



# CVE-2017-10981

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

## Summary

|                        |  |
|------------------------|--|
| <b>CVE</b>             | CVE-2017-10981   |
| <b>State</b>           | PUBLIC   |
| <b>Assigner</b>        | cve@mitre.org  |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback   |
| <b>Published</b>       | 2017-07-17 17:29:00 UTC  |
| <b>Updated</b>         | 2019-10-03 00:03:00 UTC  |
| <b>Description</b>     | An FR-GV-204 issue in FreeRADIUS 2.x before 2.2.10 allows "DHCP - Memory leak in fr_dhcp_decode()" and a denial of s |

## Risk And Classification

### Problem Types: CWE-772

## NVD Known Affected Configurations (CPE 2.3)

| Type        | Vendor     | Product    | Version | Update | Edition | Language |
|-------------|------------|------------|---------|--------|---------|----------|
| Application | Freeradius | Freeradius | 2.0.0   | All    | All     | All      |
| Application | Freeradius | Freeradius | 2.0.0   | pre1   | All     | All      |
| Application | Freeradius | Freeradius | 2.0.0   | pre2   | All     | All      |
| Application | Freeradius | Freeradius | 2.0.1   | All    | All     | All      |
| Application | Freeradius | Freeradius | 2.0.2   | All    | All     | All      |
| Application | Freeradius | Freeradius | 2.0.3   | All    | All     | All      |
| Application | Freeradius | Freeradius | 2.0.4   | All    | All     | All      |
| Application | Freeradius | Freeradius | 2.0.5   | All    | All     | All      |
| Application | Freeradius | Freeradius | 2.1.0   | All    | All     | All      |
| Application | Freeradius | Freeradius | 2.1.1   | All    | All     | All      |
| Application | Freeradius | Freeradius | 2.1.10  | All    | All     | All      |
| Application | Freeradius | Freeradius | 2.1.11  | All    | All     | All      |
| Application | Freeradius | Freeradius | 2.1.12  | All    | All     | All      |
| Application | Freeradius | Freeradius | 2.1.2   | All    | All     | All      |
| Application | Freeradius | Freeradius | 2.1.3   | All    | All     | All      |
| Application | Freeradius | Freeradius | 2.1.4   | All    | All     | All      |
| Application | Freeradius | Freeradius | 2.1.6   | All    | All     | All      |

|             |            |            |        |      |     |     |
|-------------|------------|------------|--------|------|-----|-----|
| Application | Freeradius | Freeradius | 2.1.7  | All  | All | All |
| Application | Freeradius | Freeradius | 2.1.8  | All  | All | All |
| Application | Freeradius | Freeradius | 2.1.9  | All  | All | All |
| Application | Freeradius | Freeradius | 2.2.0  | All  | All | All |
| Application | Freeradius | Freeradius | 2.2.1  | All  | All | All |
| Application | Freeradius | Freeradius | 2.2.2  | All  | All | All |
| Application | Freeradius | Freeradius | 2.2.3  | All  | All | All |
| Application | Freeradius | Freeradius | 2.2.4  | All  | All | All |
| Application | Freeradius | Freeradius | 2.2.5  | All  | All | All |
| Application | Freeradius | Freeradius | 2.2.6  | All  | All | All |
| Application | Freeradius | Freeradius | 2.2.7  | All  | All | All |
| Application | Freeradius | Freeradius | 2.2.8  | All  | All | All |
| Application | Freeradius | Freeradius | 2.2.9  | All  | All | All |
| Application | Freeradius | Freeradius | 2.0.0  | All  | All | All |
| Application | Freeradius | Freeradius | 2.0.0  | pre1 | All | All |
| Application | Freeradius | Freeradius | 2.0.0  | pre2 | All | All |
| Application | Freeradius | Freeradius | 2.0.1  | All  | All | All |
| Application | Freeradius | Freeradius | 2.0.2  | All  | All | All |
| Application | Freeradius | Freeradius | 2.0.3  | All  | All | All |
| Application | Freeradius | Freeradius | 2.0.4  | All  | All | All |
| Application | Freeradius | Freeradius | 2.0.5  | All  | All | All |
| Application | Freeradius | Freeradius | 2.1.0  | All  | All | All |
| Application | Freeradius | Freeradius | 2.1.1  | All  | All | All |
| Application | Freeradius | Freeradius | 2.1.10 | All  | All | All |
| Application | Freeradius | Freeradius | 2.1.11 | All  | All | All |
| Application | Freeradius | Freeradius | 2.1.12 | All  | All | All |
| Application | Freeradius | Freeradius | 2.1.2  | All  | All | All |
| Application | Freeradius | Freeradius | 2.1.3  | All  | All | All |
| Application | Freeradius | Freeradius | 2.1.4  | All  | All | All |
| Application | Freeradius | Freeradius | 2.1.6  | All  | All | All |
| Application | Freeradius | Freeradius | 2.1.7  | All  | All | All |
| Application | Freeradius | Freeradius | 2.1.8  | All  | All | All |
| Application | Freeradius | Freeradius | 2.1.9  | All  | All | All |
| Application | Freeradius | Freeradius | 2.2.0  | All  | All | All |
| Application | Freeradius | Freeradius | 2.2.1  | All  | All | All |

|             |                            |                            |       |     |     |     |
|-------------|----------------------------|----------------------------|-------|-----|-----|-----|
| Application | <a href="#">Freeradius</a> | <a href="#">Freeradius</a> | 2.2.2 | All | All | All |
| Application | <a href="#">Freeradius</a> | <a href="#">Freeradius</a> | 2.2.3 | All | All | All |
| Application | <a href="#">Freeradius</a> | <a href="#">Freeradius</a> | 2.2.4 | All | All | All |
| Application | <a href="#">Freeradius</a> | <a href="#">Freeradius</a> | 2.2.5 | All | All | All |
| Application | <a href="#">Freeradius</a> | <a href="#">Freeradius</a> | 2.2.6 | All | All | All |
| Application | <a href="#">Freeradius</a> | <a href="#">Freeradius</a> | 2.2.7 | All | All | All |
| Application | <a href="#">Freeradius</a> | <a href="#">Freeradius</a> | 2.2.8 | All | All | All |
| Application | <a href="#">Freeradius</a> | <a href="#">Freeradius</a> | 2.2.9 | All | All | All |

## References

| Reference  | Source   | Link               |
|--|----------|--------------------|
| FreeRADIUS CVE-2017-10981 Denial of Service Vulnerability  | BID      | <a href="#">v</a>  |
| FreeRADIUS Overflows and Memory Leaks Let Remote Users Deny Service and Execute Arbitrary Code - SecurityTracker | SECTRACK | <a href="#">v</a>  |
| Releases   | CONFIRM  | <a href="#">fi</a> |
| Red Hat Customer Portal  | REDHAT   | <a href="#">e</a>  |
| Debian -- Security Information -- DSA-3930-1 freeradius  | DEBIAN   | <a href="#">v</a>  |
| CVE Program record   | CVE.ORG  | <a href="#">v</a>  |
| NVD vulnerability detail   | NVD      | <a href="#">r</a>  |

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

[378286](#) Virtuozzo Linux Security Update for freeradius-unixODBC (VZLSA-2017:1759)

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