



CVE-2011-0945

- MITRE
- NVD
- CVE.ORG
- JSON API
- Print: PDF

Summary

CVE	CVE-2011-0945
State	PUBLISHED
Assigner	cisco
Source Priority	CVE Program / NVD first with legacy fallback
Published	2011-10-03 23:55:03 UTC
Updated	2026-04-29 01:13:23 UTC
Description	Memory leak in the Data-link switching (aka DLSw) feature in Cisco IOS 12.1 through 12.4 and 15.0 through 15.1, and IOS

Risk And Classification

Primary CVSS: v2.0 7.8 from nvd@nist.gov

AV:N/AC:L/Au:N/C:N/I:N/A:C

Problem Types: CWE-399 | n/a

CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Low

Authentication

None

Confidentiality

None

Integrity

None

Availability

Complete

AV:N/AC:L/Au:N/C:N/I:N/A:C

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Cisco	Ios	12.1	All	All	All

Operating System	Cisco	los	12.1t	All	All	All
Operating System	Cisco	los	12.1xi	All	All	All
Operating System	Cisco	los	12.1xj	All	All	All
Operating System	Cisco	los	12.1xl	All	All	All
Operating System	Cisco	los	12.1xm	All	All	All
Operating System	Cisco	los	12.1xp	All	All	All
Operating System	Cisco	los	12.1xq	All	All	All
Operating System	Cisco	los	12.1xr	All	All	All
Operating System	Cisco	los	12.1xs	All	All	All
Operating System	Cisco	los	12.1xt	All	All	All
Operating System	Cisco	los	12.1xu	All	All	All
Operating System	Cisco	los	12.1xv	All	All	All
Operating System	Cisco	los	12.1xy	All	All	All
Operating System	Cisco	los	12.1ya	All	All	All
Operating System	Cisco	los	12.1yb	All	All	All
Operating System	Cisco	los	12.1yc	All	All	All
Operating System	Cisco	los	12.1yd	All	All	All
Operating System	Cisco	los	12.1ye	All	All	All
Operating System	Cisco	los	12.1yf	All	All	All
Operating System	Cisco	los	12.1yh	All	All	All
Operating System	Cisco	los	12.1yi	All	All	All
Operating System	Cisco	los	12.2b	All	All	All
Operating System	Cisco	los	12.2bw	All	All	All
Operating System	Cisco	los	12.2bx	All	All	All
Operating System	Cisco	los	12.2by	All	All	All
Operating System	Cisco	los	12.2cz	All	All	All
Operating System	Cisco	los	12.2dd	All	All	All
Operating System	Cisco	los	12.2dx	All	All	All
Operating System	Cisco	los	12.2ex	All	All	All
Operating System	Cisco	los	12.2ira	All	All	All
Operating System	Cisco	los	12.2irb	All	All	All
Operating System	Cisco	los	12.2irc	All	All	All
Operating System	Cisco	los	12.2ird	All	All	All
Operating System	Cisco	los	12.2ire	All	All	All
Operating System	Cisco	los	12.2ixa	All	All	All
Operating System	Cisco	los	12.2ixb	All	All	All

Operating System	Cisco	ios	12.2ixc	All	All	All
Operating System	Cisco	ios	12.2ixd	All	All	All
Operating System	Cisco	ios	12.2ixe	All	All	All
Operating System	Cisco	ios	12.2ixf	All	All	All
Operating System	Cisco	ios	12.2ixg	All	All	All
Operating System	Cisco	ios	12.2ixh	All	All	All
Operating System	Cisco	ios	12.2mra	All	All	All
Operating System	Cisco	ios	12.2mrb	All	All	All
Operating System	Cisco	ios	12.2sbc	All	All	All
Operating System	Cisco	ios	12.2sca	All	All	All
Operating System	Cisco	ios	12.2scb	All	All	All
Operating System	Cisco	ios	12.2scc	All	All	All
Operating System	Cisco	ios	12.2scd	All	All	All
Operating System	Cisco	ios	12.2sg	All	All	All
Operating System	Cisco	ios	12.2sra	All	All	All
Operating System	Cisco	ios	12.2srb	All	All	All
Operating System	Cisco	ios	12.2sre	All	All	All
Operating System	Cisco	ios	12.2su	All	All	All
Operating System	Cisco	ios	12.2sv	All	All	All
Operating System	Cisco	ios	12.2sxa	All	All	All
Operating System	Cisco	ios	12.2sxb	All	All	All
Operating System	Cisco	ios	12.2sxd	All	All	All
Operating System	Cisco	ios	12.2sxe	All	All	All
Operating System	Cisco	ios	12.2sxf	All	All	All
Operating System	Cisco	ios	12.2sy	All	All	All
Operating System	Cisco	ios	12.2sz	All	All	All
Operating System	Cisco	ios	12.2t	All	All	All
Operating System	Cisco	ios	12.2tpc	All	All	All
Operating System	Cisco	ios	12.2xa	All	All	All
Operating System	Cisco	ios	12.2xb	All	All	All
Operating System	Cisco	ios	12.2xc	All	All	All
Operating System	Cisco	ios	12.2xd	All	All	All
Operating System	Cisco	ios	12.2xg	All	All	All
Operating System	Cisco	ios	12.2xh	All	All	All
Operating System	Cisco	ios	12.2xi	All	All	All

Operating System	Cisco	ios	12.2xj	All	All	All
Operating System	Cisco	ios	12.2xk	All	All	All
Operating System	Cisco	ios	12.2xl	All	All	All
Operating System	Cisco	ios	12.2xm	All	All	All
Operating System	Cisco	ios	12.2xn	All	All	All
Operating System	Cisco	ios	12.2xq	All	All	All
Operating System	Cisco	ios	12.2xs	All	All	All
Operating System	Cisco	ios	12.2xt	All	All	All
Operating System	Cisco	ios	12.2xu	All	All	All
Operating System	Cisco	ios	12.2xv	All	All	All
Operating System	Cisco	ios	12.2xw	All	All	All
Operating System	Cisco	ios	12.2ya	All	All	All
Operating System	Cisco	ios	12.2yb	All	All	All
Operating System	Cisco	ios	12.2yc	All	All	All
Operating System	Cisco	ios	12.2yd	All	All	All
Operating System	Cisco	ios	12.2ye	All	All	All
Operating System	Cisco	ios	12.2yf	All	All	All
Operating System	Cisco	ios	12.2yh	All	All	All
Operating System	Cisco	ios	12.2yj	All	All	All
Operating System	Cisco	ios	12.2yk	All	All	All
Operating System	Cisco	ios	12.2yl	All	All	All
Operating System	Cisco	ios	12.2ym	All	All	All
Operating System	Cisco	ios	12.2yn	All	All	All
Operating System	Cisco	ios	12.2yt	All	All	All
Operating System	Cisco	ios	12.2yu	All	All	All
Operating System	Cisco	ios	12.2yv	All	All	All
Operating System	Cisco	ios	12.2yw	All	All	All
Operating System	Cisco	ios	12.2yx	All	All	All
Operating System	Cisco	ios	12.2yy	All	All	All
Operating System	Cisco	ios	12.2yz	All	All	All
Operating System	Cisco	ios	12.2zc	All	All	All
Operating System	Cisco	ios	12.2zd	All	All	All
Operating System	Cisco	ios	12.2ze	All	All	All
Operating System	Cisco	ios	12.2zf	All	All	All
Operating System	Cisco	ios	12.2zh	All	All	All
Operating System	Cisco	ios	12.2zi	All	All	All

Operating System	Cisco	ios	12.2zj	All	All	All
Operating System	Cisco	ios	12.2zl	All	All	All
Operating System	Cisco	ios	12.2zp	All	All	All
Operating System	Cisco	ios	12.2zu	All	All	All
Operating System	Cisco	ios	12.2zy	All	All	All
Operating System	Cisco	ios	12.2zya	All	All	All
Operating System	Cisco	ios	12.3	All	All	All
Operating System	Cisco	ios	12.3b	All	All	All
Operating System	Cisco	ios	12.3t	All	All	All
Operating System	Cisco	ios	12.3tpc	All	All	All
Operating System	Cisco	ios	12.3va	All	All	All
Operating System	Cisco	ios	12.3xa	All	All	All
Operating System	Cisco	ios	12.3xb	All	All	All
Operating System	Cisco	ios	12.3xc	All	All	All
Operating System	Cisco	ios	12.3xd	All	All	All
Operating System	Cisco	ios	12.3xe	All	All	All
Operating System	Cisco	ios	12.3xf	All	All	All
Operating System	Cisco	ios	12.3xg	All	All	All
Operating System	Cisco	ios	12.3xi	All	All	All
Operating System	Cisco	ios	12.3xj	All	All	All
Operating System	Cisco	ios	12.3xk	All	All	All
Operating System	Cisco	ios	12.3xl	All	All	All
Operating System	Cisco	ios	12.3xq	All	All	All
Operating System	Cisco	ios	12.3xr	All	All	All
Operating System	Cisco	ios	12.3xs	All	All	All
Operating System	Cisco	ios	12.3xu	All	All	All
Operating System	Cisco	ios	12.3xw	All	All	All
Operating System	Cisco	ios	12.3xx	All	All	All
Operating System	Cisco	ios	12.3xy	All	All	All
Operating System	Cisco	ios	12.3xz	All	All	All
Operating System	Cisco	ios	12.3ya	All	All	All
Operating System	Cisco	ios	12.3yd	All	All	All
Operating System	Cisco	ios	12.3yf	All	All	All
Operating System	Cisco	ios	12.3yg	All	All	All
Operating System	Cisco	ios	12.3yh	All	All	All
Operating System	Cisco	ios	12.3yi	All	All	All

Operating System	Cisco	los	12.3yj	All	All	All
Operating System	Cisco	los	12.3yk	All	All	All
Operating System	Cisco	los	12.3ym	All	All	All
Operating System	Cisco	los	12.3yq	All	All	All
Operating System	Cisco	los	12.3ys	All	All	All
Operating System	Cisco	los	12.3yt	All	All	All
Operating System	Cisco	los	12.3yu	All	All	All
Operating System	Cisco	los	12.3yx	All	All	All
Operating System	Cisco	los	12.3yz	All	All	All
Operating System	Cisco	los	12.3za	All	All	All
Operating System	Cisco	los	12.4	All	All	All
Operating System	Cisco	los	12.4gc	All	All	All
Operating System	Cisco	los	12.4md	All	All	All
Operating System	Cisco	los	12.4mda	All	All	All
Operating System	Cisco	los	12.4mr	All	All	All
Operating System	Cisco	los	12.4mra	All	All	All
Operating System	Cisco	los	12.4sw	All	All	All
Operating System	Cisco	los	12.4t	All	All	All
Operating System	Cisco	los	12.4xa	All	All	All
Operating System	Cisco	los	12.4xb	All	All	All
Operating System	Cisco	los	12.4xc	All	All	All
Operating System	Cisco	los	12.4xd	All	All	All
Operating System	Cisco	los	12.4xe	All	All	All
Operating System	Cisco	los	12.4xf	All	All	All
Operating System	Cisco	los	12.4xg	All	All	All
Operating System	Cisco	los	12.4xj	All	All	All
Operating System	Cisco	los	12.4xk	All	All	All
Operating System	Cisco	los	12.4xl	All	All	All
Operating System	Cisco	los	12.4xm	All	All	All
Operating System	Cisco	los	12.4xn	All	All	All
Operating System	Cisco	los	12.4xp	All	All	All
Operating System	Cisco	los	12.4xq	All	All	All
Operating System	Cisco	los	12.4xr	All	All	All
Operating System	Cisco	los	12.4xt	All	All	All
Operating System	Cisco	los	12.4xv	All	All	All

Operating System	Cisco	ios	12.4xw	All	All	All
Operating System	Cisco	ios	12.4xy	All	All	All
Operating System	Cisco	ios	12.4xz	All	All	All
Operating System	Cisco	ios	12.4ya	All	All	All
Operating System	Cisco	ios	12.4yb	All	All	All
Operating System	Cisco	ios	12.4yd	All	All	All
Operating System	Cisco	ios	12.4ye	All	All	All
Operating System	Cisco	ios	12.4yg	All	All	All
Operating System	Cisco	ios	15.0m	All	All	All
Operating System	Cisco	ios	15.0s	All	All	All
Operating System	Cisco	ios	15.0xa	All	All	All
Operating System	Cisco	ios	15.1t	All	All	All
Operating System	Cisco	ios	15.1xb	All	All	All
Operating System	Cisco	ios Xe	3.1.0s	All	All	All
Operating System	Cisco	ios Xe	3.1.1s	All	All	All
Operating System	Cisco	ios Xe	3.1.2s	All	All	All
Operating System	Cisco	ios Xe	3.2.0s	All	All	All

Vendor Declared Affected Products					
Source	Vendor	Product	Version	Platforms	
CNA	Na	N/a	affected n/a	Not specified	

References	
Reference	Source
Cisco IOS Software Data-Link Switching IP Packet Processing Denial of Service Vulnerability	af854a3a-2127-422b-91ae-364da2661108
Cisco Security Advisory: Cisco IOS Software Data-Link Switching Vulnerability - Cisco Systems	af854a3a-2127-422b-91ae-364da2661108
CVE Program record	CVE.ORG
NVD vulnerability detail	NVD

No vendor comments have been submitted for this CVE.

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

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