

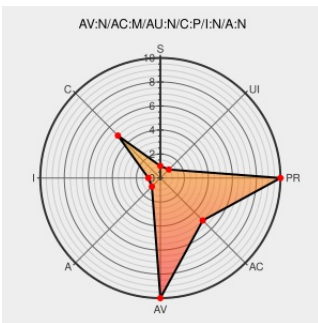


CVE-2014-3517

Published on: 08/07/2014 12:00:00 AM UTC

Last Modified on: 02/13/2023 12:40:00 AM UTC

CVE-2014-3517

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

Certain versions of [Nova](#) from [Openstack](#) contain the following vulnerability:

api/metadata/handler.py in OpenStack Compute (Nova) before 2013.2.4, 2014.x before 2014.1.2, and Juno before Juno-2, when proxying metadata requests through Neutron, makes it easier for remote attackers to guess instance ID signatures via a brute-force attack that relies on timing differences in responses to instance

metadata requests.

CVE-2014-3517 has been assigned by secalert@redhat.com to track the vulnerability

CVSS2 Score: **4.3 - MEDIUM**

Access Vector	Access Complexity	Authentication
NETWORK	MEDIUM	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
PARTIAL	NONE	NONE

CVE References

Description	Tags	Link
Red Hat Customer Portal	access.redhat.com text/html	MISC access.redhat.com/errata/RHSA-2014:0940
CVE-2014-3517 - Red Hat Customer Portal	access.redhat.com text/html	MISC access.redhat.com/security/cve/CVE-2014-3517
oss-security - [OSSA 2014-024] Use of non-constant time comparison operation (CVE-2014-3517)	Patch Third Party Advisory www.openwall.com text/html	MLIST [oss-security] 20140717 [OSSA 2014-024] Use of non-constant time comparison operation (CVE-2014-3517)
Bug #1325128 "[OSSA 2014-024] nova metadata does not use a const..." : Bugs : OpenStack Compute (nova)	Third Party Advisory bugs.launchpad.net text/html	CONFIRM bugs.launchpad.net/nova/+bug/1325128

Red Hat Customer Portal

1112499 – (CVE-2014-3517) CVE-2014-3517 openstack-nova: timing attack issue allows access to other instances' configuration information

bugzilla.redhat.com

text/html

 [MISC bugzilla.redhat.com/show_bug.cgi?id=1112499](https://bugzilla.redhat.com/show_bug.cgi?id=1112499)

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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	Openstack	Nova	All	All	All	All
Application	Openstack	Nova	2014.2.0	milestone1	All	All
Application	Openstack	Nova	All	All	All	All
Application	Openstack	Nova	2014.2.0	milestone1	All	All
Application	Openstack	Nova	All	All	All	All
cpe:2.3:a:openstack:nova:*.*.*.*.*.*.*:						
cpe:2.3:a:openstack:nova:2014.2.0:milestone1:*.*.*.*.*.*:						
cpe:2.3:a:openstack:nova:*.*.*.*.*.*.*:						
cpe:2.3:a:openstack:nova:2014.2.0:milestone1:*.*.*.*.*.*:						
cpe:2.3:a:openstack:nova:*.*.*.*.*.*.*:						

No vendor comments have been submitted for this CVE

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