



# CVE-2011-4407

Published on: 05/13/2014 12:00:00 AM UTC

Last Modified on: 03/23/2021 11:23:12 PM UTC

## CVE-2011-4407

[Source: Mitre](#)

[Source: NIST](#)

[CVE.ORG](#)

[Print: PDF](#)



Certain versions of [Software-properties](#) from [Canonical](#) contain the following vulnerability:

ppa.py in Software Properties before 0.81.13.3 does not validate the server certificate when downloading PPA GPG key fingerprints, which allows man-in-the-middle (MITM) attackers to spoof GPG keys for a package repository.

CVE-2011-4407 has been assigned by security@ubuntu.com to track the vulnerability

CVSS2 Score: **4.3 - MEDIUM**

**Access Vector**

**NETWORK**

**Access Complexity**

**MEDIUM**

**Authentication**

**NONE**

**Confidentiality Impact**

**NONE**

**Integrity Impact**

**PARTIAL**

**Availability Impact**

**NONE**

## CVE References

**Description**

**Tags**

**Link**

Bug #915210 "apt-add-repository does not perform ssl verificatio..."  
: Bugs : "software-properties" package : Ubuntu

[bugs.launchpad.net](#)  
[text/html](#)

**CONFIRM**  
[bugs.launchpad.net/ubuntu/%2Bsource/software-properties/%2Bbug/915210](https://bugs.launchpad.net/ubuntu/%2Bsource/software-properties/%2Bbug/915210)

USN-1352-1: Software Properties vulnerability | Ubuntu

[www.ubuntu.com](#)  
[text/html](#)

**UBUNTU USN-1352-1**

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There are currently no QIDs associated with this CVE

| Known Affected Configurations (CPE V2.3)              |                           |                                     |         |        |         |          |
|-------------------------------------------------------|---------------------------|-------------------------------------|---------|--------|---------|----------|
| Type                                                  | Vendor                    | Product                             | Version | Update | Edition | Language |
| Application                                           | <a href="#">Canonical</a> | <a href="#">Software-properties</a> | All     | All    | All     | All      |
| Operating System                                      | <a href="#">Canonical</a> | <a href="#">Ubuntu Linux</a>        | 10.04   | -      | lts     | All      |
| Operating System                                      | <a href="#">Canonical</a> | <a href="#">Ubuntu Linux</a>        | 10.10   | All    | All     | All      |
| Operating System                                      | <a href="#">Canonical</a> | <a href="#">Ubuntu Linux</a>        | 11.04   | All    | All     | All      |
| Operating System                                      | <a href="#">Canonical</a> | <a href="#">Ubuntu Linux</a>        | 11.10   | All    | All     | All      |
| Operating System                                      | <a href="#">Canonical</a> | <a href="#">Ubuntu Linux</a>        | 10.04   | -      | lts     | All      |
| Operating System                                      | <a href="#">Canonical</a> | <a href="#">Ubuntu Linux</a>        | 10.10   | All    | All     | All      |
| Operating System                                      | <a href="#">Canonical</a> | <a href="#">Ubuntu Linux</a>        | 11.04   | All    | All     | All      |
| Operating System                                      | <a href="#">Canonical</a> | <a href="#">Ubuntu Linux</a>        | 11.10   | All    | All     | All      |
| cpe:2.3:a:canonical:software-properties:*****:.*      |                           |                                     |         |        |         |          |
| cpe:2.3:o:canonical:ubuntu_linux:10.04:-:lts:*****:.* |                           |                                     |         |        |         |          |
| cpe:2.3:o:canonical:ubuntu_linux:10.10:*****:.*       |                           |                                     |         |        |         |          |
| cpe:2.3:o:canonical:ubuntu_linux:11.04:*****:.*       |                           |                                     |         |        |         |          |
| cpe:2.3:o:canonical:ubuntu_linux:11.10:*****:.*       |                           |                                     |         |        |         |          |
| cpe:2.3:o:canonical:ubuntu_linux:10.04:-:lts:*****:.* |                           |                                     |         |        |         |          |
| cpe:2.3:o:canonical:ubuntu_linux:10.10:*****:.*       |                           |                                     |         |        |         |          |
| cpe:2.3:o:canonical:ubuntu_linux:11.04:*****:.*       |                           |                                     |         |        |         |          |
| cpe:2.3:o:canonical:ubuntu_linux:11.10:*****:.*       |                           |                                     |         |        |         |          |

No vendor comments have been submitted for this CVE

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