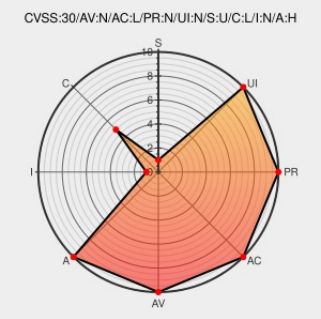
CVE-2016-5363

Published on: 06/17/2016 12:00:00 AM UTC

Last Modified on: 02/12/2023 11:12:05 PM UTC

CVE-2016-5363

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



Certain versions of Neutron from Openstack contain the following vulnerability:

The IPTables firewall in OpenStack Neutron before 7.0.4 and 8.0.0 through 8.1.0 allows remote attackers to bypass an intended MAC-spoofing protection mechanism and consequently cause a denial of service or intercept network traffic via (1) a crafted DHCP discovery message or (2) crafted non-IP traffic.

CVE-2016-5363 has been assigned by secalert@redhat.com to track the vulnerability - currently rated as HIGH severity.

CVSS3 Score: 8.2 - HIGH

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	LOW	NONE	NONE
Scope	**Confidentiality Impact**	**Integrity Impact**	**Availability Impact**
UNCHANGED	LOW	NONE	HIGH

CVSS2 Score: 6.4 - MEDIUM

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

CVE References

Description	Tags	Link
oss-security - Re: CVE request for vulnerability in OpenStack Neutron	www.openwall.com text/html	MLIST [oss-security] 20160610 Re: CVE request for vulnerability in OpenStack Neutron

Gerrit Code Review	review.openstack.org text/html	CONFIRM review.openstack.org/#/c/299025/
Red Hat Customer Portal	access.redhat.com text/html	REDHAT RHSA-2016:1473
oss-security - CVE request for vulnerability in OpenStack Neutron	www.openwall.com text/html	MLIST [oss-security] 20160610 CVE request for vulnerability in OpenStack Neutron
Bug #1558658 “[OSSA-2016-009] Security Groups do not prevent MAC...” : Bugs : neutron	bugs.launchpad.net text/html	CONFIRM bugs.launchpad.net/neutron/+bug/1558658
OSSA-2016-009: Neutron IPTables firewall anti-spoof protection bypass — OpenStack Security Advisories 2014.2.0.dev112 documentation	Vendor Advisory security.openstack.org text/html	CONFIRM security.openstack.org/ossa/OSSA-2016-009.html
Gerrit Code Review	review.openstack.org text/html	CONFIRM review.openstack.org/#/c/299023/
Gerrit Code Review	review.openstack.org text/html	CONFIRM review.openstack.org/#/c/299021/
Red Hat Customer Portal	access.redhat.com text/html	REDHAT RHSA-2016:1474

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Openstack	Neutron	7.0.0	All	All	All
Application	Openstack	Neutron	7.0.1	All	All	All
Application	Openstack	Neutron	7.0.2	All	All	All
Application	Openstack	Neutron	7.0.3	All	All	All
Application	Openstack	Neutron	7.0.4	All	All	All
Application	Openstack	Neutron	8.0.0	All	All	All
Application	Openstack	Neutron	8.1.0	All	All	All
Application	Openstack	Neutron	7.0.0	All	All	All
Application	Openstack	Neutron	7.0.1	All	All	All
Application	Openstack	Neutron	7.0.2	All	All	All
Application	Openstack	Neutron	7.0.3	All	All	All
Application	Openstack	Neutron	7.0.4	All	All	All
Application	Openstack	Neutron	8.0.0	All	All	All
Application	Openstack	Neutron	8.1.0	All	All	All

cpe:2.3:a:openstack:neutron:7.0.0:*:*:*:*:*:*:*

cpe:2.3:a:openstack:neutron:7.0.1:*:*:*:*:*:*:*

cpe:2.3:a:openstack:neutron:7.0.2:*:*:*:*:*:*:*

cpe:2.3:a:openstack:neutron:7.0.3:*:*:*:*:*:*:*

cpe:2.3:a:openstack:neutron:7.0.4:*:*:*:*:*:*:*

cpe:2.3:a:openstack:neutron:8.0.0:*:*:*:*:*:*:*

cpe:2.3:a:openstack:neutron:8.1.0:*:*:*:*:*:*:*

cpe:2.3:a:openstack:neutron:7.0.0:*:*:*:*:*:*:*

cpe:2.3:a:openstack:neutron:7.0.1:*:*:*:*:*:*:*

cpe:2.3:a:openstack:neutron:7.0.2:*:*:*:*:*:*:*

cpe:2.3:a:openstack:neutron:7.0.3:*:*:*:*:*:*:*

cpe:2.3:a:openstack:neutron:7.0.4:*:*:*:*:*:*:*

cpe:2.3:a:openstack:neutron:8.0.0:*:*:*:*:*:*:*

cpe:2.3:a:openstack:neutron:8.1.0:*:*:*:*:*:*:*

No vendor comments have been submitted for this CVE

← Previous ID

Next ID→