



CVE-2021-1377

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

Summary

CVE	CVE-2021-1377
State	PUBLIC
Assigner	psirt@cisco.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2021-03-24 20:15:00 UTC
Updated	2023-11-07 03:28:00 UTC
Description	A vulnerability in Address Resolution Protocol (ARP) management of Cisco IOS Software and Cisco IOS XE Software could

Risk And Classification

Problem Types: NVD-CWE-noinfo

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Cisco	ios	12.2(6)i1	All	All	All
Operating System	Cisco	ios	15.1(3)svr1	All	All	All
Operating System	Cisco	ios	15.1(3)svr2	All	All	All
Operating System	Cisco	ios	15.1(3)svr3	All	All	All
Operating System	Cisco	ios	15.1(3)svs	All	All	All
Operating System	Cisco	ios	15.1(3)svs1	All	All	All
Operating System	Cisco	ios	15.2(2)e10	All	All	All
Operating System	Cisco	ios	15.2(2)e6	All	All	All
Operating System	Cisco	ios	15.2(2)e7	All	All	All
Operating System	Cisco	ios	15.2(2)e7b	All	All	All
Operating System	Cisco	ios	15.2(2)e8	All	All	All
Operating System	Cisco	ios	15.2(2)e9	All	All	All
Operating System	Cisco	ios	15.2(2)e9a	All	All	All
Operating System	Cisco	ios	15.2(3)e5	All	All	All
Operating System	Cisco	ios	15.2(4)e10	All	All	All
Operating System	Cisco	ios	15.2(4)e10a	All	All	All
Operating System	Cisco	ios	15.2(4)e4	All	All	All

Operating System	Cisco	ios	15.2(4)e5	All	All	All
Operating System	Cisco	ios	15.2(4)e5a	All	All	All
Operating System	Cisco	ios	15.2(4)e6	All	All	All
Operating System	Cisco	ios	15.2(4)e7	All	All	All
Operating System	Cisco	ios	15.2(4)e8	All	All	All
Operating System	Cisco	ios	15.2(4)e9	All	All	All
Operating System	Cisco	ios	15.2(4)ea10	All	All	All
Operating System	Cisco	ios	15.2(4)ea6	All	All	All
Operating System	Cisco	ios	15.2(4)ea7	All	All	All
Operating System	Cisco	ios	15.2(4)ea8	All	All	All
Operating System	Cisco	ios	15.2(4)ea9	All	All	All
Operating System	Cisco	ios	15.2(4)ea9a	All	All	All
Operating System	Cisco	ios	15.2(5a)e1	All	All	All
Operating System	Cisco	ios	15.2(5)e1	All	All	All
Operating System	Cisco	ios	15.2(5)e2	All	All	All
Operating System	Cisco	ios	15.2(5)e2b	All	All	All
Operating System	Cisco	ios	15.2(5)e2c	All	All	All
Operating System	Cisco	ios	15.2(5)ex	All	All	All
Operating System	Cisco	ios	15.2(6)e	All	All	All
Operating System	Cisco	ios	15.2(6)e0a	All	All	All
Operating System	Cisco	ios	15.2(6)e0c	All	All	All
Operating System	Cisco	ios	15.2(6)e1	All	All	All
Operating System	Cisco	ios	15.2(6)e1a	All	All	All
Operating System	Cisco	ios	15.2(6)e1s	All	All	All
Operating System	Cisco	ios	15.2(6)e2	All	All	All
Operating System	Cisco	ios	15.2(6)e2a	All	All	All
Operating System	Cisco	ios	15.2(6)e2b	All	All	All
Operating System	Cisco	ios	15.2(6)e3	All	All	All
Operating System	Cisco	ios	15.2(6)eb	All	All	All
Operating System	Cisco	ios	15.2(7a)e0b	All	All	All
Operating System	Cisco	ios	15.2(7b)e0b	All	All	All
Operating System	Cisco	ios	15.2(7)e	All	All	All
Operating System	Cisco	ios	15.2(7)e0a	All	All	All
Operating System	Cisco	ios	15.2(7)e0b	All	All	All
Operating System	Cisco	ios	15.2(7)e0s	All	All	All

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Operating System	Cisco	ios	15.2(7)e1a	All	All	All
Operating System	Cisco	ios	15.2(7)e2	All	All	All
Operating System	Cisco	ios	15.2(7)e2a	All	All	All
Operating System	Cisco	ios	15.2(7)e2b	All	All	All
Operating System	Cisco	ios	15.2(7)e3	All	All	All
Operating System	Cisco	ios	15.3(3)jpc97	All	All	All
Operating System	Cisco	ios	15.4(1)sy	All	All	All
Operating System	Cisco	ios	15.4(1)sy1	All	All	All
Operating System	Cisco	ios	15.4(1)sy2	All	All	All
Operating System	Cisco	ios	15.4(1)sy3	All	All	All
Operating System	Cisco	ios	15.4(1)sy4	All	All	All
Operating System	Cisco	ios	15.5(1)sy	All	All	All
Operating System	Cisco	ios	15.5(1)sy1	All	All	All
Operating System	Cisco	ios	15.5(1)sy2	All	All	All
Operating System	Cisco	ios	15.5(1)sy3	All	All	All
Operating System	Cisco	ios	15.5(1)sy4	All	All	All
Operating System	Cisco	ios	15.5(1)sy5	All	All	All
Operating System	Cisco	ios	15.5(1)sy6	All	All	All
Operating System	Cisco	ios	15.5(3)m10	All	All	All
Operating System	Cisco	ios	15.5(3)m11	All	All	All
Operating System	Cisco	ios	15.5(3)m4	All	All	All
Operating System	Cisco	ios	15.5(3)m4a	All	All	All
Operating System	Cisco	ios	15.5(3)m4b	All	All	All
Operating System	Cisco	ios	15.5(3)m4c	All	All	All
Operating System	Cisco	ios	15.5(3)m5	All	All	All
Operating System	Cisco	ios	15.5(3)m6	All	All	All
Operating System	Cisco	ios	15.5(3)m6a	All	All	All
Operating System	Cisco	ios	15.5(3)m7	All	All	All
Operating System	Cisco	ios	15.5(3)m8	All	All	All
Operating System	Cisco	ios	15.5(3)m9	All	All	All
Operating System	Cisco	ios	15.5(3)s10	All	All	All
Operating System	Cisco	ios	15.5(3)s10a	All	All	All
Operating System	Cisco	ios	15.5(3)s4	All	All	All
Operating System	Cisco	ios	15.5(3)s5	All	All	All

Operating System	Cisco	ios	15.5\3)s6	All	All	All
Operating System	Cisco	ios	15.5\3)s6a	All	All	All
Operating System	Cisco	ios	15.5\3)s6b	All	All	All
Operating System	Cisco	ios	15.5\3)s7	All	All	All
Operating System	Cisco	ios	15.5\3)s8	All	All	All
Operating System	Cisco	ios	15.5\3)s9	All	All	All
Operating System	Cisco	ios	15.5\3)s9a	All	All	All
Operating System	Cisco	ios	15.6\3)m2	All	All	All
Operating System	Cisco	ios	15.6\3)m2a	All	All	All
Operating System	Cisco	ios	15.6\3)m3	All	All	All
Operating System	Cisco	ios	15.6\3)m3a	All	All	All
Operating System	Cisco	ios	15.6\3)m4	All	All	All
Operating System	Cisco	ios	15.6\3)m5	All	All	All
Operating System	Cisco	ios	15.6\3)m6	All	All	All
Operating System	Cisco	ios	15.6\3)m6a	All	All	All
Operating System	Cisco	ios	15.6\3)m6b	All	All	All
Operating System	Cisco	ios	15.6\3)m7	All	All	All
Operating System	Cisco	ios	15.6\3)m8	All	All	All
Operating System	Cisco	ios	15.6\3)m9	All	All	All
Operating System	Cisco	ios	15.7\3)m	All	All	All
Operating System	Cisco	ios	15.7\3)m0a	All	All	All
Operating System	Cisco	ios	15.7\3)m1	All	All	All
Operating System	Cisco	ios	15.7\3)m2	All	All	All
Operating System	Cisco	ios	15.7\3)m3	All	All	All
Operating System	Cisco	ios	15.7\3)m4	All	All	All
Operating System	Cisco	ios	15.7\3)m4a	All	All	All
Operating System	Cisco	ios	15.7\3)m4b	All	All	All
Operating System	Cisco	ios	15.7\3)m5	All	All	All
Operating System	Cisco	ios	15.7\3)m6	All	All	All
Operating System	Cisco	ios	15.7\3)m7	All	All	All
Operating System	Cisco	ios	15.8\3)m	All	All	All
Operating System	Cisco	ios	15.8\3)m0a	All	All	All
Operating System	Cisco	ios	15.8\3)m0b	All	All	All
Operating System	Cisco	ios	15.8\3)m1	All	All	All
Operating System	Cisco	ios	15.8\3)m1a	All	All	All
Operating System	Cisco	ios	15.8\3)m2	All	All	All

Operating System	Cisco	ios	15.8\({3}\)m2a	All	All	All
Operating System	Cisco	ios	15.8\({3}\)m3	All	All	All
Operating System	Cisco	ios	15.8\({3}\)m3a	All	All	All
Operating System	Cisco	ios	15.8\({3}\)m3b	All	All	All
Operating System	Cisco	ios	15.8\({3}\)m4	All	All	All
Operating System	Cisco	ios	15.8\({3}\)m5	All	All	All
Operating System	Cisco	ios	15.9\({3}\)m	All	All	All
Operating System	Cisco	ios	15.9\({3}\)m0a	All	All	All
Operating System	Cisco	ios	15.9\({3}\)m1	All	All	All
Operating System	Cisco	ios	15.9\({3}\)m2	All	All	All
Operating System	Cisco	ios	15.9\({3}\)m2a	All	All	All
Operating System	Cisco	ios Xe	16.10.1	All	All	All
Operating System	Cisco	ios Xe	16.10.1a	All	All	All
Operating System	Cisco	ios Xe	16.10.1b	All	All	All
Operating System	Cisco	ios Xe	16.10.1c	All	All	All
Operating System	Cisco	ios Xe	16.10.1d	All	All	All
Operating System	Cisco	ios Xe	16.10.1e	All	All	All
Operating System	Cisco	ios Xe	16.10.1f	All	All	All
Operating System	Cisco	ios Xe	16.10.1g	All	All	All
Operating System	Cisco	ios Xe	16.10.1s	All	All	All
Operating System	Cisco	ios Xe	16.10.2	All	All	All
Operating System	Cisco	ios Xe	16.10.3	All	All	All
Operating System	Cisco	ios Xe	16.11.1	All	All	All
Operating System	Cisco	ios Xe	16.11.1a	All	All	All
Operating System	Cisco	ios Xe	16.11.1b	All	All	All
Operating System	Cisco	ios Xe	16.11.1c	All	All	All
Operating System	Cisco	ios Xe	16.11.1s	All	All	All
Operating System	Cisco	ios Xe	16.11.2	All	All	All
Operating System	Cisco	ios Xe	16.12.1	All	All	All
Operating System	Cisco	ios Xe	16.12.1a	All	All	All
Operating System	Cisco	ios Xe	16.12.1c	All	All	All
Operating System	Cisco	ios Xe	16.12.1s	All	All	All
Operating System	Cisco	ios Xe	16.12.1t	All	All	All
Operating System	Cisco	ios Xe	16.12.1w	All	All	All
Operating System	Cisco	ios Xe	16.12.1x	All	All	All

Operating System	Cisco	los Xe	16.12.1y	All	All	All
Operating System	Cisco	los Xe	16.12.1z	All	All	All
Operating System	Cisco	los Xe	16.12.2	All	All	All
Operating System	Cisco	los Xe	16.12.2a	All	All	All
Operating System	Cisco	los Xe	16.12.2s	All	All	All
Operating System	Cisco	los Xe	16.12.2t	All	All	All
Operating System	Cisco	los Xe	16.12.3	All	All	All
Operating System	Cisco	los Xe	16.12.3a	All	All	All
Operating System	Cisco	los Xe	16.12.3s	All	All	All
Operating System	Cisco	los Xe	16.12.4	All	All	All
Operating System	Cisco	los Xe	16.12.4a	All	All	All
Operating System	Cisco	los Xe	16.3.10	All	All	All
Operating System	Cisco	los Xe	16.3.11	All	All	All
Operating System	Cisco	los Xe	16.3.2	All	All	All
Operating System	Cisco	los Xe	16.3.3	All	All	All
Operating System	Cisco	los Xe	16.3.4	All	All	All
Operating System	Cisco	los Xe	16.3.5	All	All	All
Operating System	Cisco	los Xe	16.3.5b	All	All	All
Operating System	Cisco	los Xe	16.3.6	All	All	All
Operating System	Cisco	los Xe	16.3.7	All	All	All
Operating System	Cisco	los Xe	16.3.8	All	All	All
Operating System	Cisco	los Xe	16.3.9	All	All	All
Operating System	Cisco	los Xe	16.4.1	All	All	All
Operating System	Cisco	los Xe	16.4.2	All	All	All
Operating System	Cisco	los Xe	16.4.3	All	All	All
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Operating System	Cisco	los Xe	16.5.1b	All	All	All
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Operating System	Cisco	los Xe	16.6.1	All	All	All
Operating System	Cisco	los Xe	16.6.2	All	All	All
Operating System	Cisco	los Xe	16.6.3	All	All	All
Operating System	Cisco	los Xe	16.6.4	All	All	All
Operating System	Cisco	los Xe	16.6.4a	All	All	All
Operating System	Cisco	los Xe	16.6.4s	All	All	All

Operating System	Cisco	ios Xe	16.6.4s	All	All	All
Operating System	Cisco	ios Xe	16.6.5	All	All	All
Operating System	Cisco	ios Xe	16.6.5a	All	All	All
Operating System	Cisco	ios Xe	16.6.5b	All	All	All
Operating System	Cisco	ios Xe	16.6.6	All	All	All
Operating System	Cisco	ios Xe	16.6.7	All	All	All
Operating System	Cisco	ios Xe	16.6.7a	All	All	All
Operating System	Cisco	ios Xe	16.6.8	All	All	All
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Operating System	Cisco	ios Xe	16.7.1a	All	All	All
Operating System	Cisco	ios Xe	16.7.1b	All	All	All
Operating System	Cisco	ios Xe	16.7.2	All	All	All
Operating System	Cisco	ios Xe	16.7.3	All	All	All
Operating System	Cisco	ios Xe	16.7.4	All	All	All
Operating System	Cisco	ios Xe	16.8.1	All	All	All
Operating System	Cisco	ios Xe	16.8.1a	All	All	All
Operating System	Cisco	ios Xe	16.8.1b	All	All	All
Operating System	Cisco	ios Xe	16.8.1c	All	All	All
Operating System	Cisco	ios Xe	16.8.1d	All	All	All
Operating System	Cisco	ios Xe	16.8.1e	All	All	All
Operating System	Cisco	ios Xe	16.8.1s	All	All	All
Operating System	Cisco	ios Xe	16.8.2	All	All	All
Operating System	Cisco	ios Xe	16.8.3	All	All	All
Operating System	Cisco	ios Xe	16.9.1	All	All	All
Operating System	Cisco	ios Xe	16.9.1a	All	All	All
Operating System	Cisco	ios Xe	16.9.1b	All	All	All
Operating System	Cisco	ios Xe	16.9.1c	All	All	All
Operating System	Cisco	ios Xe	16.9.1d	All	All	All
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Operating System	Cisco	ios Xe	16.9.2	All	All	All
Operating System	Cisco	ios Xe	16.9.2a	All	All	All
Operating System	Cisco	ios Xe	16.9.2s	All	All	All
Operating System	Cisco	ios Xe	16.9.3	All	All	All
Operating System	Cisco	ios Xe	16.9.3a	All	All	All
Operating System	Cisco	ios Xe	16.9.3h	All	All	All
Operating System	Cisco	ios Xe	16.9.3s	All	All	All

Operating System	Cisco	los Xe	16.9.4	All	All	All
Operating System	Cisco	los Xe	16.9.4c	All	All	All
Operating System	Cisco	los Xe	16.9.5	All	All	All
Operating System	Cisco	los Xe	16.9.5f	All	All	All
Operating System	Cisco	los Xe	16.9.6	All	All	All
Operating System	Cisco	los Xe	17.1.1	All	All	All
Operating System	Cisco	los Xe	17.1.1a	All	All	All
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Operating System	Cisco	los Xe	17.1.2	All	All	All
Operating System	Cisco	los Xe	17.2.1	All	All	All
Operating System	Cisco	los Xe	17.2.1a	All	All	All
Operating System	Cisco	los Xe	17.2.1r	All	All	All
Operating System	Cisco	los Xe	17.2.1v	All	All	All
Operating System	Cisco	los Xe	17.2.2	All	All	All
Operating System	Cisco	los Xe	17.3.1	All	All	All
Operating System	Cisco	los Xe	17.3.1a	All	All	All
Operating System	Cisco	los Xe	17.3.1w	All	All	All
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Operating System	Cisco	los Xe	17.3.2a	All	All	All
Operating System	Cisco	los Xe	3.10.0ce	All	All	All
Operating System	Cisco	los Xe	3.10.0e	All	All	All
Operating System	Cisco	los Xe	3.10.1ae	All	All	All
Operating System	Cisco	los Xe	3.10.1e	All	All	All
Operating System	Cisco	los Xe	3.10.1se	All	All	All
Operating System	Cisco	los Xe	3.10.2e	All	All	All
Operating System	Cisco	los Xe	3.10.3e	All	All	All
Operating System	Cisco	los Xe	3.11.0e	All	All	All
Operating System	Cisco	los Xe	3.11.1ae	All	All	All
Operating System	Cisco	los Xe	3.11.1e	All	All	All
Operating System	Cisco	los Xe	3.11.2ae	All	All	All
Operating System	Cisco	los Xe	3.11.2e	All	All	All
Operating System	Cisco	los Xe	3.11.3ae	All	All	All
Operating System	Cisco	los Xe	3.11.3e	All	All	All
Operating System	Cisco	los Xe	3.16.10as	All	All	All

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Operating System	Cisco	ios Xe	3.16.4as	All	All	All
Operating System	Cisco	ios Xe	3.16.4bs	All	All	All
Operating System	Cisco	ios Xe	3.16.4cs	All	All	All
Operating System	Cisco	ios Xe	3.16.4ds	All	All	All
Operating System	Cisco	ios Xe	3.16.4es	All	All	All
Operating System	Cisco	ios Xe	3.16.4gs	All	All	All
Operating System	Cisco	ios Xe	3.16.4s	All	All	All
Operating System	Cisco	ios Xe	3.16.5as	All	All	All
Operating System	Cisco	ios Xe	3.16.5bs	All	All	All
Operating System	Cisco	ios Xe	3.16.5s	All	All	All
Operating System	Cisco	ios Xe	3.16.6bs	All	All	All
Operating System	Cisco	ios Xe	3.16.6s	All	All	All
Operating System	Cisco	ios Xe	3.16.7as	All	All	All
Operating System	Cisco	ios Xe	3.16.7bs	All	All	All
Operating System	Cisco	ios Xe	3.16.7s	All	All	All
Operating System	Cisco	ios Xe	3.16.8s	All	All	All
Operating System	Cisco	ios Xe	3.16.9s	All	All	All
Operating System	Cisco	ios Xe	3.6.10e	All	All	All
Operating System	Cisco	ios Xe	3.6.6e	All	All	All
Operating System	Cisco	ios Xe	3.6.7ae	All	All	All
Operating System	Cisco	ios Xe	3.6.7be	All	All	All
Operating System	Cisco	ios Xe	3.6.7e	All	All	All
Operating System	Cisco	ios Xe	3.6.8e	All	All	All
Operating System	Cisco	ios Xe	3.6.9ae	All	All	All
Operating System	Cisco	ios Xe	3.6.9e	All	All	All
Operating System	Cisco	ios Xe	3.7.5e	All	All	All
Operating System	Cisco	ios Xe	3.8.10e	All	All	All
Operating System	Cisco	ios Xe	3.8.4e	All	All	All
Operating System	Cisco	ios Xe	3.8.5ae	All	All	All
Operating System	Cisco	ios Xe	3.8.5e	All	All	All
Operating System	Cisco	ios Xe	3.8.6e	All	All	All
Operating System	Cisco	ios Xe	3.8.7e	All	All	All
Operating System	Cisco	ios Xe	3.8.8e	All	All	All
Operating System	Cisco	ios Xe	3.8.9e	All	All	All
Operating System	Cisco	ios Xe	3.9.1e	All	All	All

Operating System	Cisco	IOS XE	3.9.1e	All	All	All
Operating System	Cisco	ios Xe	3.9.2be	All	All	All
Operating System	Cisco	ios Xe	3.9.2e	All	All	All

References

Reference	Source	Link	Tags
Cisco IOS and IOS XE Software ARP Resource Management Exhaustion Denial of Service Vulnerability	CISCO	tools.cisco.com	
CVE Program record	CVE.ORG	www.cve.org	car
NVD vulnerability detail	NVD	nvd.nist.gov	car

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

316912 Cisco IOS and IOS XE Software ARP Resource Management Exhaustion Denial of Service Vulnerability(cisco-sa-arp-mtfhBfjE)
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