



# CVE-2012-1163

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

## Summary

|                 |                                                                                                                                  |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------|
| CVE             | CVE-2012-1163                                                                                                                    |
| State           | PUBLISHED                                                                                                                        |
| Assigner        | redhat                                                                                                                           |
| Source Priority | CVE Program / NVD first with legacy fallback                                                                                     |
| Published       | 2012-07-12 20:55:15 UTC                                                                                                          |
| Updated         | 2026-04-29 01:13:23 UTC                                                                                                          |
| Description     | Integer overflow in the _zip_readcdirdir function in zip_open.c in libzip 0.10 allows remote attackers to execute arbitrary code |

## 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-189 | 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 | Nih    | Libzip  | 0.10    | All    | All     | All      |

| Vendor Declared Affected Products |        |         |              |               |
|-----------------------------------|--------|---------|--------------|---------------|
| Source                            | Vendor | Product | Version      | Platforms     |
| CNA                               | Na     | N/a     | affected n/a | Not specified |

| References                                                                                        |                                      |
|---------------------------------------------------------------------------------------------------|--------------------------------------|
| Reference                                                                                         | Source                               |
| Support / Security / Advisories / / MDVSA-2012:034   Mandriva                                     | af854a3a-2127-422b-91ae-364da2661108 |
| oss-security - Re: CVE-2012-1162 / -1163: Incorrect loop construct and numeric overflow in libzip | af854a3a-2127-422b-91ae-364da2661108 |
| oss-security - CVE-2012-1162 / -1163: Incorrect loop construct and numeric overflow in libzip     | af854a3a-2127-422b-91ae-364da2661108 |
| Gentoo Linux Documentation -- libzip: Multiple vulnerabilities                                    | af854a3a-2127-422b-91ae-364da2661108 |
| News · libzip                                                                                     | af854a3a-2127-422b-91ae-364da2661108 |
| NiH: libzip: libzip-discuss: libzip-0.10.1 security fix release                                   | af854a3a-2127-422b-91ae-364da2661108 |
| 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.