



CVE-2015-0646

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

Summary

CVE	CVE-2015-0646
State	PUBLIC
Assigner	psirt@cisco.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2015-03-26 10:59:00 UTC
Updated	2017-05-12 01:29:00 UTC
Description	Memory leak in the TCP input module in Cisco IOS 12.2, 12.4, 15.0, 15.2, 15.3, and 15.4 and IOS XE 3.3.xXO, 3.5.xE, 3.6.

Risk And Classification

Problem Types: CWE-399

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Cisco	ios	12.2	All	All	All
Operating System	Cisco	ios	12.4	All	All	All
Operating System	Cisco	ios	15.0	All	All	All
Operating System	Cisco	ios	15.1	All	All	All
Operating System	Cisco	ios	15.2	All	All	All
Operating System	Cisco	ios	15.3	All	All	All
Operating System	Cisco	ios	15.4	All	All	All
Operating System	Cisco	ios	12.2	All	All	All
Operating System	Cisco	ios	12.4	All	All	All
Operating System	Cisco	ios	15.0	All	All	All
Operating System	Cisco	ios	15.1	All	All	All
Operating System	Cisco	ios	15.2	All	All	All
Operating System	Cisco	ios	15.3	All	All	All
Operating System	Cisco	ios	15.4	All	All	All
Operating System	Cisco	ios Xe	3.10s.0	All	All	All
Operating System	Cisco	ios Xe	3.10s.0a	All	All	All
Operating System	Cisco	ios Xe	3.10s.1	All	All	All

Operating System	Cisco	los Xe	3.10s.2	All	All	All
Operating System	Cisco	los Xe	3.10s.3	All	All	All
Operating System	Cisco	los Xe	3.10s.4	All	All	All
Operating System	Cisco	los Xe	3.11s.0	All	All	All
Operating System	Cisco	los Xe	3.11s.1	All	All	All
Operating System	Cisco	los Xe	3.11s.2	All	All	All
Operating System	Cisco	los Xe	3.11s.3	All	All	All
Operating System	Cisco	los Xe	3.11s.4	All	All	All
Operating System	Cisco	los Xe	3.12s.0	All	All	All
Operating System	Cisco	los Xe	3.12s.1	All	All	All
Operating System	Cisco	los Xe	3.3xo.0	All	All	All
Operating System	Cisco	los Xe	3.3xo.1	All	All	All
Operating System	Cisco	los Xe	3.3xo.2	All	All	All
Operating System	Cisco	los Xe	3.5e.0	All	All	All
Operating System	Cisco	los Xe	3.5e.1	All	All	All
Operating System	Cisco	los Xe	3.5e.2	All	All	All
Operating System	Cisco	los Xe	3.5e.3	All	All	All
Operating System	Cisco	los Xe	3.6e.0	All	All	All
Operating System	Cisco	los Xe	3.6e.1	All	All	All
Operating System	Cisco	los Xe	3.8s.0	All	All	All
Operating System	Cisco	los Xe	3.8s.1	All	All	All
Operating System	Cisco	los Xe	3.8s.2	All	All	All
Operating System	Cisco	los Xe	3.8s_base	All	All	All
Operating System	Cisco	los Xe	3.9s.0	All	All	All
Operating System	Cisco	los Xe	3.9s.1	All	All	All
Operating System	Cisco	los Xe	3.9s.2	All	All	All
Operating System	Cisco	los Xe	3.10s.0	All	All	All
Operating System	Cisco	los Xe	3.10s.0a	All	All	All
Operating System	Cisco	los Xe	3.10s.1	All	All	All
Operating System	Cisco	los Xe	3.10s.2	All	All	All
Operating System	Cisco	los Xe	3.10s.3	All	All	All
Operating System	Cisco	los Xe	3.10s.4	All	All	All
Operating System	Cisco	los Xe	3.11s.0	All	All	All
Operating System	Cisco	los Xe	3.11s.1	All	All	All
Operating System	Cisco	los Xe	3.11s.2	All	All	All

Operating System	Cisco	los Xe	3.11s.3	All	All	All
Operating System	Cisco	los Xe	3.11s.4	All	All	All
Operating System	Cisco	los Xe	3.12s.0	All	All	All
Operating System	Cisco	los Xe	3.12s.1	All	All	All
Operating System	Cisco	los Xe	3.3xo.0	All	All	All
Operating System	Cisco	los Xe	3.3xo.1	All	All	All
Operating System	Cisco	los Xe	3.3xo.2	All	All	All
Operating System	Cisco	los Xe	3.5e.0	All	All	All
Operating System	Cisco	los Xe	3.5e.1	All	All	All
Operating System	Cisco	los Xe	3.5e.2	All	All	All
Operating System	Cisco	los Xe	3.5e.3	All	All	All
Operating System	Cisco	los Xe	3.6e.0	All	All	All
Operating System	Cisco	los Xe	3.6e.1	All	All	All
Operating System	Cisco	los Xe	3.8s.0	All	All	All
Operating System	Cisco	los Xe	3.8s.1	All	All	All
Operating System	Cisco	los Xe	3.8s.2	All	All	All
Operating System	Cisco	los Xe	3.8s_base	All	All	All
Operating System	Cisco	los Xe	3.9s.0	All	All	All
Operating System	Cisco	los Xe	3.9s.1	All	All	All
Operating System	Cisco	los Xe	3.9s.2	All	All	All

References

Reference	Source	Link
Cisco IOS and IOS-XE TCP Packet Memory Leak Lets Remote Users Deny Service - SecurityTracker	SECTRACK	www.securitytracker.com
Cisco IOS and IOS XE Software CVE-2015-0646 Denial of Service Vulnerability	BID	www.securityfocus.com
Cisco IOS Software and IOS XE Software TCP Packet Memory Leak Vulnerability	CISCO	tools.cisco.com
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[590349](#) Rockwell Automation Stratix 5900 Multiple Vulnerabilities (ICSA-17-094-04)

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