



# CVE-2015-2296

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

## Summary

|                        |  |
|------------------------|--|
| <b>CVE</b>             | CVE-2015-2296  |
| <b>State</b>           | PUBLIC   |
| <b>Assigner</b>        | cve@mitre.org  |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback   |
| <b>Published</b>       | 2015-03-18 16:59:00 UTC  |
| <b>Updated</b>         | 2021-03-18 13:19:00 UTC  |
| <b>Description</b>     | The resolve_redirects function in sessions.py in requests 2.1.0 through 2.5.3 allows remote attackers to conduct session fix |

## Risk And Classification

**Problem Types:** NVD-CWE-Other

## NVD Known Affected Configurations (CPE 2.3)

| Type             | Vendor                         | Product                      | Version | Update | Edition | Language |
|------------------|--------------------------------|------------------------------|---------|--------|---------|----------|
| Operating System | <a href="#">Canonical</a>      | <a href="#">Ubuntu Linux</a> | 14.04   | All    | All     | All      |
| Operating System | <a href="#">Canonical</a>      | <a href="#">Ubuntu Linux</a> | 14.10   | All    | All     | All      |
| Operating System | <a href="#">Canonical</a>      | <a href="#">Ubuntu Linux</a> | 14.04   | All    | All     | All      |
| Operating System | <a href="#">Canonical</a>      | <a href="#">Ubuntu Linux</a> | 14.10   | All    | All     | All      |
| Operating System | <a href="#">Mageia Project</a> | <a href="#">Mageia</a>       | 4.0     | All    | All     | All      |
| Operating System | <a href="#">Mageia Project</a> | <a href="#">Mageia</a>       | 4.0     | All    | All     | All      |
| Application      | <a href="#">Python</a>         | <a href="#">Requests</a>     | 2.1.0   | All    | All     | All      |
| Application      | <a href="#">Python</a>         | <a href="#">Requests</a>     | 2.2.1   | All    | All     | All      |
| Application      | <a href="#">Python</a>         | <a href="#">Requests</a>     | 2.3.0   | All    | All     | All      |
| Application      | <a href="#">Python</a>         | <a href="#">Requests</a>     | 2.4.0   | All    | All     | All      |
| Application      | <a href="#">Python</a>         | <a href="#">Requests</a>     | 2.4.1   | All    | All     | All      |
| Application      | <a href="#">Python</a>         | <a href="#">Requests</a>     | 2.4.2   | All    | All     | All      |
| Application      | <a href="#">Python</a>         | <a href="#">Requests</a>     | 2.4.3   | All    | All     | All      |
| Application      | <a href="#">Python</a>         | <a href="#">Requests</a>     | 2.5.0   | All    | All     | All      |
| Application      | <a href="#">Python</a>         | <a href="#">Requests</a>     | 2.5.1   | All    | All     | All      |
| Application      | <a href="#">Python</a>         | <a href="#">Requests</a>     | 2.5.2   | All    | All     | All      |
| Application      | <a href="#">Python</a>         | <a href="#">Requests</a>     | 2.5.3   | All    | All     | All      |

|             |                                 |                          |       |     |     |     |
|-------------|---------------------------------|--------------------------|-------|-----|-----|-----|
| Application | <a href="#">Python-requests</a> | <a href="#">Requests</a> | 2.1.0 | All | All | All |
| Application | <a href="#">Python-requests</a> | <a href="#">Requests</a> | 2.2.1 | All | All | All |
| Application | <a href="#">Python-requests</a> | <a href="#">Requests</a> | 2.3.0 | All | All | All |
| Application | <a href="#">Python-requests</a> | <a href="#">Requests</a> | 2.4.0 | All | All | All |
| Application | <a href="#">Python-requests</a> | <a href="#">Requests</a> | 2.4.1 | All | All | All |
| Application | <a href="#">Python-requests</a> | <a href="#">Requests</a> | 2.4.2 | All | All | All |
| Application | <a href="#">Python-requests</a> | <a href="#">Requests</a> | 2.4.3 | All | All | All |
| Application | <a href="#">Python-requests</a> | <a href="#">Requests</a> | 2.5.0 | All | All | All |
| Application | <a href="#">Python-requests</a> | <a href="#">Requests</a> | 2.5.1 | All | All | All |
| Application | <a href="#">Python-requests</a> | <a href="#">Requests</a> | 2.5.2 | All | All | All |
| Application | <a href="#">Python-requests</a> | <a href="#">Requests</a> | 2.5.3 | All | All | All |

## References

| Reference  | Source   | Link  |
|--|----------|---|
| [SECURITY] Fedora 21 Update: python-requests-2.5.3-2.fc21                                      | FEDORA   | <a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a> |
| oss-security - CVE Request for python-requests session fixation vulnerability                  | MLIST    | <a href="http://www.openwall.com">www.openwall.com</a>                |
| USN-2531-1: Requests vulnerability   Ubuntu  | UBUNTU   | <a href="http://www.ubuntu.com">www.ubuntu.com</a>                    |
| requests · Warehouse (PyPI)  | CONFIRM  | <a href="https://warehouse.python.org">warehouse.python.org</a>       |
| Support / Security / Advisories // MDVSA-2015:133   Mandriva                                   | MANDRIVA | <a href="http://www.mandriva.com">www.mandriva.com</a>                |
| Don't ascribe cookies to the target domain. · kennethreitz/requests@3bd8afb · GitHub           | CONFIRM  | <a href="https://github.com">github.com</a>                           |
| Mageia Advisory: MGASA-2015-0120 - Updated python-requests packages fix security vulnerability | CONFIRM  | <a href="https://advisories.mageia.org">advisories.mageia.org</a>     |
| oss-security - Re: CVE Request for python-requests session fixation vulnerability              | MLIST    | <a href="http://www.openwall.com">www.openwall.com</a>                |
| CVE Program record   | CVE.ORG  | <a href="http://www.cve.org">www.cve.org</a>                          |
| NVD vulnerability detail   | NVD      | <a href="https://nvd.nist.gov">nvd.nist.gov</a>                       |

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

[994794](#) Python (Pip) Security Update for requests (GHSA-pg2w-x9wp-vw92)

