



# CVE-2010-0001

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

## Summary

<b>CVE</b>	CVE-2010-0001
<b>State</b>	PUBLIC
<b>Assigner</b>	secalert@redhat.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2010-01-29 18:30:00 UTC
<b>Updated</b>	2023-02-13 02:20:00 UTC
<b>Description</b>	Integer underflow in the unlzv function in unlzv.c in gzip before 1.4 on 64-bit platforms, as used in ncompress and probably

## Risk And Classification

### Problem Types: CWE-189

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	<a href="#">Gnu</a>	<a href="#">Gzip</a>	1.2.4	All	All	All
Application	<a href="#">Gnu</a>	<a href="#">Gzip</a>	1.2.4a	All	All	All
Application	<a href="#">Gnu</a>	<a href="#">Gzip</a>	1.3	All	All	All
Application	<a href="#">Gnu</a>	<a href="#">Gzip</a>	1.3.1	All	All	All
Application	<a href="#">Gnu</a>	<a href="#">Gzip</a>	1.3.10	All	All	All
Application	<a href="#">Gnu</a>	<a href="#">Gzip</a>	1.3.11	All	All	All
Application	<a href="#">Gnu</a>	<a href="#">Gzip</a>	1.3.12	All	All	All
Application	<a href="#">Gnu</a>	<a href="#">Gzip</a>	1.3.2	All	All	All
Application	<a href="#">Gnu</a>	<a href="#">Gzip</a>	1.3.3	All	All	All
Application	<a href="#">Gnu</a>	<a href="#">Gzip</a>	1.3.4	All	All	All
Application	<a href="#">Gnu</a>	<a href="#">Gzip</a>	1.3.5	All	All	All
Application	<a href="#">Gnu</a>	<a href="#">Gzip</a>	1.3.6	All	All	All
Application	<a href="#">Gnu</a>	<a href="#">Gzip</a>	1.3.7	All	All	All
Application	<a href="#">Gnu</a>	<a href="#">Gzip</a>	1.3.8	All	All	All
Application	<a href="#">Gnu</a>	<a href="#">Gzip</a>	1.3.9	All	All	All
Application	<a href="#">Gnu</a>	<a href="#">Gzip</a>	1.2.4	All	All	All
Application	<a href="#">Gnu</a>	<a href="#">Gzip</a>	1.2.4a	All	All	All

Application	<a href="#">Gnu</a>	<a href="#">Gzip</a>	1.3	All	All	All
Application	<a href="#">Gnu</a>	<a href="#">Gzip</a>	1.3.1	All	All	All
Application	<a href="#">Gnu</a>	<a href="#">Gzip</a>	1.3.10	All	All	All
Application	<a href="#">Gnu</a>	<a href="#">Gzip</a>	1.3.11	All	All	All
Application	<a href="#">Gnu</a>	<a href="#">Gzip</a>	1.3.12	All	All	All
Application	<a href="#">Gnu</a>	<a href="#">Gzip</a>	1.3.2	All	All	All
Application	<a href="#">Gnu</a>	<a href="#">Gzip</a>	1.3.3	All	All	All
Application	<a href="#">Gnu</a>	<a href="#">Gzip</a>	1.3.4	All	All	All
Application	<a href="#">Gnu</a>	<a href="#">Gzip</a>	1.3.5	All	All	All
Application	<a href="#">Gnu</a>	<a href="#">Gzip</a>	1.3.6	All	All	All
Application	<a href="#">Gnu</a>	<a href="#">Gzip</a>	1.3.7	All	All	All
Application	<a href="#">Gnu</a>	<a href="#">Gzip</a>	1.3.8	All	All	All
Application	<a href="#">Gnu</a>	<a href="#">Gzip</a>	1.3.9	All	All	All
Application	<a href="#">Gnu</a>	<a href="#">Gzip</a>	All	All	All	All

## References

Reference	Source
<a href="#">Advisories   Mandriva</a>	MANDRIVA
<a href="#">GNU gzip "unlzw()" Integer Underflow Vulnerability - Advisories - Community</a>	SECURITY
<a href="#">Support / Security / Advisories // MDVSA-2011:152   Mandriva</a>	MANDRIVA
<a href="#">Debian -- Security Information -- DSA-2074-1 ncompress</a>	DEBIAN
<a href="#">SSRT100018</a>	HP
<a href="#">Red Hat update for gzip - Advisories - Community</a>	SECURITY
<a href="#">Gzip Integer Underflow in Processing LZW Compressed Archives May Let Remote Users Execute Arbitrary Code - SecurityTracker</a>	SECURITY
<a href="#">access.redhat.com   CVE-2010-0001</a>	MISC
<a href="#">APPLE-SA-2010-11-10-1 Mac OS X v10.6.5 and Security Update 2010-007</a>	APPLE
<a href="#">Debian update for ncompress - Advisories - Community</a>	SECURITY
<a href="#">Red Hat Customer Portal</a>	MISC
<a href="#">Webmail : Solution de messagerie professionnelle - OVHcloud- OVH</a>	VULNERABILITIES
<a href="#">Debian -- Security Information -- DSA-1974-1 gzip</a>	DEBIAN
<a href="#">Ubuntu update for gzip - Advisories - Community</a>	SECURITY
<a href="#">gzip.git - Unnamed repository; edit this file 'description' to name the repository.</a>	CONFIRMED
<a href="#">rhn.redhat.com   Red Hat Support</a>	REDHAT
<a href="#">HP Insight Control Suite For Linux Multiple Vulnerabilities - Advisories - Community</a>	SECURITY
<a href="#">554418 -- (CVE-2010-0001) CVE-2010-0001 gzip: (64 bit) Integer underflow by decompressing LZW format files</a>	CONFIRMED
<a href="#">Ubuntu 10.04 LTS (Lucid Lynx) Security Update: gzip</a>	UBUNTU

USN-889-1: gzip vulnerabilities   Ubuntu	UBUN I
Red Hat Customer Portal	REDHA
[security-announce] SUSE Security Announcement: acoread (SUSE-SA:2010:00	SUSE
61869	OSVDE
Debian update for gzip - Advisories - Community	SECUN
GNU gzip - News: gzip-1.4 released [stable/security] [Savannah]	CONFII
Webmail : Solution de messagerie professionnelle - OVHcloud- OVH	VUPEN
Webmail : Solution de messagerie professionnelle - OVHcloud- OVH	VUPEN
Security Alerts - Secunia	SECUN
ncompress: a public domain project	CONFII
Repository / Oval Repository	OVAL
Juniper Networks - 2015-10 Security Bulletin: CTPView: Multiple Vulnerabilities in CTPView	CONFII
Repository / Oval Repository	OVAL
About the security content of Mac OS X v10.6.5 and Security Update 2010-007	CONFII
Advisories   Mandriva	MANDF
CVE Program record	CVE.OI
NVD vulnerability detail	NVD

No vendor comments have been submitted for this CVE.

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

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