



# CVE-2013-4347

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

## Summary

|                        |                                                                                                                       |
|------------------------|-----------------------------------------------------------------------------------------------------------------------|
| <b>CVE</b>             | CVE-2013-4347                                                                                                         |
| <b>State</b>           | PUBLIC                                                                                                                |
| <b>Assigner</b>        | secalert@redhat.com                                                                                                   |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback                                                                          |
| <b>Published</b>       | 2014-05-20 14:55:00 UTC                                                                                               |
| <b>Updated</b>         | 2023-02-13 04:46:00 UTC                                                                                               |
| <b>Description</b>     | The (1) make_nonce, (2) generate_nonce, and (3) generate_verifier functions in SimpleGeo python-oauth2 uses weak rand |

## Risk And Classification

### Problem Types: CWE-310

## NVD Known Affected Configurations (CPE 2.3)

| Type        | Vendor                       | Product                       | Version | Update | Edition | Language |
|-------------|------------------------------|-------------------------------|---------|--------|---------|----------|
| Application | <a href="#">Urbanairship</a> | <a href="#">Python-oauth2</a> | -       | All    | All     | All      |
| Application | <a href="#">Urbanairship</a> | <a href="#">Python-oauth2</a> | -       | All    | All     | All      |

## References

| Reference                                                                                                                | Source |
|--------------------------------------------------------------------------------------------------------------------------|--------|
| Red Hat Customer Portal                                                                                                  | MISC   |
| use a better random with SystemRandom (CVE-2013-4347) by pmakowski · Pull Request #146 · joestump/python-oauth2 · GitHub | MISC   |
| make_nonce is not random enough · Issue #9 · joestump/python-oauth2 · GitHub                                             | MISC   |
| CVE-2013-4347 - Red Hat Customer Portal                                                                                  | MISC   |
| Red Hat Customer Portal                                                                                                  | MISC   |
| 1007758 – (CVE-2013-4347) CVE-2013-4347 python-oauth2: Uses poor PRNG in nonce                                           | MISC   |
| python-oauth2 CVE-2013-4347 Multiple Predictable Random Number Generator Weaknesses                                      | BID    |
| oss-security - Re: cve requests for python-oauth2                                                                        | MLIST  |
| CVE Program record                                                                                                       | CVE.OP |
| 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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