026 |

Use of this information constitutes acceptance for use in an AS IS condition. There are NO warranties, implied or otherwise, with regard to this information or its use. Any use of this information is at the user's risk. It is the responsibility of user to evaluate the accuracy, completeness or usefulness of any information, opinion, advice or other content. EACH USER WILL BE SOLELY RESPONSIBLE FOR ANY consequences of his or her direct or indirect use of this web site. ALL WARRANTIES OF ANY KIND ARE EXPRESSLY DISCLAIMED. This site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE, CWE, and OVAL are registered trademarks of [The MITRE Corporation](#) and the authoritative source of CVE content is [MITRE's CVE web site](#). This site includes MITRE data granted under the following [license](#).

CVE.report and Source URL Uptime Status [status.cve.report](#)