



CVE-2016-5363

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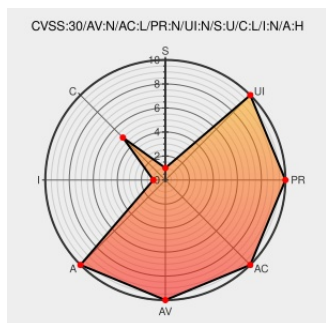
CVE-2016-5363

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](http://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
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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	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

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