



CVE-2019-1751

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

Summary

CVE	CVE-2019-1751
State	PUBLIC
Assigner	psirt@cisco.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2019-03-28 00:29:00 UTC
Updated	2019-10-09 23:47:00 UTC
Description	A vulnerability in the Network Address Translation 64 (NAT64) functions of Cisco IOS Software could allow an unauthenticated

Risk And Classification

Problem Types: CWE-20

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Cisco	ios	15.4(1)cg1	All	All	All
Operating System	Cisco	ios	15.4(1)t	All	All	All
Operating System	Cisco	ios	15.4(1)t1	All	All	All
Operating System	Cisco	ios	15.4(1)t2	All	All	All
Operating System	Cisco	ios	15.4(1)t3	All	All	All
Operating System	Cisco	ios	15.4(1)t4	All	All	All
Operating System	Cisco	ios	15.4(2)t	All	All	All
Operating System	Cisco	ios	15.4(2)t1	All	All	All
Operating System	Cisco	ios	15.4(2)t2	All	All	All
Operating System	Cisco	ios	15.4(2)t3	All	All	All
Operating System	Cisco	ios	15.4(2)t4	All	All	All
Operating System	Cisco	ios	15.4(3)m	All	All	All
Operating System	Cisco	ios	15.4(3)m1	All	All	All
Operating System	Cisco	ios	15.4(3)m10	All	All	All
Operating System	Cisco	ios	15.4(3)m2	All	All	All
Operating System	Cisco	ios	15.4(3)m3	All	All	All
Operating System	Cisco	ios	15.4(3)m4	All	All	All

Operating System	Cisco	ios	15.4(3)m5	All	All	All
Operating System	Cisco	ios	15.4(3)m6	All	All	All
Operating System	Cisco	ios	15.4(3)m6a	All	All	All
Operating System	Cisco	ios	15.4(3)m7	All	All	All
Operating System	Cisco	ios	15.4(3)m7a	All	All	All
Operating System	Cisco	ios	15.4(3)m8	All	All	All
Operating System	Cisco	ios	15.4(3)m9	All	All	All
Operating System	Cisco	ios	15.4\1\cg1	All	All	All
Operating System	Cisco	ios	15.4\1\t	All	All	All
Operating System	Cisco	ios	15.4\1\t1	All	All	All
Operating System	Cisco	ios	15.4\1\t2	All	All	All
Operating System	Cisco	ios	15.4\1\t3	All	All	All
Operating System	Cisco	ios	15.4\1\t4	All	All	All
Operating System	Cisco	ios	15.4\2\t	All	All	All
Operating System	Cisco	ios	15.4\2\t1	All	All	All
Operating System	Cisco	ios	15.4\2\t2	All	All	All
Operating System	Cisco	ios	15.4\2\t3	All	All	All
Operating System	Cisco	ios	15.4\2\t4	All	All	All
Operating System	Cisco	ios	15.4\3\m	All	All	All
Operating System	Cisco	ios	15.4\3\m1	All	All	All
Operating System	Cisco	ios	15.4\3\m10	All	All	All
Operating System	Cisco	ios	15.4\3\m2	All	All	All
Operating System	Cisco	ios	15.4\3\m3	All	All	All
Operating System	Cisco	ios	15.4\3\m4	All	All	All
Operating System	Cisco	ios	15.4\3\m5	All	All	All
Operating System	Cisco	ios	15.4\3\m6	All	All	All
Operating System	Cisco	ios	15.4\3\m6a	All	All	All
Operating System	Cisco	ios	15.4\3\m7	All	All	All
Operating System	Cisco	ios	15.4\3\m7a	All	All	All
Operating System	Cisco	ios	15.4\3\m8	All	All	All
Operating System	Cisco	ios	15.4\3\m9	All	All	All
Operating System	Cisco	ios	15.5(1)t	All	All	All
Operating System	Cisco	ios	15.5(1)t1	All	All	All
Operating System	Cisco	ios	15.5(1)t2	All	All	All
Operating System	Cisco	ios	15.5(1)t3	All	All	All

Operating System	Cisco	ios	15.5\3\m0a	All	All	All
Operating System	Cisco	ios	15.5\3\m1	All	All	All
Operating System	Cisco	ios	15.5\3\m2	All	All	All
Operating System	Cisco	ios	15.5\3\m2a	All	All	All
Operating System	Cisco	ios	15.5\3\m3	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\m5a	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	15.6(1)t	All	All	All
Operating System	Cisco	ios	15.6(1)t0a	All	All	All
Operating System	Cisco	ios	15.6(1)t1	All	All	All
Operating System	Cisco	ios	15.6(1)t2	All	All	All
Operating System	Cisco	ios	15.6(1)t3	All	All	All
Operating System	Cisco	ios	15.6(2)t	All	All	All
Operating System	Cisco	ios	15.6(2)t0a	All	All	All
Operating System	Cisco	ios	15.6(2)t1	All	All	All
Operating System	Cisco	ios	15.6(2)t2	All	All	All
Operating System	Cisco	ios	15.6(2)t3	All	All	All
Operating System	Cisco	ios	15.6(3)m	All	All	All
Operating System	Cisco	ios	15.6(3)m0a	All	All	All
Operating System	Cisco	ios	15.6(3)m1	All	All	All
Operating System	Cisco	ios	15.6(3)m1a	All	All	All
Operating System	Cisco	ios	15.6(3)m1b	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\1)t	All	All	All
Operating System	Cisco	ios	15.6\1)t0a	All	All	All
Operating System	Cisco	ios	15.6\1)t1	All	All	All
Operating System	Cisco	ios	15.6\1)t2	All	All	All
Operating System	Cisco	ios	15.6\1)t3	All	All	All
Operating System	Cisco	ios	15.6\2)t	All	All	All
Operating System	Cisco	ios	15.6\2)t0a	All	All	All
Operating System	Cisco	ios	15.6\2)t1	All	All	All
Operating System	Cisco	ios	15.6\2)t2	All	All	All
Operating System	Cisco	ios	15.6\2)t3	All	All	All
Operating System	Cisco	ios	15.6\3)m	All	All	All
Operating System	Cisco	ios	15.6\3)m0a	All	All	All
Operating System	Cisco	ios	15.6\3)m1	All	All	All
Operating System	Cisco	ios	15.6\3)m1a	All	All	All
Operating System	Cisco	ios	15.6\3)m1b	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	15.7(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)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	15.8(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)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	15.4\1\cg1	All	All	All
Operating System	Cisco	ios	15.4\1\t	All	All	All
Operating System	Cisco	ios	15.4\1\t1	All	All	All
Operating System	Cisco	ios	15.4\1\t2	All	All	All
Operating System	Cisco	ios	15.4\1\t3	All	All	All
Operating System	Cisco	ios	15.4\1\t4	All	All	All
Operating System	Cisco	ios	15.4\2\t	All	All	All
Operating System	Cisco	ios	15.4\2\t1	All	All	All
Operating System	Cisco	ios	15.4\2\t2	All	All	All
Operating System	Cisco	ios	15.4\2\t3	All	All	All
Operating System	Cisco	ios	15.4\2\t4	All	All	All
Operating System	Cisco	ios	15.4\3\m	All	All	All
Operating System	Cisco	ios	15.4\3\m1	All	All	All
Operating System	Cisco	ios	15.4\3\m10	All	All	All
Operating System	Cisco	ios	15.4\3\m2	All	All	All
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Operating System	Cisco	ios	15.4\3\m6a	All	All	All
Operating System	Cisco	ios	15.4\3\m7	All	All	All
Operating System	Cisco	ios	15.4\3\m7a	All	All	All
Operating System	Cisco	ios	15.4\3\m8	All	All	All
Operating System	Cisco	ios	15.4\3\m9	All	All	All
Operating System	Cisco	ios	15.5\1\t	All	All	All
Operating System	Cisco	ios	15.5\1\t1	All	All	All
Operating System	Cisco	ios	15.5\1\t2	All	All	All
Operating System	Cisco	ios	15.5\1\t3	All	All	All
Operating System	Cisco	ios	15.5\1\t4	All	All	All
Operating System	Cisco	ios	15.5\2\t	All	All	All
Operating System	Cisco	ios	15.5\2\t1	All	All	All
Operating System	Cisco	ios	15.5\2\t2	All	All	All
Operating System	Cisco	ios	15.5\2\t3	All	All	All
Operating System	Cisco	ios	15.5\2\t4	All	All	All

Operating System	Cisco	ios	15.5\2\T4	All	All	All
Operating System	Cisco	ios	15.5\2\xb	All	All	All
Operating System	Cisco	ios	15.5\3\m	All	All	All
Operating System	Cisco	ios	15.5\3\m0a	All	All	All
Operating System	Cisco	ios	15.5\3\m1	All	All	All
Operating System	Cisco	ios	15.5\3\m2	All	All	All
Operating System	Cisco	ios	15.5\3\m2a	All	All	All
Operating System	Cisco	ios	15.5\3\m3	All	All	All
Operating System	Cisco	ios	15.5\3\m4	All	All	All
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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\m5a	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	15.6\1\t	All	All	All
Operating System	Cisco	ios	15.6\1\t0a	All	All	All
Operating System	Cisco	ios	15.6\1\t1	All	All	All
Operating System	Cisco	ios	15.6\1\t2	All	All	All
Operating System	Cisco	ios	15.6\1\t3	All	All	All
Operating System	Cisco	ios	15.6\2\t	All	All	All
Operating System	Cisco	ios	15.6\2\t0a	All	All	All
Operating System	Cisco	ios	15.6\2\t1	All	All	All
Operating System	Cisco	ios	15.6\2\t2	All	All	All
Operating System	Cisco	ios	15.6\2\t3	All	All	All
Operating System	Cisco	ios	15.6\3\m	All	All	All
Operating System	Cisco	ios	15.6\3\m0a	All	All	All
Operating System	Cisco	ios	15.6\3\m1	All	All	All
Operating System	Cisco	ios	15.6\3\m1a	All	All	All
Operating System	Cisco	ios	15.6\3\m1b	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	15.7\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	15.8\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

References				
Reference	Source	Link	Tags	
Cisco IOS Software NAT64 Denial of Service Vulnerability	CISCO	tools.cisco.com	Patch, Vendor Advisory	
Cisco IOS Software CVE-2019-1751 Denial of Service Vulnerability	BID	www.securityfocus.com	Third Party Advisory, VDB Entry	
CVE Program record	CVE.ORG	www.cve.org	canonical	
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis	

No vendor comments have been submitted for this CVE.

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