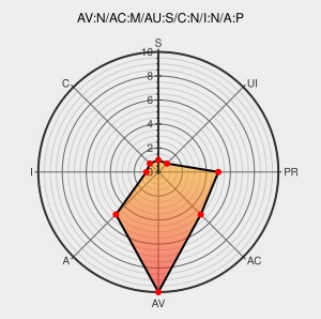
CVE-2012-2101

Published on: 06/07/2012 12:00:00 AM UTC

Last Modified on: 02/13/2023 12:08:14 AM UTC

CVE-2012-2101

Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Nova from Openstack contain the following vulnerability:

Openstack Compute (Nova) Folsom, 2012.1, and 2011.3 does not limit the number of security group rules, which allows remote authenticated users with certain permissions to cause a denial of service (CPU and hard drive consumption) via a network request that triggers a large number of iptables rules.

CVE-2012-2101 has been assigned by secalert@redhat.com to track the vulnerability

CVSS2 Score: 3.5 - LOW

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

CVE References

Description	Tags	Link
Security Advisory SA49048 - Ubuntu update for nova - Secunia	Vendor Advisory, web.archive.org, text/html	SECUNIA 49048
[OSSA 2012-005] No quota enforced on security group rules : Mailing list archive : openstack team in Launchpad	lists.launchpad.net, text/html	MLIST [openstack] 20120419 [OSSA 2012-005] No quota enforced on security group rules
IBM X-Force Exchange	exchange.xforce.ibmcloud.com, text/html	XF nova-quotas-dos(75243)
Implement quotas for security groups. ·	github.com, text/html	CONFIRM github.com/openstack/nova/commit/8c8735a73afb16d5856f0aa6088e9ae406c52

openstack/nova@8c8735a · GitHub		
No Description Provided	www.osvdb.org Inactive Link Not Archived	OSVDB 81641
[SECURITY] Fedora 16 Update: openstack-nova-2011.3.1-8.fc16	lists.fedoraproject.org text/html	FEDORA FEDORA-2012-6365
Implement quotas for security groups. · openstack/nova@a67db45 · GitHub	github.com text/html	CONFIRM github.com/openstack/nova/commit/a67db4586f70ed881d65e80035b2a25be195
Implement security group quotas. · openstack/nova@1f644d2 · GitHub	github.com text/html	CONFIRM github.com/openstack/nova/commit/1f644d210557b1254f7c7b39424b09a45329a
[SECURITY] Fedora 17 Update: openstack-nova-2012.1-2.fc17	lists.fedoraproject.org text/html	FEDORA FEDORA-2012-6273
Bug #969545 “missing quotas on security group rules” : Bugs : OpenStack Compute (nova)	bugs.launchpad.net text/html	CONFIRM bugs.launchpad.net/nova/+bug/969545
USN-1438-1: Nova vulnerability | Ubuntu	ubuntu.com text/html	UBUNTU USN-1438-1
Security Advisory SA49034 - OpenStack Compute (Nova) iptables Resource Exhaustion Denial of Service Vulnerability - Secunia	Vendor Advisory web.archive.org text/html	SECUNIA 49034

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	2011.3	All	All	All
Application	Openstack	Nova	2012.1	All	All	All
Application	Openstack	Nova	folsom	All	All	All
Application	Openstack	Nova	2011.3	All	All	All
Application	Openstack	Nova	2012.1	All	All	All
Application	Openstack	Nova	folsom	All	All	All

cpe:2.3:a:openstack:nova:2011.3:*:*:*:*:*:*:*

cpe:2.3:a:openstack:nova:2012.1:*:*:*:*:*:*:*

cpe:2.3:a:openstack:nova:folsom:*:*:*:*:*:*:*

cpe:2.3:a:openstack:nova:2011.3:*:*:*:*:*:*:*

cpe:2.3:a:openstack:nova:2012.1:*:*:*:*:*:*:*

cpe:2.3:a:openstack:nova:folsom:*:*:*:*:*:*:*

No vendor comments have been submitted for this CVE

← Previous ID

Next ID→