



# CVE-2020-3228

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

## Summary

<b>CVE</b>	CVE-2020-3228
<b>State</b>	PUBLIC
<b>Assigner</b>	psirt@cisco.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2020-06-03 18:15:00 UTC
<b>Updated</b>	2021-10-18 12:08:00 UTC
<b>Description</b>	A vulnerability in Security Group Tag Exchange Protocol (SXP) in Cisco IOS Software, Cisco IOS XE Software, and Cisco N

## 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	12.2(6)i1	All	All	All
Operating System	Cisco	ios	15.1(1)sy	All	All	All
Operating System	Cisco	ios	15.1(1)sy1	All	All	All
Operating System	Cisco	ios	15.1(1)sy2	All	All	All
Operating System	Cisco	ios	15.1(1)sy3	All	All	All
Operating System	Cisco	ios	15.1(1)sy4	All	All	All
Operating System	Cisco	ios	15.1(1)sy5	All	All	All
Operating System	Cisco	ios	15.1(1)sy6	All	All	All
Operating System	Cisco	ios	15.1(2)sy	All	All	All
Operating System	Cisco	ios	15.1(2)sy1	All	All	All
Operating System	Cisco	ios	15.1(2)sy10	All	All	All
Operating System	Cisco	ios	15.1(2)sy11	All	All	All
Operating System	Cisco	ios	15.1(2)sy12	All	All	All
Operating System	Cisco	ios	15.1(2)sy13	All	All	All
Operating System	Cisco	ios	15.1(2)sy14	All	All	All
Operating System	Cisco	ios	15.1(2)sy2	All	All	All
Operating System	Cisco	ios	15.1(2)sy3	All	All	All

Operating System	Cisco	ios	15.1\2\sy4	All	All	All
Operating System	Cisco	ios	15.1\2\sy4a	All	All	All
Operating System	Cisco	ios	15.1\2\sy5	All	All	All
Operating System	Cisco	ios	15.1\2\sy6	All	All	All
Operating System	Cisco	ios	15.1\2\sy7	All	All	All
Operating System	Cisco	ios	15.1\2\sy8	All	All	All
Operating System	Cisco	ios	15.1\2\sy9	All	All	All
Operating System	Cisco	ios	15.2\1\ey	All	All	All
Operating System	Cisco	ios	15.2\1\ey1	All	All	All
Operating System	Cisco	ios	15.2\1\ey2	All	All	All
Operating System	Cisco	ios	15.2\1\ey3	All	All	All
Operating System	Cisco	ios	15.2\1\ey	All	All	All
Operating System	Cisco	ios	15.2\1\sy	All	All	All
Operating System	Cisco	ios	15.2\1\sy0a	All	All	All
Operating System	Cisco	ios	15.2\1\sy1	All	All	All
Operating System	Cisco	ios	15.2\1\sy1a	All	All	All
Operating System	Cisco	ios	15.2\1\sy2	All	All	All
Operating System	Cisco	ios	15.2\1\sy3	All	All	All
Operating System	Cisco	ios	15.2\1\sy4	All	All	All
Operating System	Cisco	ios	15.2\1\sy5	All	All	All
Operating System	Cisco	ios	15.2\1\sy6	All	All	All
Operating System	Cisco	ios	15.2\1\sy7	All	All	All
Operating System	Cisco	ios	15.2\1\sy8	All	All	All
Operating System	Cisco	ios	15.2\2a\ey1	All	All	All
Operating System	Cisco	ios	15.2\2a\ey2	All	All	All
Operating System	Cisco	ios	15.2\2b\ey	All	All	All
Operating System	Cisco	ios	15.2\2\ey	All	All	All
Operating System	Cisco	ios	15.2\2\ey1	All	All	All
Operating System	Cisco	ios	15.2\2\ey10	All	All	All
Operating System	Cisco	ios	15.2\2\ey2	All	All	All
Operating System	Cisco	ios	15.2\2\ey3	All	All	All
Operating System	Cisco	ios	15.2\2\ey4	All	All	All
Operating System	Cisco	ios	15.2\2\ey5	All	All	All
Operating System	Cisco	ios	15.2\2\ey5a	All	All	All
Operating System	Cisco	ios	15.2\2\ey5b	All	All	All



Operating System	Cisco	ios	15.2\4q)e1	All	All	All
Operating System	Cisco	ios	15.2\4s)e1	All	All	All
Operating System	Cisco	ios	15.2\4)e	All	All	All
Operating System	Cisco	ios	15.2\4)e1	All	All	All
Operating System	Cisco	ios	15.2\4)e2	All	All	All
Operating System	Cisco	ios	15.2\4)e3	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)ea	All	All	All
Operating System	Cisco	ios	15.2\4)ea1	All	All	All
Operating System	Cisco	ios	15.2\4)ea2	All	All	All
Operating System	Cisco	ios	15.2\4)ea3	All	All	All
Operating System	Cisco	ios	15.2\4)ea4	All	All	All
Operating System	Cisco	ios	15.2\4)ea5	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)ec1	All	All	All
Operating System	Cisco	ios	15.2\4)ec2	All	All	All
Operating System	Cisco	ios	15.2\5a)e1	All	All	All
Operating System	Cisco	ios	15.2\5b)e	All	All	All
Operating System	Cisco	ios	15.2\5)e	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)ea	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)e3	All	All	All
Operating System	Cisco	ios	15.2(6)e4	All	All	All
Operating System	Cisco	ios	15.2(6)eb	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
Operating System	Cisco	ios	15.3(0)sy	All	All	All
Operating System	Cisco	ios	15.3(1)sy	All	All	All
Operating System	Cisco	ios	15.3(1)sy1	All	All	All
Operating System	Cisco	ios	15.3(1)sy2	All	All	All
Operating System	Cisco	ios	15.3(2)t	All	All	All
Operating System	Cisco	ios	15.3(2)t1	All	All	All
Operating System	Cisco	ios	15.3(2)t2	All	All	All
Operating System	Cisco	ios	15.3(2)t3	All	All	All
Operating System	Cisco	ios	15.3(2)t4	All	All	All
Operating System	Cisco	ios	15.3(3)jaa1	All	All	All
Operating System	Cisco	ios	15.3(3)jpi	All	All	All
Operating System	Cisco	ios	15.3(3)jpi	All	All	All
Operating System	Cisco	ios	15.3(3)m	All	All	All
Operating System	Cisco	ios	15.3(3)m1	All	All	All
Operating System	Cisco	ios	15.3(3)m10	All	All	All
Operating System	Cisco	ios	15.3(3)m2	All	All	All
Operating System	Cisco	ios	15.3(3)m3	All	All	All
Operating System	Cisco	ios	15.3(3)m4	All	All	All
Operating System	Cisco	ios	15.3(3)m5	All	All	All
Operating System	Cisco	ios	15.3(3)m6	All	All	All
Operating System	Cisco	ios	15.3(3)m7	All	All	All
Operating System	Cisco	ios	15.3(3)m8	All	All	All
Operating System	Cisco	ios	15.3(3)m8a	All	All	All
Operating System	Cisco	ios	15.3(3)m9	All	All	All

Operating System	Cisco	ios	15.3\3\xb12	All	All	All
Operating System	Cisco	ios	15.4\1\cg1	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	15.4\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\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\t	All	All	All
Operating System	Cisco	ios	15.5\1\t1	All	All	All

Operating System	Cisco	ios	15.5\1\1t1	All	All	All
Operating System	Cisco	ios	15.5\1\1t2	All	All	All
Operating System	Cisco	ios	15.5\1\1t3	All	All	All
Operating System	Cisco	ios	15.5\1\1t4	All	All	All
Operating System	Cisco	ios	15.5\2\1t	All	All	All
Operating System	Cisco	ios	15.5\2\1t1	All	All	All
Operating System	Cisco	ios	15.5\2\1t2	All	All	All
Operating System	Cisco	ios	15.5\2\1t3	All	All	All
Operating System	Cisco	ios	15.5\2\1t4	All	All	All
Operating System	Cisco	ios	15.5\2\1xb	All	All	All
Operating System	Cisco	ios	15.5\3\1m	All	All	All
Operating System	Cisco	ios	15.5\3\1m1	All	All	All
Operating System	Cisco	ios	15.5\3\1m2	All	All	All
Operating System	Cisco	ios	15.5\3\1m2a	All	All	All
Operating System	Cisco	ios	15.5\3\1m3	All	All	All
Operating System	Cisco	ios	15.5\3\1m4	All	All	All
Operating System	Cisco	ios	15.5\3\1m4a	All	All	All
Operating System	Cisco	ios	15.5\3\1m4b	All	All	All
Operating System	Cisco	ios	15.5\3\1m4c	All	All	All
Operating System	Cisco	ios	15.5\3\1m5	All	All	All
Operating System	Cisco	ios	15.5\3\1m6	All	All	All
Operating System	Cisco	ios	15.5\3\1m6a	All	All	All
Operating System	Cisco	ios	15.5\3\1m7	All	All	All
Operating System	Cisco	ios	15.5\3\1m8	All	All	All
Operating System	Cisco	ios	15.5\3\1m9	All	All	All
Operating System	Cisco	ios	15.6\1\1t	All	All	All
Operating System	Cisco	ios	15.6\1\1t0a	All	All	All
Operating System	Cisco	ios	15.6\1\1t1	All	All	All
Operating System	Cisco	ios	15.6\1\1t2	All	All	All
Operating System	Cisco	ios	15.6\1\1t3	All	All	All
Operating System	Cisco	ios	15.6\2\1t	All	All	All
Operating System	Cisco	ios	15.6\2\1t0a	All	All	All
Operating System	Cisco	ios	15.6\2\1t1	All	All	All
Operating System	Cisco	ios	15.6\2\1t2	All	All	All
Operating System	Cisco	ios	15.6\2\1t3	All	All	All
Operating System	Cisco	ios	15.6\3\1m	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)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	15.7\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	15.8\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)m3	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	12.2(6)i1	All	All	All
Operating System	Cisco	ios	15.1\1)sy	All	All	All
Operating System	Cisco	ios	15.1\1)sy1	All	All	All
Operating System	Cisco	ios	15.1\1)sy2	All	All	All
Operating System	Cisco	ios	15.1\1)sy3	All	All	All
Operating System	Cisco	ios	15.1\1)sy4	All	All	All
Operating System	Cisco	ios	15.1\1)sy5	All	All	All

Operating System	Cisco	ios	15.1\1\sy6	All	All	All
Operating System	Cisco	ios	15.1\2\sy	All	All	All
Operating System	Cisco	ios	15.1\2\sy1	All	All	All
Operating System	Cisco	ios	15.1\2\sy10	All	All	All
Operating System	Cisco	ios	15.1\2\sy11	All	All	All
Operating System	Cisco	ios	15.1\2\sy12	All	All	All
Operating System	Cisco	ios	15.1\2\sy13	All	All	All
Operating System	Cisco	ios	15.1\2\sy14	All	All	All
Operating System	Cisco	ios	15.1\2\sy2	All	All	All
Operating System	Cisco	ios	15.1\2\sy3	All	All	All
Operating System	Cisco	ios	15.1\2\sy4	All	All	All
Operating System	Cisco	ios	15.1\2\sy4a	All	All	All
Operating System	Cisco	ios	15.1\2\sy5	All	All	All
Operating System	Cisco	ios	15.1\2\sy6	All	All	All
Operating System	Cisco	ios	15.1\2\sy7	All	All	All
Operating System	Cisco	ios	15.1\2\sy8	All	All	All
Operating System	Cisco	ios	15.1\2\sy9	All	All	All
Operating System	Cisco	ios	15.2\1\ey	All	All	All
Operating System	Cisco	ios	15.2\1\ey1	All	All	All
Operating System	Cisco	ios	15.2\1\ey2	All	All	All
Operating System	Cisco	ios	15.2\1\ey3	All	All	All
Operating System	Cisco	ios	15.2\1\ey	All	All	All
Operating System	Cisco	ios	15.2\1\sy	All	All	All
Operating System	Cisco	ios	15.2\1\sy0a	All	All	All
Operating System	Cisco	ios	15.2\1\sy1	All	All	All
Operating System	Cisco	ios	15.2\1\sy1a	All	All	All
Operating System	Cisco	ios	15.2\1\sy2	All	All	All
Operating System	Cisco	ios	15.2\1\sy3	All	All	All
Operating System	Cisco	ios	15.2\1\sy4	All	All	All
Operating System	Cisco	ios	15.2\1\sy5	All	All	All
Operating System	Cisco	ios	15.2\1\sy6	All	All	All
Operating System	Cisco	ios	15.2\1\sy7	All	All	All
Operating System	Cisco	ios	15.2\1\sy8	All	All	All
Operating System	Cisco	ios	15.2\2a\ey1	All	All	All
Operating System	Cisco	ios	15.2\2a\ey2	All	All	All
Operating System	Cisco	ios	15.2\2a\ey3	All	All	All

Operating System	Cisco	ios	15.2(20)6	All	All	All
Operating System	Cisco	ios	15.2(2)e	All	All	All
Operating System	Cisco	ios	15.2(2)e1	All	All	All
Operating System	Cisco	ios	15.2(2)e10	All	All	All
Operating System	Cisco	ios	15.2(2)e2	All	All	All
Operating System	Cisco	ios	15.2(2)e3	All	All	All
Operating System	Cisco	ios	15.2(2)e4	All	All	All
Operating System	Cisco	ios	15.2(2)e5	All	All	All
Operating System	Cisco	ios	15.2(2)e5a	All	All	All
Operating System	Cisco	ios	15.2(2)e5b	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(2)ea	All	All	All
Operating System	Cisco	ios	15.2(2)ea1	All	All	All
Operating System	Cisco	ios	15.2(2)ea2	All	All	All
Operating System	Cisco	ios	15.2(2)ea3	All	All	All
Operating System	Cisco	ios	15.2(2)eb	All	All	All
Operating System	Cisco	ios	15.2(2)eb1	All	All	All
Operating System	Cisco	ios	15.2(2)eb2	All	All	All
Operating System	Cisco	ios	15.2(2)sy	All	All	All
Operating System	Cisco	ios	15.2(2)sy1	All	All	All
Operating System	Cisco	ios	15.2(2)sy2	All	All	All
Operating System	Cisco	ios	15.2(2)sy3	All	All	All
Operating System	Cisco	ios	15.2(3a)e	All	All	All
Operating System	Cisco	ios	15.2(3m)e2	All	All	All
Operating System	Cisco	ios	15.2(3m)e7	All	All	All
Operating System	Cisco	ios	15.2(3m)e8	All	All	All
Operating System	Cisco	ios	15.2(3)e	All	All	All
Operating System	Cisco	ios	15.2(3)e1	All	All	All
Operating System	Cisco	ios	15.2(3)e2	All	All	All
Operating System	Cisco	ios	15.2(3)e3	All	All	All
Operating System	Cisco	ios	15.2(3)e4	All	All	All

Operating System	Cisco	ios	15.2\3)e5	All	All	All
Operating System	Cisco	ios	15.2\3)ea	All	All	All
Operating System	Cisco	ios	15.2\4m)e1	All	All	All
Operating System	Cisco	ios	15.2\4m)e2	All	All	All
Operating System	Cisco	ios	15.2\4m)e3	All	All	All
Operating System	Cisco	ios	15.2\4n)e2	All	All	All
Operating System	Cisco	ios	15.2\4o)e2	All	All	All
Operating System	Cisco	ios	15.2\4o)e3	All	All	All
Operating System	Cisco	ios	15.2\4p)e1	All	All	All
Operating System	Cisco	ios	15.2\4q)e1	All	All	All
Operating System	Cisco	ios	15.2\4s)e1	All	All	All
Operating System	Cisco	ios	15.2\4)e	All	All	All
Operating System	Cisco	ios	15.2\4)e1	All	All	All
Operating System	Cisco	ios	15.2\4)e2	All	All	All
Operating System	Cisco	ios	15.2\4)e3	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)ea	All	All	All
Operating System	Cisco	ios	15.2\4)ea1	All	All	All
Operating System	Cisco	ios	15.2\4)ea2	All	All	All
Operating System	Cisco	ios	15.2\4)ea3	All	All	All
Operating System	Cisco	ios	15.2\4)ea4	All	All	All
Operating System	Cisco	ios	15.2\4)ea5	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)ec1	All	All	All
Operating System	Cisco	ios	15.2\4)ec2	All	All	All
Operating System	Cisco	ios	15.2\5a)e1	All	All	All
Operating System	Cisco	ios	15.2\5b)e	All	All	All

Operating System	Cisco	ios	15.2\5)e	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)ea	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)e3	All	All	All
Operating System	Cisco	ios	15.2\6)e4	All	All	All
Operating System	Cisco	ios	15.2\6)eb	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
Operating System	Cisco	ios	15.3\0)sy	All	All	All
Operating System	Cisco	ios	15.3\1)sy	All	All	All
Operating System	Cisco	ios	15.3\1)sy1	All	All	All
Operating System	Cisco	ios	15.3\1)sy2	All	All	All
Operating System	Cisco	ios	15.3\2)t	All	All	All
Operating System	Cisco	ios	15.3\2)t1	All	All	All
Operating System	Cisco	ios	15.3\2)t2	All	All	All
Operating System	Cisco	ios	15.3\2)t3	All	All	All
Operating System	Cisco	ios	15.3\2)t4	All	All	All
Operating System	Cisco	ios	15.3\3)jaa1	All	All	All
Operating System	Cisco	ios	15.3\3)jpi	All	All	All
Operating System	Cisco	ios	15.3\3)jpi	All	All	All
Operating System	Cisco	ios	15.3\3)m	All	All	All
Operating System	Cisco	ios	15.3\3)m1	All	All	All
Operating System	Cisco	ios	15.3\3)m10	All	All	All

Operating System	Cisco	ios	15.3(3)m1	All	All	All
Operating System	Cisco	ios	15.3(3)m2	All	All	All
Operating System	Cisco	ios	15.3(3)m3	All	All	All
Operating System	Cisco	ios	15.3(3)m4	All	All	All
Operating System	Cisco	ios	15.3(3)m5	All	All	All
Operating System	Cisco	ios	15.3(3)m6	All	All	All
Operating System	Cisco	ios	15.3(3)m7	All	All	All
Operating System	Cisco	ios	15.3(3)m8	All	All	All
Operating System	Cisco	ios	15.3(3)m8a	All	All	All
Operating System	Cisco	ios	15.3(3)m9	All	All	All
Operating System	Cisco	ios	15.3(3)xb12	All	All	All
Operating System	Cisco	ios	15.4(1)cg1	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	15.4(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)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)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)xb	All	All	All
Operating System	Cisco	ios	15.5(3)m	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)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	15.6(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)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	15.7(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	15.8(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)m3	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 Xe	16.1.1	All	All	All
Operating System	Cisco	ios Xe	16.1.2	All	All	All
Operating System	Cisco	ios Xe	16.1.3	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	16.10.1e	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	16.11.1	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	16.2.1	All	All	All
Operating System	Cisco	ios Xe	16.2.2	All	All	All
Operating System	Cisco	ios Xe	16.3.1	All	All	All
Operating System	Cisco	ios Xe	16.3.1a	All	All	All
Operating System	Cisco	ios Xe	16.3.2	All	All	All
Operating System	Cisco	ios Xe	16.3.3	All	All	All
Operating System	Cisco	ios Xe	16.3.4	All	All	All
Operating System	Cisco	ios Xe	16.3.5	All	All	All
Operating System	Cisco	ios Xe	16.3.5b	All	All	All
Operating System	Cisco	ios Xe	16.3.6	All	All	All
Operating System	Cisco	ios Xe	16.3.7	All	All	All
Operating System	Cisco	ios Xe	16.3.8	All	All	All
Operating System	Cisco	ios Xe	16.3.9	All	All	All
Operating System	Cisco	ios Xe	16.4.1	All	All	All
Operating System	Cisco	ios Xe	16.4.2	All	All	All
Operating System	Cisco	ios Xe	16.4.3	All	All	All
Operating System	Cisco	ios Xe	16.5.1	All	All	All
Operating System	Cisco	ios Xe	16.5.1a	All	All	All
Operating System	Cisco	ios Xe	16.5.1b	All	All	All

Operating System	Cisco	ios Xe	16.5.2	All	All	All
Operating System	Cisco	ios Xe	16.5.3	All	All	All
Operating System	Cisco	ios Xe	16.6.1	All	All	All
Operating System	Cisco	ios Xe	16.6.2	All	All	All
Operating System	Cisco	ios Xe	16.6.3	All	All	All
Operating System	Cisco	ios Xe	16.6.4	All	All	All
Operating System	Cisco	ios Xe	16.6.4a	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	16.6.5b	All	All	All
Operating System	Cisco	ios Xe	16.6.6	All	All	All
Operating System	Cisco	ios Xe	16.7.1	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	16.8.1	All	All	All
Operating System	Cisco	ios Xe	16.8.1a	All	All	All
Operating System	Cisco	ios Xe	16.8.1c	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	16.9.1c	All	All	All
Operating System	Cisco	ios Xe	16.9.1d	All	All	All
Operating System	Cisco	ios Xe	16.9.1s	All	All	All
Operating System	Cisco	ios Xe	16.9.2	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	16.9.3s	All	All	All
Operating System	Cisco	ios Xe	3.10.0ce	All	All	All
Operating System	Cisco	ios Xe	3.10.0e	All	All	All
Operating System	Cisco	ios Xe	3.10.0s	All	All	All
Operating System	Cisco	ios Xe	3.10.10s	All	All	All
Operating System	Cisco	ios Xe	3.10.1ae	All	All	All

Operating System	Cisco	ios Xe	3.10.1e	All	All	All
Operating System	Cisco	ios Xe	3.10.1s	All	All	All
Operating System	Cisco	ios Xe	3.10.1se	All	All	All
Operating System	Cisco	ios Xe	3.10.2as	All	All	All
Operating System	Cisco	ios Xe	3.10.2e	All	All	All
Operating System	Cisco	ios Xe	3.10.2s	All	All	All
Operating System	Cisco	ios Xe	3.10.2ts	All	All	All
Operating System	Cisco	ios Xe	3.10.3e	All	All	All
Operating System	Cisco	ios Xe	3.10.3s	All	All	All
Operating System	Cisco	ios Xe	3.10.4s	All	All	All
Operating System	Cisco	ios Xe	3.10.5s	All	All	All
Operating System	Cisco	ios Xe	3.10.6s	All	All	All
Operating System	Cisco	ios Xe	3.10.7s	All	All	All
Operating System	Cisco	ios Xe	3.10.8as	All	All	All
Operating System	Cisco	ios Xe	3.10.8s	All	All	All
Operating System	Cisco	ios Xe	3.10.9s	All	All	All
Operating System	Cisco	ios Xe	3.11.0e	All	All	All
Operating System	Cisco	ios Xe	3.11.0s	All	All	All
Operating System	Cisco	ios Xe	3.11.1s	All	All	All
Operating System	Cisco	ios Xe	3.11.2s	All	All	All
Operating System	Cisco	ios Xe	3.11.3s	All	All	All
Operating System	Cisco	ios Xe	3.11.4s	All	All	All
Operating System	Cisco	ios Xe	3.12.0as	All	All	All
Operating System	Cisco	ios Xe	3.12.0s	All	All	All
Operating System	Cisco	ios Xe	3.12.1s	All	All	All
Operating System	Cisco	ios Xe	3.12.2s	All	All	All
Operating System	Cisco	ios Xe	3.12.3s	All	All	All
Operating System	Cisco	ios Xe	3.12.4s	All	All	All
Operating System	Cisco	ios Xe	3.13.0as	All	All	All
Operating System	Cisco	ios Xe	3.13.0s	All	All	All
Operating System	Cisco	ios Xe	3.13.10s	All	All	All
Operating System	Cisco	ios Xe	3.13.1s	All	All	All
Operating System	Cisco	ios Xe	3.13.2as	All	All	All
Operating System	Cisco	ios Xe	3.13.2s	All	All	All
Operating System	Cisco	ios Xe	3.13.3s	All	All	All
Operating System	Cisco	ios Xe	3.13.4s	All	All	All

Operating System	Cisco	ios Xe	3.13.5as	All	All	All
Operating System	Cisco	ios Xe	3.13.5s	All	All	All
Operating System	Cisco	ios Xe	3.13.6as	All	All	All
Operating System	Cisco	ios Xe	3.13.6bs	All	All	All
Operating System	Cisco	ios Xe	3.13.6s	All	All	All
Operating System	Cisco	ios Xe	3.13.7as	All	All	All
Operating System	Cisco	ios Xe	3.13.7s	All	All	All
Operating System	Cisco	ios Xe	3.13.8s	All	All	All
Operating System	Cisco	ios Xe	3.13.9s	All	All	All
Operating System	Cisco	ios Xe	3.14.0s	All	All	All
Operating System	Cisco	ios Xe	3.14.1s	All	All	All
Operating System	Cisco	ios Xe	3.14.2s	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	3.15.0s	All	All	All
Operating System	Cisco	ios Xe	3.15.1cs	All	All	All
Operating System	Cisco	ios Xe	3.15.1s	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	3.16.10s	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	3.16.2bs	All	All	All
Operating System	Cisco	ios Xe	3.16.2s	All	All	All
Operating System	Cisco	ios Xe	3.16.3s	All	All	All
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	3.16.5as	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	3.17.0s	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	3.17.3s	All	All	All
Operating System	Cisco	ios Xe	3.17.4s	All	All	All
Operating System	Cisco	ios Xe	3.18.0as	All	All	All
Operating System	Cisco	ios Xe	3.18.1asp	All	All	All
Operating System	Cisco	ios Xe	3.18.1sp	All	All	All
Operating System	Cisco	ios Xe	3.18.2asp	All	All	All
Operating System	Cisco	ios Xe	3.18.3asp	All	All	All
Operating System	Cisco	ios Xe	3.18.3bsp	All	All	All
Operating System	Cisco	ios Xe	3.18.3sp	All	All	All
Operating System	Cisco	ios Xe	3.18.4sp	All	All	All
Operating System	Cisco	ios Xe	3.18.5sp	All	All	All
Operating System	Cisco	ios Xe	3.18.6sp	All	All	All
Operating System	Cisco	ios Xe	3.3.0se	All	All	All
Operating System	Cisco	ios Xe	3.3.0xo	All	All	All
Operating System	Cisco	ios Xe	3.3.1se	All	All	All
Operating System	Cisco	ios Xe	3.3.1xo	All	All	All
Operating System	Cisco	ios Xe	3.3.2se	All	All	All
Operating System	Cisco	ios Xe	3.3.2xo	All	All	All
Operating System	Cisco	ios Xe	3.3.3se	All	All	All
Operating System	Cisco	ios Xe	3.3.4se	All	All	All
Operating System	Cisco	ios Xe	3.3.5se	All	All	All
Operating System	Cisco	ios Xe	3.5.0e	All	All	All

Operating System	Cisco	IOS XE	3.5.1e	All	All	All
Operating System	Cisco	IOS XE	3.5.2e	All	All	All
Operating System	Cisco	IOS XE	3.5.3e	All	All	All
Operating System	Cisco	IOS XE	3.6.0ae	All	All	All
Operating System	Cisco	IOS XE	3.6.0be	All	All	All
Operating System	Cisco	IOS XE	3.6.0e	All	All	All
Operating System	Cisco	IOS XE	3.6.10e	All	All	All
Operating System	Cisco	IOS XE	3.6.1e	All	All	All
Operating System	Cisco	IOS XE	3.6.2ae	All	All	All
Operating System	Cisco	IOS XE	3.6.3e	All	All	All
Operating System	Cisco	IOS XE	3.6.4e	All	All	All
Operating System	Cisco	IOS XE	3.6.5ae	All	All	All
Operating System	Cisco	IOS XE	3.6.5be	All	All	All
Operating System	Cisco	IOS XE	3.6.5e	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	3.7.0e	All	All	All
Operating System	Cisco	IOS XE	3.7.1e	All	All	All
Operating System	Cisco	IOS XE	3.7.2e	All	All	All
Operating System	Cisco	IOS XE	3.7.3e	All	All	All
Operating System	Cisco	IOS XE	3.7.4e	All	All	All
Operating System	Cisco	IOS XE	3.7.5e	All	All	All
Operating System	Cisco	IOS XE	3.8.0e	All	All	All
Operating System	Cisco	IOS XE	3.8.1e	All	All	All
Operating System	Cisco	IOS XE	3.8.2e	All	All	All
Operating System	Cisco	IOS XE	3.8.3e	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	3.9.0as	All	All	All
Operating System	Cisco	ios Xe	3.9.0e	All	All	All
Operating System	Cisco	ios Xe	3.9.0s	All	All	All
Operating System	Cisco	ios Xe	3.9.1e	All	All	All
Operating System	Cisco	ios Xe	3.9.1s	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
Operating System	Cisco	ios Xe	3.9.2s	All	All	All
Operating System	Cisco	ios Xe	16.1.1	All	All	All
Operating System	Cisco	ios Xe	16.1.2	All	All	All
Operating System	Cisco	ios Xe	16.1.3	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	16.10.1e	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	16.11.1	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	16.2.1	All	All	All
Operating System	Cisco	ios Xe	16.2.2	All	All	All
Operating System	Cisco	ios Xe	16.3.1	All	All	All
Operating System	Cisco	ios Xe	16.3.1a	All	All	All
Operating System	Cisco	ios Xe	16.3.2	All	All	All
Operating System	Cisco	ios Xe	16.3.3	All	All	All
Operating System	Cisco	ios Xe	16.3.4	All	All	All
Operating System	Cisco	ios Xe	16.3.5	All	All	All
Operating System	Cisco	ios Xe	16.3.5b	All	All	All
Operating System	Cisco	ios Xe	16.3.6	All	All	All
Operating System	Cisco	ios Xe	16.3.7	All	All	All
Operating System	Cisco	ios Xe	16.3.8	All	All	All

Operating System	Cisco	ios Xe	16.3.9	All	All	All
Operating System	Cisco	ios Xe	16.4.1	All	All	All
Operating System	Cisco	ios Xe	16.4.2	All	All	All
Operating System	Cisco	ios Xe	16.4.3	All	All	All
Operating System	Cisco	ios Xe	16.5.1	All	All	All
Operating System	Cisco	ios Xe	16.5.1a	All	All	All
Operating System	Cisco	ios Xe	16.5.1b	All	All	All
Operating System	Cisco	ios Xe	16.5.2	All	All	All
Operating System	Cisco	ios Xe	16.5.3	All	All	All
Operating System	Cisco	ios Xe	16.6.1	All	All	All
Operating System	Cisco	ios Xe	16.6.2	All	All	All
Operating System	Cisco	ios Xe	16.6.3	All	All	All
Operating System	Cisco	ios Xe	16.6.4	All	All	All
Operating System	Cisco	ios Xe	16.6.4a	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	16.6.5b	All	All	All
Operating System	Cisco	ios Xe	16.6.6	All	All	All
Operating System	Cisco	ios Xe	16.7.1	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	16.8.1	All	All	All
Operating System	Cisco	ios Xe	16.8.1a	All	All	All
Operating System	Cisco	ios Xe	16.8.1c	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	16.9.1c	All	All	All
Operating System	Cisco	ios Xe	16.9.1d	All	All	All
Operating System	Cisco	ios Xe	16.9.1s	All	All	All
Operating System	Cisco	ios Xe	16.9.2	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	16.9.3s	All	All	All
Operating System	Cisco	ios Xe	3.10.0ce	All	All	All
Operating System	Cisco	ios Xe	3.10.0e	All	All	All
Operating System	Cisco	ios Xe	3.10.0s	All	All	All
Operating System	Cisco	ios Xe	3.10.10s	All	All	All
Operating System	Cisco	ios Xe	3.10.1ae	All	All	All
Operating System	Cisco	ios Xe	3.10.1e	All	All	All
Operating System	Cisco	ios Xe	3.10.1s	All	All	All
Operating System	Cisco	ios Xe	3.10.1se	All	All	All
Operating System	Cisco	ios Xe	3.10.2as	All	All	All
Operating System	Cisco	ios Xe	3.10.2e	All	All	All
Operating System	Cisco	ios Xe	3.10.2s	All	All	All
Operating System	Cisco	ios Xe	3.10.2ts	All	All	All
Operating System	Cisco	ios Xe	3.10.3e	All	All	All
Operating System	Cisco	ios Xe	3.10.3s	All	All	All
Operating System	Cisco	ios Xe	3.10.4s	All	All	All
Operating System	Cisco	ios Xe	3.10.5s	All	All	All
Operating System	Cisco	ios Xe	3.10.6s	All	All	All
Operating System	Cisco	ios Xe	3.10.7s	All	All	All
Operating System	Cisco	ios Xe	3.10.8as	All	All	All
Operating System	Cisco	ios Xe	3.10.8s	All	All	All
Operating System	Cisco	ios Xe	3.10.9s	All	All	All
Operating System	Cisco	ios Xe	3.11.0e	All	All	All
Operating System	Cisco	ios Xe	3.11.0s	All	All	All
Operating System	Cisco	ios Xe	3.11.1s	All	All	All
Operating System	Cisco	ios Xe	3.11.2s	All	All	All
Operating System	Cisco	ios Xe	3.11.3s	All	All	All
Operating System	Cisco	ios Xe	3.11.4s	All	All	All
Operating System	Cisco	ios Xe	3.12.0as	All	All	All
Operating System	Cisco	ios Xe	3.12.0s	All	All	All
Operating System	Cisco	ios Xe	3.12.1s	All	All	All
Operating System	Cisco	ios Xe	3.12.2s	All	All	All
Operating System	Cisco	ios Xe	3.12.3s	All	All	All
Operating System	Cisco	ios Xe	3.12.4s	All	All	All
Operating System	Cisco	ios Xe	3.13.0as	All	All	All

Operating System	Cisco	ios Xe	3.13.0s	All	All	All
Operating System	Cisco	ios Xe	3.13.10s	All	All	All
Operating System	Cisco	ios Xe	3.13.1s	All	All	All
Operating System	Cisco	ios Xe	3.13.2as	All	All	All
Operating System	Cisco	ios Xe	3.13.2s	All	All	All
Operating System	Cisco	ios Xe	3.13.3s	All	All	All
Operating System	Cisco	ios Xe	3.13.4s	All	All	All
Operating System	Cisco	ios Xe	3.13.5as	All	All	All
Operating System	Cisco	ios Xe	3.13.5s	All	All	All
Operating System	Cisco	ios Xe	3.13.6as	All	All	All
Operating System	Cisco	ios Xe	3.13.6bs	All	All	All
Operating System	Cisco	ios Xe	3.13.6s	All	All	All
Operating System	Cisco	ios Xe	3.13.7as	All	All	All
Operating System	Cisco	ios Xe	3.13.7s	All	All	All
Operating System	Cisco	ios Xe	3.13.8s	All	All	All
Operating System	Cisco	ios Xe	3.13.9s	All	All	All
Operating System	Cisco	ios Xe	3.14.0s	All	All	All
Operating System	Cisco	ios Xe	3.14.1s	All	All	All
Operating System	Cisco	ios Xe	3.14.2s	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	3.15.0s	All	All	All
Operating System	Cisco	ios Xe	3.15.1cs	All	All	All
Operating System	Cisco	ios Xe	3.15.1s	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	3.16.10s	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	3.16.2bs	All	All	All
Operating System	Cisco	ios Xe	3.16.2s	All	All	All
Operating System	Cisco	ios Xe	3.16.3s	All	All	All

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	3.16.5as	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	3.17.0s	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	3.17.3s	All	All	All
Operating System	Cisco	ios Xe	3.17.4s	All	All	All
Operating System	Cisco	ios Xe	3.18.0as	All	All	All
Operating System	Cisco	ios Xe	3.18.1asp	All	All	All
Operating System	Cisco	ios Xe	3.18.1sp	All	All	All
Operating System	Cisco	ios Xe	3.18.2asp	All	All	All
Operating System	Cisco	ios Xe	3.18.3asp	All	All	All
Operating System	Cisco	ios Xe	3.18.3bsp	All	All	All
Operating System	Cisco	ios Xe	3.18.3sp	All	All	All
Operating System	Cisco	ios Xe	3.18.4sp	All	All	All
Operating System	Cisco	ios Xe	3.18.5sp	All	All	All
Operating System	Cisco	ios Xe	3.18.6sp	All	All	All
Operating System	Cisco	ios Xe	3.3.0se	All	All	All
Operating System	Cisco	ios Xe	3.3.0xo	All	All	All
Operating System	Cisco	ios Xe	3.3.1se	All	All	All
Operating System	Cisco	ios Xe	3.3.1xo	All	All	All

Operating System	Cisco	IOS XE	3.3.1xu	All	All	All
Operating System	Cisco	IOS XE	3.3.2se	All	All	All
Operating System	Cisco	IOS XE	3.3.2xo	All	All	All
Operating System	Cisco	IOS XE	3.3.3se	All	All	All
Operating System	Cisco	IOS XE	3.3.4se	All	All	All
Operating System	Cisco	IOS XE	3.3.5se	All	All	All
Operating System	Cisco	IOS XE	3.5.0e	All	All	All
Operating System	Cisco	IOS XE	3.5.1e	All	All	All
Operating System	Cisco	IOS XE	3.5.2e	All	All	All
Operating System	Cisco	IOS XE	3.5.3e	All	All	All
Operating System	Cisco	IOS XE	3.6.0ae	All	All	All
Operating System	Cisco	IOS XE	3.6.0be	All	All	All
Operating System	Cisco	IOS XE	3.6.0e	All	All	All
Operating System	Cisco	IOS XE	3.6.10e	All	All	All
Operating System	Cisco	IOS XE	3.6.1e	All	All	All
Operating System	Cisco	IOS XE	3.6.2ae	All	All	All
Operating System	Cisco	IOS XE	3.6.3e	All	All	All
Operating System	Cisco	IOS XE	3.6.4e	All	All	All
Operating System	Cisco	IOS XE	3.6.5ae	All	All	All
Operating System	Cisco	IOS XE	3.6.5be	All	All	All
Operating System	Cisco	IOS XE	3.6.5e	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	3.7.0e	All	All	All
Operating System	Cisco	IOS XE	3.7.1e	All	All	All
Operating System	Cisco	IOS XE	3.7.2e	All	All	All
Operating System	Cisco	IOS XE	3.7.3e	All	All	All
Operating System	Cisco	IOS XE	3.7.4e	All	All	All
Operating System	Cisco	IOS XE	3.7.5e	All	All	All
Operating System	Cisco	IOS XE	3.8.0e	All	All	All
Operating System	Cisco	IOS XE	3.8.1e	All	All	All

Operating System	Cisco	ios Xe	3.8.2e	All	All	All
Operating System	Cisco	ios Xe	3.8.3e	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	3.9.0as	All	All	All
Operating System	Cisco	ios Xe	3.9.0e	All	All	All
Operating System	Cisco	ios Xe	3.9.0s	All	All	All
Operating System	Cisco	ios Xe	3.9.1e	All	All	All
Operating System	Cisco	ios Xe	3.9.1s	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
Operating System	Cisco	ios Xe	3.9.2s	All	All	All
Hardware	Cisco	Nexus 1000v	-	All	All	All
Hardware	Cisco	Nexus 1000v	-	All	All	All
Hardware	Cisco	Nexus 7000 10-slot	-	All	All	All
Hardware	Cisco	Nexus 7000 10-slot	-	All	All	All
Hardware	Cisco	Nexus 7000 18-slot	-	All	All	All
Hardware	Cisco	Nexus 7000 18-slot	-	All	All	All
Hardware	Cisco	Nexus 7000 4-slot	-	All	All	All
Hardware	Cisco	Nexus 7000 4-slot	-	All	All	All
Hardware	Cisco	Nexus 7000 9-slot	-	All	All	All
Hardware	Cisco	Nexus 7000 9-slot	-	All	All	All
Application	Cisco	Nx-os	5.2\{1\}sv3\{3.15\}	All	All	All
Application	Cisco	Nx-os	5.2\{1\}sv3\{3.1\}	All	All	All
Application	Cisco	Nx-os	5.2\{1\}sv3\{4.1a\}	All	All	All
Application	Cisco	Nx-os	5.2\{1\}sv3\{4.1b\}	All	All	All
Application	Cisco	Nx-os	5.2\{1\}sv3\{4.1\}	All	All	All
Application	Cisco	Nx-os	5.2\{1\}sv5\{1.1\}	All	All	All
Application	Cisco	Nx-os	5.2\{1\}sv5\{1.2\}	All	All	All
Application	Cisco	Nx-os	5.2\{1\}sv5\{1.3\}	All	All	All
Application	Cisco	Nx-os	8.0\{1\}	All	All	All

Operating System	Cisco	Nx-os	5.2\(\1\)sv3\(\3.15\)	All	All	All
Operating System	Cisco	Nx-os	5.2\(\1\)sv3\(\3.1\)	All	All	All
Operating System	Cisco	Nx-os	5.2\(\1\)sv3\(\4.1a\)	All	All	All
Operating System	Cisco	Nx-os	5.2\(\1\)sv3\(\4.1b\)	All	All	All
Operating System	Cisco	Nx-os	5.2\(\1\)sv3\(\4.1\)	All	All	All
Operating System	Cisco	Nx-os	5.2\(\1\)sv5\(\1.1\)	All	All	All
Operating System	Cisco	Nx-os	5.2\(\1\)sv5\(\1.2\)	All	All	All
Operating System	Cisco	Nx-os	5.2\(\1\)sv5\(\1.3\)	All	All	All
Operating System	Cisco	Nx-os	8.0\(\1\)	All	All	All
Application	Cisco	Nx-os	5.2\(\1\)sv3\(\3.15\)	All	All	All
Application	Cisco	Nx-os	5.2\(\1\)sv3\(\3.1\)	All	All	All
Application	Cisco	Nx-os	5.2\(\1\)sv3\(\4.1a\)	All	All	All
Application	Cisco	Nx-os	5.2\(\1\)sv3\(\4.1b\)	All	All	All
Application	Cisco	Nx-os	5.2\(\1\)sv3\(\4.1\)	All	All	All
Application	Cisco	Nx-os	5.2\(\1\)sv5\(\1.1\)	All	All	All
Application	Cisco	Nx-os	5.2\(\1\)sv5\(\1.2\)	All	All	All
Application	Cisco	Nx-os	5.2\(\1\)sv5\(\1.3\)	All	All	All
Application	Cisco	Nx-os	8.0\(\1\)	All	All	All

## References

Reference	Source	Link
Cisco IOS, IOS XE, and NX-OS Software Security Group Tag Exchange Protocol Denial of Service Vulnerability	CISCO	<a href="https://tools.cisco.com">tools.cisco.co</a>
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>

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](https://www.mitre.org) and the authoritative source of CVE content is [MITRE's CVE web site](https://www.cve.org). This site includes MITRE data granted under the following [license](https://www.mitre.org).

CVE.report and Source URL Uptime Status [status.cve.report](https://status.cve.report)