



CVE-2014-5251

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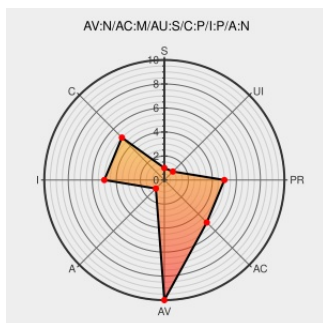
CVE-2014-5251

[Source: Mitre](#)

[Source: NIST](#)

[CVE.ORG](#)

[Print: PDF](#)



Certain versions of [Ubuntu Linux](#) from [Canonical](#) contain the following vulnerability:

The MySQL token driver in OpenStack Identity (Keystone) 2014.1.x before 2014.1.2.1 and Juno before Juno-3 stores timestamps with the incorrect precision, which causes the expiration comparison for tokens to fail and allows remote authenticated users to retain access via an expired token.

CVE-2014-5251 has been assigned by [M](#) cve@mitre.org to track the vulnerability

CVSS2 Score: **4.9 - MEDIUM**

Access
Vector

Access
Complexity

Authentication

NETWORK

MEDIUM

SINGLE

Confidentiality
Impact

Integrity
Impact

Availability
Impact

PARTIAL

PARTIAL

NONE

CVE References

Description

Tags

Link

USN-2324-1: OpenStack Keystone vulnerabilities |
Ubuntu

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

[UBUNTU USN-2324-1](#)

oss-security - [OSSA 2014-026] Multiple vulnerabilities in
Keystone revocation events (CVE-2014-5251, CVE-2014-
5252, CVE-2014-5253)

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

[MLIST \[oss-security\] 20140815 \[OSSA 2014-026\] Multiple vulnerabilities in Keystone revocation events \(CVE-2014-5251, CVE-2014-5252, CVE-2014-5253\)](#)

Red Hat Customer Portal

web.archive.org
[text/html](#)

Inactive Link **Not Archived**

[REDHAT RHSA-2014:1121](#)

Bug #1347961 "[OSSA 2014-026] Revocation events are
broken with ..." : Bugs : OpenStack Identity (keystone)

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

[MISC
bugs.launchpad.net/keystone/+bug/1347961](https://bugs.launchpad.net/keystone/+bug/1347961)

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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
Operating System	Canonical	Ubuntu Linux	14.04	All	All	All
Operating System	Canonical	Ubuntu Linux	14.04	All	All	All
Application	Openstack	Keystone	2014.1	All	All	All
Application	Openstack	Keystone	2014.1.2	All	All	All
Application	Openstack	Keystone	juno-1	All	All	All
Application	Openstack	Keystone	juno-2	All	All	All
Application	Openstack	Keystone	2014.1	All	All	All
Application	Openstack	Keystone	2014.1.2	All	All	All
Application	Openstack	Keystone	juno-1	All	All	All
Application	Openstack	Keystone	juno-2	All	All	All

`cpe:2.3:o:canonical:ubuntu_linux:14.04:*:*:*:*:*:`

`cpe:2.3:o:canonical:ubuntu_linux:14.04:*:*:*:*:*:`

`cpe:2.3:a:openstack:keystone:2014.1:*:*:*:*:*:`

`cpe:2.3:a:openstack:keystone:2014.1.2:*:*:*:*:*:`

`cpe:2.3:a:openstack:keystone:juno-1:*:*:*:*:*:`

`cpe:2.3:a:openstack:keystone:juno-2:*:*:*:*:*:`

`cpe:2.3:a:openstack:keystone:2014.1:*:*:*:*:*:`

`cpe:2.3:a:openstack:keystone:2014.1.2:*:*:*:*:*:`

`cpe:2.3:a:openstack:keystone:juno-1:*:*:*:*:*:`

`cpe:2.3:a:openstack:keystone:juno-2:*:*:*:*:*:`

No vendor comments have been submitted for this CVE

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