

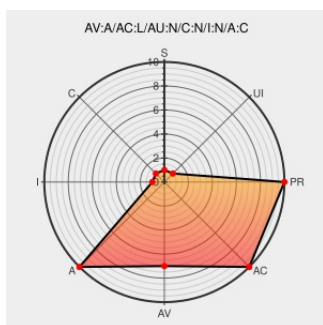


CVE-2015-6359

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CVE-2015-6359

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

Certain versions of [ios](#) from [Cisco](#) contain the following vulnerability:

The Neighbor Discovery (ND) protocol implementation in the IPv6 stack in Cisco IOS 15.3(3)S0.1 on ASR devices mishandles internal tables, which allows remote attackers to cause a denial of service (memory consumption or device crash) via a flood of crafted ND messages, aka Bug ID CSCup28217.

CVE-2015-6359 has been assigned by [cisco](#) psirt@cisco.com to track the vulnerability

CVSS2 Score: **6.1 - MEDIUM**

Access
Vector

Access
Complexity

Authentication

ADJACENT_NETWORK

LOW

NONE

Confidentiality
Impact

Integrity
Impact

Availability
Impact

NONE

NONE

COMPLETE

CVE References

Description

Tags

Link

Cisco IOS XE IPv6 Neighbor Discovery Processing Lets Remote Users on the Local Network Cause the Target System to Crash - SecurityTracker

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

[SECTrack 1034432](#)

Cisco IOS XE Software CVE-2015-6359 Denial of Service Vulnerability

[cve.report \(archive\)](#)
[text/html](#)

[BID 79200](#)

Cisco IOS XE Software IPv6 Neighbor Discovery Denial of Service Vulnerability

[Vendor Advisory](#)
[tools.cisco.com](#)
[text/html](#)

[CISCO 20151214 Cisco IOS XE Software IPv6 Neighbor Discovery Denial of Service Vulnerability](#)

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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	Cisco	ios	15.2(4)e	All	All	All
Operating System	Cisco	ios	15.2(4)pi	All	All	All
Operating System	Cisco	ios	15.2(4)st	All	All	All
Operating System	Cisco	ios	15.2(5)st	All	All	All
Operating System	Cisco	ios	15.2\4\ e	All	All	All
Operating System	Cisco	ios	15.2\4\ pi	All	All	All
Operating System	Cisco	ios	15.2\4\ st	All	All	All
Operating System	Cisco	ios	15.2\5\ st	All	All	All
Operating System	Cisco	ios	15.3(3)s0.1	All	All	All
Operating System	Cisco	ios	15.3\3\ s0.1	All	All	All
Operating System	Cisco	ios	15.2\4\ e	All	All	All
Operating System	Cisco	ios	15.2\4\ pi	All	All	All
Operating System	Cisco	ios	15.2\4\ st	All	All	All
Operating System	Cisco	ios	15.2\5\ st	All	All	All
Operating System	Cisco	ios	15.3\3\ s0.1	All	All	All
cpe:2.3:o:cisco:ios:15.2(4)e:~::~~::~~::~~::~~::~~::						
cpe:2.3:o:cisco:ios:15.2(4)pi:~::~~::~~::~~::~~::~~::						
cpe:2.3:o:cisco:ios:15.2(4)st:~::~~::~~::~~::~~::~~::						
cpe:2.3:o:cisco:ios:15.2(5)st:~::~~::~~::~~::~~::~~::						
cpe:2.3:o:cisco:ios:15.2\4\ e:~::~~::~~::~~::~~::~~::						
cpe:2.3:o:cisco:ios:15.2\4\ pi:~::~~::~~::~~::~~::~~::						

cpe:2.3:o:cisco:ios:15.2(4)st:~::~::~:
cpe:2.3:o:cisco:ios:15.2(5)st:~::~::~:
cpe:2.3:o:cisco:ios:15.3(3)s0.1:~::~::~:
cpe:2.3:o:cisco:ios:15.3(3)s0.1:~::~::~:
cpe:2.3:o:cisco:ios:15.2(4)e:~::~::~:
cpe:2.3:o:cisco:ios:15.2(4)pi:~::~::~:
cpe:2.3:o:cisco:ios:15.2(4)st:~::~::~:
cpe:2.3:o:cisco:ios:15.2(5)st:~::~::~:
cpe:2.3:o:cisco:ios:15.3(3)s0.1:~::~::~:

No vendor comments have been submitted for this CVE

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