



# CVE-2016-7162

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

## Summary

|                 |                                                                                                                                                                                    |
|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CVE             | CVE-2016-7162                                                                                                                                                                      |
| State           | PUBLISHED                                                                                                                                                                          |
| Assigner        | mitre                                                                                                                                                                              |
| Source Priority | CVE Program / NVD first with legacy fallback                                                                                                                                       |
| Published       | 2016-09-26 15:59:04 UTC                                                                                                                                                            |
| Updated         | 2026-05-06 22:30:45 UTC                                                                                                                                                            |
| Description     | The _g_file_remove_directory function in file-utils.c in File Roller 3.5.4 through 3.20.2 allows remote attackers to delete arbitrary files and directories via a crafted request. |

## Risk And Classification

**Primary CVSS:** v3.1 7.5 HIGH from nvd@nist.gov

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

**EPSS:** 0.011510000 probability, percentile 0.786180000 (date 2026-05-07)

**Problem Types:** CWE-20 | n/a

| Version | Source       | Type    | Score | Severity | Vector                                       |
|---------|--------------|---------|-------|----------|----------------------------------------------|
| 3.1     | nvd@nist.gov | Primary | 7.5   | HIGH     | CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:H/A:N |
| 2.0     | nvd@nist.gov | Primary | 5     |          | AV:N/AC:L/Au:N/C:N/I:P/A:N                   |

## CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

None

Integrity

High

High

Availability

None

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



CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Low

Authentication

None

Confidentiality

None

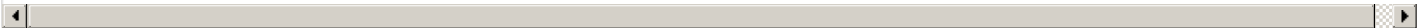
Integrity

Partial

Availability

None

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



NVD Known Affected Configurations (CPE 2.3)

| Type             | Vendor              | Product      | Version | Update | Edition | Language |
|------------------|---------------------|--------------|---------|--------|---------|----------|
| Operating System | Canonical           | Ubuntu Linux | 14.04   | All    | All     | All      |
| Operating System | Canonical           | Ubuntu Linux | 16.04   | All    | All     | All      |
| Application      | File Roller Project | File Roller  | 3.10    | All    | All     | All      |
| Application      | File Roller Project | File Roller  | 3.15    | All    | All     | All      |
| Application      | File Roller Project | File Roller  | 3.20    | All    | All     | All      |
| Application      | File Roller Project | File Roller  | 3.20.1  | All    | All     | All      |
| Application      | File Roller Project | File Roller  | 3.20.2  | All    | All     | All      |
| Application      | File Roller Project | File Roller  | 3.5.4   | All    | All     | All      |
| Application      | File Roller Project | File Roller  | 3.6.0   | All    | All     | All      |
| Application      | File Roller Project | File Roller  | 3.6.1   | All    | All     | All      |
| Application      | File Roller Project | File Roller  | 3.6.1.1 | All    | All     | All      |
| Application      | File Roller Project | File Roller  | 3.6.2   | All    | All     | All      |
| Application      | File Roller Project | File Roller  | 3.6.3   | All    | All     | All      |
| Application      | File Roller Project | File Roller  | 3.6.4   | All    | All     | All      |
| Application      | File Roller Project | File Roller  | 3.8.0   | All    | All     | All      |
| Application      | File Roller Project | File Roller  | 3.8.1   | All    | All     | All      |

|             |                                     |                             |       |     |     |     |
|-------------|-------------------------------------|-----------------------------|-------|-----|-----|-----|
| Application | <a href="#">File Roller Project</a> | <a href="#">File Roller</a> | 3.8.2 | All | All | All |
| Application | <a href="#">File Roller Project</a> | <a href="#">File Roller</a> | 3.8.3 | All | All | All |
| Application | <a href="#">File Roller Project</a> | <a href="#">File Roller</a> | 3.9.0 | All | All | All |
| Application | <a href="#">File Roller Project</a> | <a href="#">File Roller</a> | 3.9.1 | All | All | All |
| Application | <a href="#">File Roller Project</a> | <a href="#">File Roller</a> | 3.9.2 | All | All | All |
| Application | <a href="#">File Roller Project</a> | <a href="#">File Roller</a> | 3.9.3 | All | All | All |

| Vendor Declared Affected Products |                    |                     |              |               |
|-----------------------------------|--------------------|---------------------|--------------|---------------|
| Source                            | Vendor             | Product             | Version      | Platforms     |
| CNA                               | <a href="#">Na</a> | <a href="#">N/a</a> | affected n/a | Not specified |

| References                                                                                         |                                      |
|----------------------------------------------------------------------------------------------------|--------------------------------------|
| Reference                                                                                          | Source                               |
| file-roller - Create and modify archives                                                           | af854a3a-2127-422b-91ae-364da2661108 |
| 404 Not Found                                                                                      | af854a3a-2127-422b-91ae-364da2661108 |
| 404 Not Found                                                                                      | af854a3a-2127-422b-91ae-364da2661108 |
| oss-security - Re: CVE Request: File Roller path traversal                                         | af854a3a-2127-422b-91ae-364da2661108 |
| File Roller 'src/file-utils.c' Directory Traversal Vulnerability                                   | af854a3a-2127-422b-91ae-364da2661108 |
| Bug 698554 – file-roller deletes the content of folders upon extraction, if archive contains links | af854a3a-2127-422b-91ae-364da2661108 |
| USN-3074-1: File Roller vulnerability   Ubuntu                                                     | 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.