



CVE-2017-3859

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF](#)

Summary

CVE	CVE-2017-3859
State	PUBLIC
Assigner	psirt@cisco.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2017-03-22 19:59:00 UTC
Updated	2017-07-12 01:29:00 UTC
Description	A vulnerability in the DHCP code for the Zero Touch Provisioning feature of Cisco ASR 920 Series Aggregation Services R

Risk And Classification

Problem Types: CWE-134

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Cisco	Asr-920-12cz-a	-	All	All	All
Hardware	Cisco	Asr-920-12cz-a	-	All	All	All
Hardware	Cisco	Asr-920-12cz-d	-	All	All	All
Hardware	Cisco	Asr-920-12cz-d	-	All	All	All
Hardware	Cisco	Asr-920-12sz-im	-	All	All	All
Hardware	Cisco	Asr-920-12sz-im	-	All	All	All
Hardware	Cisco	Asr-920-24sz-im	-	All	All	All
Hardware	Cisco	Asr-920-24sz-im	-	All	All	All
Hardware	Cisco	Asr-920-24sz-m	-	All	All	All
Hardware	Cisco	Asr-920-24sz-m	-	All	All	All
Hardware	Cisco	Asr-920-24tz-m	-	All	All	All
Hardware	Cisco	Asr-920-24tz-m	-	All	All	All
Hardware	Cisco	Asr-920-4sz-a	-	All	All	All
Hardware	Cisco	Asr-920-4sz-a	-	All	All	All
Hardware	Cisco	Asr-920-4sz-d	-	All	All	All
Hardware	Cisco	Asr-920-4sz-d	-	All	All	All
Operating System	Cisco	ios Xe	3.13.4s	All	All	All

Operating System	Cisco	los Xe	3.13.5as	All	All	All
Operating System	Cisco	los Xe	3.13.5s	All	All	All
Operating System	Cisco	los Xe	3.13.6as	All	All	All
Operating System	Cisco	los Xe	3.13.6s	All	All	All
Operating System	Cisco	los Xe	3.14.3s	All	All	All
Operating System	Cisco	los Xe	3.14.4s	All	All	All
Operating System	Cisco	los Xe	3.15.2s	All	All	All
Operating System	Cisco	los Xe	3.15.3s	All	All	All
Operating System	Cisco	los Xe	3.15.4s	All	All	All
Operating System	Cisco	los Xe	3.16.0cs	All	All	All
Operating System	Cisco	los Xe	3.16.0s	All	All	All
Operating System	Cisco	los Xe	3.16.1as	All	All	All
Operating System	Cisco	los Xe	3.16.1s	All	All	All
Operating System	Cisco	los Xe	3.16.2as	All	All	All
Operating System	Cisco	los Xe	3.16.2bs	All	All	All
Operating System	Cisco	los Xe	3.16.2s	All	All	All
Operating System	Cisco	los Xe	3.16.3as	All	All	All
Operating System	Cisco	los Xe	3.16.3s	All	All	All
Operating System	Cisco	los Xe	3.17.0s	All	All	All
Operating System	Cisco	los Xe	3.17.1as	All	All	All
Operating System	Cisco	los Xe	3.17.1s	All	All	All
Operating System	Cisco	los Xe	3.17.2s	All	All	All
Operating System	Cisco	los Xe	3.18.0as	All	All	All
Operating System	Cisco	los Xe	3.18.0s	All	All	All
Operating System	Cisco	los Xe	3.18.0sp	All	All	All
Operating System	Cisco	los Xe	3.18.1asp	All	All	All
Operating System	Cisco	los Xe	3.18.1bsp	All	All	All
Operating System	Cisco	los Xe	3.18.1csp	All	All	All
Operating System	Cisco	los Xe	3.18.1s	All	All	All
Operating System	Cisco	los Xe	3.18.1sp	All	All	All
Operating System	Cisco	los Xe	3.18.2s	All	All	All
Operating System	Cisco	los Xe	3.18.3vs	All	All	All
Operating System	Cisco	los Xe	3.13.4s	All	All	All
Operating System	Cisco	los Xe	3.13.5as	All	All	All
Operating System	Cisco	los Xe	3.13.5s	All	All	All

Operating System	Cisco	ios Xe	3.13.6as	All	All	All
Operating System	Cisco	ios Xe	3.13.6s	All	All	All
Operating System	Cisco	ios Xe	3.14.3s	All	All	All
Operating System	Cisco	ios Xe	3.14.4s	All	All	All
Operating System	Cisco	ios Xe	3.15.2s	All	All	All
Operating System	Cisco	ios Xe	3.15.3s	All	All	All
Operating System	Cisco	ios Xe	3.15.4s	All	All	All
Operating System	Cisco	ios Xe	3.16.0cs	All	All	All
Operating System	Cisco	ios Xe	3.16.0s	All	All	All
Operating System	Cisco	ios Xe	3.16.1as	All	All	All
Operating System	Cisco	ios Xe	3.16.1s	All	All	All
Operating System	Cisco	ios Xe	3.16.2as	All	All	All
Operating System	Cisco	ios Xe	3.16.2bs	All	All	All
Operating System	Cisco	ios Xe	3.16.2s	All	All	All
Operating System	Cisco	ios Xe	3.16.3as	All	All	All
Operating System	Cisco	ios Xe	3.16.3s	All	All	All
Operating System	Cisco	ios Xe	3.17.0s	All	All	All
Operating System	Cisco	ios Xe	3.17.1as	All	All	All
Operating System	Cisco	ios Xe	3.17.1s	All	All	All
Operating System	Cisco	ios Xe	3.17.2s	All	All	All
Operating System	Cisco	ios Xe	3.18.0as	All	All	All
Operating System	Cisco	ios Xe	3.18.0s	All	All	All
Operating System	Cisco	ios Xe	3.18.0sp	All	All	All
Operating System	Cisco	ios Xe	3.18.1asp	All	All	All
Operating System	Cisco	ios Xe	3.18.1bsp	All	All	All
Operating System	Cisco	ios Xe	3.18.1csp	All	All	All
Operating System	Cisco	ios Xe	3.18.1s	All	All	All
Operating System	Cisco	ios Xe	3.18.1sp	All	All	All
Operating System	Cisco	ios Xe	3.18.2s	All	All	All
Operating System	Cisco	ios Xe	3.18.3vs	All	All	All

References

Reference

Cisco IOS XE Software for Cisco ASR 920 Series Routers Zero Touch Provisioning Denial of Service Vulnerability

Cisco IOS XE for Cisco ASR 920 Series Routers Format String Bug in Zero Touch Provisioning Lets Remote Users Cause the Target System

Cisco IOS XE Software CVE-2017-3859 Denial of Service Vulnerability

CVE Program record

NVD vulnerability detail

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.

© [CVE.report](#) 2026 |

Use of this information constitutes acceptance for use in an AS IS condition. There are NO warranties, implied or otherwise, with regard to this information or its use. Any use of this information is at the user's risk. It is the responsibility of user to evaluate the accuracy, completeness or usefulness of any information, opinion, advice or other content. EACH USER WILL BE SOLELY RESPONSIBLE FOR ANY consequences of his or her direct or indirect use of this web site. ALL WARRANTIES OF ANY KIND ARE EXPRESSLY DISCLAIMED. This site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE, CWE, and OVAL are registered trademarks of [The MITRE Corporation](#) and the authoritative source of CVE content is [MITRE's CVE web site](#). This site includes MITRE data granted under the following [license](#).

CVE.report and Source URL Uptime Status [status.cve.report](#)