



CVE-2020-3512

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064_img.jpg\)](#)

Summary

CVE	CVE-2020-3512
State	PUBLIC
Assigner	psirt@cisco.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2020-09-24 18:15:00 UTC
Updated	2020-10-08 14:03:00 UTC
Description	A vulnerability in the PROFINET handler for Link Layer Discovery Protocol (LLDP) messages of Cisco IOS Software and Ci

Risk And Classification

Problem Types: CWE-400

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Cisco	Catalyst 3650-12x48uq	-	All	All	All
Hardware	Cisco	Catalyst 3650-12x48uq	-	All	All	All
Hardware	Cisco	Catalyst 3650-12x48ur	-	All	All	All
Hardware	Cisco	Catalyst 3650-12x48ur	-	All	All	All
Hardware	Cisco	Catalyst 3650-12x48uz	-	All	All	All
Hardware	Cisco	Catalyst 3650-12x48uz	-	All	All	All
Hardware	Cisco	Catalyst 3650-24pd	-	All	All	All
Hardware	Cisco	Catalyst 3650-24pd	-	All	All	All
Hardware	Cisco	Catalyst 3650-24pdm	-	All	All	All
Hardware	Cisco	Catalyst 3650-24pdm	-	All	All	All
Hardware	Cisco	Catalyst 3650-48fqm	-	All	All	All
Hardware	Cisco	Catalyst 3650-48fqm	-	All	All	All
Hardware	Cisco	Catalyst 3650-8x24uq	-	All	All	All
Hardware	Cisco	Catalyst 3650-8x24uq	-	All	All	All
Hardware	Cisco	Catalyst 3850-24xs	-	All	All	All
Hardware	Cisco	Catalyst 3850-24xs	-	All	All	All
Hardware	Cisco	Catalyst 3850-48xs	-	All	All	All

Hardware	Cisco	Catalyst 3850-48xs	-	All	All	All
Hardware	Cisco	Catalyst 3850-nm-2-40g	-	All	All	All
Hardware	Cisco	Catalyst 3850-nm-2-40g	-	All	All	All
Hardware	Cisco	Catalyst 3850-nm-8-10g	-	All	All	All
Hardware	Cisco	Catalyst 3850-nm-8-10g	-	All	All	All
Hardware	Cisco	Catalyst C9200-24p	-	All	All	All
Hardware	Cisco	Catalyst C9200-24p	-	All	All	All
Hardware	Cisco	Catalyst C9200-24t	-	All	All	All
Hardware	Cisco	Catalyst C9200-24t	-	All	All	All
Hardware	Cisco	Catalyst C9200-48p	-	All	All	All
Hardware	Cisco	Catalyst C9200-48p	-	All	All	All
Hardware	Cisco	Catalyst C9200-48t	-	All	All	All
Hardware	Cisco	Catalyst C9200-48t	-	All	All	All
Hardware	Cisco	Catalyst C9200I-24p-4g	-	All	All	All
Hardware	Cisco	Catalyst C9200I-24p-4g	-	All	All	All
Hardware	Cisco	Catalyst C9200I-24p-4x	-	All	All	All
Hardware	Cisco	Catalyst C9200I-24p-4x	-	All	All	All
Hardware	Cisco	Catalyst C9200I-24pxg-2y	-	All	All	All
Hardware	Cisco	Catalyst C9200I-24pxg-2y	-	All	All	All
Hardware	Cisco	Catalyst C9200I-24pxg-4x	-	All	All	All
Hardware	Cisco	Catalyst C9200I-24pxg-4x	-	All	All	All
Hardware	Cisco	Catalyst C9200I-24t-4g	-	All	All	All
Hardware	Cisco	Catalyst C9200I-24t-4g	-	All	All	All
Hardware	Cisco	Catalyst C9200I-24t-4x	-	All	All	All
Hardware	Cisco	Catalyst C9200I-24t-4x	-	All	All	All
Hardware	Cisco	Catalyst C9200I-48p-4g	-	All	All	All
Hardware	Cisco	Catalyst C9200I-48p-4g	-	All	All	All
Hardware	Cisco	Catalyst C9200I-48p-4x	-	All	All	All
Hardware	Cisco	Catalyst C9200I-48p-4x	-	All	All	All
Hardware	Cisco	Catalyst C9200I-48pxg-2y	-	All	All	All
Hardware	Cisco	Catalyst C9200I-48pxg-2y	-	All	All	All
Hardware	Cisco	Catalyst C9200I-48pxg-4x	-	All	All	All
Hardware	Cisco	Catalyst C9200I-48pxg-4x	-	All	All	All
Hardware	Cisco	Catalyst C9200I-48t-4g	-	All	All	All
Hardware	Cisco	Catalyst C9200I-48t-4g	-	All	All	All

Hardware	Cisco	Catalyst C9200I-48t-4x	-	All	All	All
Hardware	Cisco	Catalyst C9200I-48t-4x	-	All	All	All
Hardware	Cisco	Catalyst C9300-24p	-	All	All	All
Hardware	Cisco	Catalyst C9300-24p	-	All	All	All
Hardware	Cisco	Catalyst C9300-24s	-	All	All	All
Hardware	Cisco	Catalyst C9300-24s	-	All	All	All
Hardware	Cisco	Catalyst C9300-24t	-	All	All	All
Hardware	Cisco	Catalyst C9300-24t	-	All	All	All
Hardware	Cisco	Catalyst C9300-24u	-	All	All	All
Hardware	Cisco	Catalyst C9300-24u	-	All	All	All
Hardware	Cisco	Catalyst C9300-24ux	-	All	All	All
Hardware	Cisco	Catalyst C9300-24ux	-	All	All	All
Hardware	Cisco	Catalyst C9300-48p	-	All	All	All
Hardware	Cisco	Catalyst C9300-48p	-	All	All	All
Hardware	Cisco	Catalyst C9300-48s	-	All	All	All
Hardware	Cisco	Catalyst C9300-48s	-	All	All	All
Hardware	Cisco	Catalyst C9300-48t	-	All	All	All
Hardware	Cisco	Catalyst C9300-48t	-	All	All	All
Hardware	Cisco	Catalyst C9300-48u	-	All	All	All
Hardware	Cisco	Catalyst C9300-48u	-	All	All	All
Hardware	Cisco	Catalyst C9300-48un	-	All	All	All
Hardware	Cisco	Catalyst C9300-48un	-	All	All	All
Hardware	Cisco	Catalyst C9300-48uxm	-	All	All	All
Hardware	Cisco	Catalyst C9300-48uxm	-	All	All	All
Hardware	Cisco	Catalyst C9300I-24p-4g	-	All	All	All
Hardware	Cisco	Catalyst C9300I-24p-4g	-	All	All	All
Hardware	Cisco	Catalyst C9300I-24p-4x	-	All	All	All
Hardware	Cisco	Catalyst C9300I-24p-4x	-	All	All	All
Hardware	Cisco	Catalyst C9300I-24t-4g	-	All	All	All
Hardware	Cisco	Catalyst C9300I-24t-4g	-	All	All	All
Hardware	Cisco	Catalyst C9300I-24t-4x	-	All	All	All
Hardware	Cisco	Catalyst C9300I-24t-4x	-	All	All	All
Hardware	Cisco	Catalyst C9300I-48p-4g	-	All	All	All
Hardware	Cisco	Catalyst C9300I-48p-4g	-	All	All	All
Hardware	Cisco	Catalyst C9300I-48p-4x	-	All	All	All

Hardware	Cisco	Catalyst C9300I-48p-4x	-	All	All	All
Hardware	Cisco	Catalyst C9300I-48t-4g	-	All	All	All
Hardware	Cisco	Catalyst C9300I-48t-4g	-	All	All	All
Hardware	Cisco	Catalyst C9300I-48t-4x	-	All	All	All
Hardware	Cisco	Catalyst C9300I-48t-4x	-	All	All	All
Hardware	Cisco	Catalyst C9404r	-	All	All	All
Hardware	Cisco	Catalyst C9404r	-	All	All	All
Hardware	Cisco	Catalyst C9407r	-	All	All	All
Hardware	Cisco	Catalyst C9407r	-	All	All	All
Hardware	Cisco	Catalyst C9410r	-	All	All	All
Hardware	Cisco	Catalyst C9410r	-	All	All	All
Hardware	Cisco	Catalyst C9500-12q	-	All	All	All
Hardware	Cisco	Catalyst C9500-12q	-	All	All	All
Hardware	Cisco	Catalyst C9500-16x	-	All	All	All
Hardware	Cisco	Catalyst C9500-16x	-	All	All	All
Hardware	Cisco	Catalyst C9500-24q	-	All	All	All
Hardware	Cisco	Catalyst C9500-24q	-	All	All	All
Hardware	Cisco	Catalyst C9500-24y4c	-	All	All	All
Hardware	Cisco	Catalyst C9500-24y4c	-	All	All	All
Hardware	Cisco	Catalyst C9500-32c	-	All	All	All
Hardware	Cisco	Catalyst C9500-32c	-	All	All	All
Hardware	Cisco	Catalyst C9500-32qc	-	All	All	All
Hardware	Cisco	Catalyst C9500-32qc	-	All	All	All
Hardware	Cisco	Catalyst C9500-40x	-	All	All	All
Hardware	Cisco	Catalyst C9500-40x	-	All	All	All
Hardware	Cisco	Catalyst C9500-48y4c	-	All	All	All
Hardware	Cisco	Catalyst C9500-48y4c	-	All	All	All
Hardware	Cisco	Connected Grid Switch 2520	-	All	All	All
Hardware	Cisco	Connected Grid Switch 2520	-	All	All	All
Hardware	Cisco	Ess 2020	-	All	All	All
Hardware	Cisco	Ess 2020	-	All	All	All
Hardware	Cisco	Ess 3300	-	All	All	All
Hardware	Cisco	Ess 3300	-	All	All	All
Hardware	Cisco	Ie-1000	-	All	All	All
Hardware	Cisco	Ie-1000	-	All	All	All
Hardware	Cisco	Ie-2000u-16tc-g	-	All	All	All

Hardware	Cisco	le-2000u-16tc-g	-	All	All	All
Hardware	Cisco	le-2000u-16tc-g-x	-	All	All	All
Hardware	Cisco	le-2000u-16tc-g-x	-	All	All	All
Hardware	Cisco	le-2000u-16tc-gp	-	All	All	All
Hardware	Cisco	le-2000u-16tc-gp	-	All	All	All
Hardware	Cisco	le-2000u-4s-g	-	All	All	All
Hardware	Cisco	le-2000u-4s-g	-	All	All	All
Hardware	Cisco	le-2000u-4t-gs	-	All	All	All
Hardware	Cisco	le-2000u-4t-gs	-	All	All	All
Hardware	Cisco	le-2000u-4ts-g	-	All	All	All
Hardware	Cisco	le-2000u-4ts-g	-	All	All	All
Hardware	Cisco	le-2000u-8tc-g	-	All	All	All
Hardware	Cisco	le-2000u-8tc-g	-	All	All	All
Hardware	Cisco	le-3000	-	All	All	All
Hardware	Cisco	le-3000	-	All	All	All
Hardware	Cisco	le-3010-16s-8pc Industrial Ethernet Switch	-	All	All	All
Hardware	Cisco	le-3010-16s-8pc Industrial Ethernet Switch	-	All	All	All
Hardware	Cisco	le-3010-24tc Industrial Ethernet Switch	-	All	All	All
Hardware	Cisco	le-3010-24tc Industrial Ethernet Switch	-	All	All	All
Hardware	Cisco	le-3200-8p2s-e	-	All	All	All
Hardware	Cisco	le-3200-8p2s-e	-	All	All	All
Hardware	Cisco	le-3200-8t2s-e	-	All	All	All
Hardware	Cisco	le-3200-8t2s-e	-	All	All	All
Hardware	Cisco	le-3300-8p2s-a	-	All	All	All
Hardware	Cisco	le-3300-8p2s-a	-	All	All	All
Hardware	Cisco	le-3300-8p2s-e	-	All	All	All
Hardware	Cisco	le-3300-8p2s-e	-	All	All	All
Hardware	Cisco	le-3300-8t2s-a	-	All	All	All
Hardware	Cisco	le-3300-8t2s-a	-	All	All	All
Hardware	Cisco	le-3300-8t2s-e	-	All	All	All
Hardware	Cisco	le-3300-8t2s-e	-	All	All	All
Hardware	Cisco	le-3300-8t2x-a	-	All	All	All
Hardware	Cisco	le-3300-8t2x-a	-	All	All	All
Hardware	Cisco	le-3300-8t2x-e	-	All	All	All
Hardware	Cisco	le-3300-8t2x-e	-	All	All	All

Hardware	Cisco	le-3300-8u2x-a	-	All	All	All
Hardware	Cisco	le-3300-8u2x-a	-	All	All	All
Hardware	Cisco	le-3300-8u2x-e	-	All	All	All
Hardware	Cisco	le-3300-8u2x-e	-	All	All	All
Hardware	Cisco	le-3400-8p2s-a	-	All	All	All
Hardware	Cisco	le-3400-8p2s-a	-	All	All	All
Hardware	Cisco	le-3400-8p2s-e	-	All	All	All
Hardware	Cisco	le-3400-8p2s-e	-	All	All	All
Hardware	Cisco	le-3400-8t2s-a	-	All	All	All
Hardware	Cisco	le-3400-8t2s-a	-	All	All	All
Hardware	Cisco	le-3400-8t2s-e	-	All	All	All
Hardware	Cisco	le-3400-8t2s-e	-	All	All	All
Hardware	Cisco	le-4000-16gt4g-e	-	All	All	All
Hardware	Cisco	le-4000-16gt4g-e	-	All	All	All
Hardware	Cisco	le-4000-16t4g-e	-	All	All	All
Hardware	Cisco	le-4000-16t4g-e	-	All	All	All
Hardware	Cisco	le-4000-4gc4gp4g-e	-	All	All	All
Hardware	Cisco	le-4000-4gc4gp4g-e	-	All	All	All
Hardware	Cisco	le-4000-4gs8gp4g-e	-	All	All	All
Hardware	Cisco	le-4000-4gs8gp4g-e	-	All	All	All
Hardware	Cisco	le-4000-4s8p4g-e	-	All	All	All
Hardware	Cisco	le-4000-4s8p4g-e	-	All	All	All
Hardware	Cisco	le-4000-4t4p4g-e	-	All	All	All
Hardware	Cisco	le-4000-4t4p4g-e	-	All	All	All
Hardware	Cisco	le-4000-4tc4g-e	-	All	All	All
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Hardware	Cisco	le-4000-8gt8gp4g-e	-	All	All	All
Hardware	Cisco	le-4000-8gt8gp4g-e	-	All	All	All
Hardware	Cisco	le-4000-8s4g-e	-	All	All	All
Hardware	Cisco	le-4000-8s4g-e	-	All	All	All
Hardware	Cisco	le-4000-8t4g-e	-	All	All	All
Hardware	Cisco	le-4000-8t4g-e	-	All	All	All

Hardware	Cisco	ie-4000-8t4g-e	-	All	All	All
Hardware	Cisco	ie-4010-16s12p Industrial Ethernet Switch	-	All	All	All
Hardware	Cisco	ie-4010-16s12p Industrial Ethernet Switch	-	All	All	All
Hardware	Cisco	ie-4010-4s24p Industrial Ethernet Switch	-	All	All	All
Hardware	Cisco	ie-4010-4s24p Industrial Ethernet Switch	-	All	All	All
Hardware	Cisco	ie-5000-12s12p-10g	-	All	All	All
Hardware	Cisco	ie-5000-12s12p-10g	-	All	All	All
Hardware	Cisco	ie-5000-16s12p	-	All	All	All
Hardware	Cisco	ie-5000-16s12p	-	All	All	All
Hardware	Cisco	iem-3300-14t2s	-	All	All	All
Hardware	Cisco	iem-3300-14t2s	-	All	All	All
Hardware	Cisco	iem-3300-16p	-	All	All	All
Hardware	Cisco	iem-3300-16p	-	All	All	All
Hardware	Cisco	iem-3300-16t	-	All	All	All
Hardware	Cisco	iem-3300-16t	-	All	All	All
Hardware	Cisco	iem-3300-4mu-2	-	All	All	All
Hardware	Cisco	iem-3300-4mu-2	-	All	All	All
Hardware	Cisco	iem-3300-6t2s	-	All	All	All
Hardware	Cisco	iem-3300-6t2s	-	All	All	All
Hardware	Cisco	iem-3300-8p	-	All	All	All
Hardware	Cisco	iem-3300-8p	-	All	All	All
Hardware	Cisco	iem-3300-8s	-	All	All	All
Hardware	Cisco	iem-3300-8s	-	All	All	All
Hardware	Cisco	iem-3300-8t	-	All	All	All
Hardware	Cisco	iem-3300-8t	-	All	All	All
Hardware	Cisco	iem-3400-8p	-	All	All	All
Hardware	Cisco	iem-3400-8p	-	All	All	All
Hardware	Cisco	iem-3400-8s	-	All	All	All
Hardware	Cisco	iem-3400-8s	-	All	All	All
Hardware	Cisco	iem-3400-8t	-	All	All	All
Hardware	Cisco	iem-3400-8t	-	All	All	All
Hardware	Cisco	ie 2000-16ptc-g Industrial Ethernet Switch	-	All	All	All
Hardware	Cisco	ie 2000-16ptc-g Industrial Ethernet Switch	-	All	All	All
Hardware	Cisco	ie 2000-16t67p Industrial Ethernet Switch	-	All	All	All
Hardware	Cisco	ie 2000-16t67p Industrial Ethernet Switch	-	All	All	All
Hardware	Cisco	ie 2000-16t67 Industrial Ethernet Switch	-	All	All	All

Hardware	Cisco	le 2000-16t67 Industrial Ethernet Switch	-	All	All	All
Hardware	Cisco	le 2000-16tc-g-e Industrial Ethernet Switch	-	All	All	All
Hardware	Cisco	le 2000-16tc-g-e Industrial Ethernet Switch	-	All	All	All
Hardware	Cisco	le 2000-16tc-g-n Industrial Ethernet Switch	-	All	All	All
Hardware	Cisco	le 2000-16tc-g-n Industrial Ethernet Switch	-	All	All	All
Hardware	Cisco	le 2000-16tc-g-x Industrial Ethernet Switch	-	All	All	All
Hardware	Cisco	le 2000-16tc-g-x Industrial Ethernet Switch	-	All	All	All
Hardware	Cisco	le 2000-16tc-g Industrial Ethernet Switch	-	All	All	All
Hardware	Cisco	le 2000-16tc-g Industrial Ethernet Switch	-	All	All	All
Hardware	Cisco	le 2000-16tc Industrial Ethernet Switch	-	All	All	All
Hardware	Cisco	le 2000-16tc Industrial Ethernet Switch	-	All	All	All
Hardware	Cisco	le 2000-24t67 Industrial Ethernet Switch	-	All	All	All
Hardware	Cisco	le 2000-24t67 Industrial Ethernet Switch	-	All	All	All
Hardware	Cisco	le 2000-4s-ts-g Industrial Ethernet Switch	-	All	All	All
Hardware	Cisco	le 2000-4s-ts-g Industrial Ethernet Switch	-	All	All	All
Hardware	Cisco	le 2000-4t-g Industrial Ethernet Switch	-	All	All	All
Hardware	Cisco	le 2000-4t-g Industrial Ethernet Switch	-	All	All	All
Hardware	Cisco	le 2000-4ts-g Industrial Ethernet Switch	-	All	All	All
Hardware	Cisco	le 2000-4ts-g Industrial Ethernet Switch	-	All	All	All
Hardware	Cisco	le 2000-4ts Industrial Ethernet Switch	-	All	All	All
Hardware	Cisco	le 2000-4ts Industrial Ethernet Switch	-	All	All	All
Hardware	Cisco	le 2000-4t Industrial Ethernet Switch	-	All	All	All
Hardware	Cisco	le 2000-4t Industrial Ethernet Switch	-	All	All	All
Hardware	Cisco	le 2000-8t67p Industrial Ethernet Switch	-	All	All	All
Hardware	Cisco	le 2000-8t67p Industrial Ethernet Switch	-	All	All	All
Hardware	Cisco	le 2000-8t67 Industrial Ethernet Switch	-	All	All	All
Hardware	Cisco	le 2000-8t67 Industrial Ethernet Switch	-	All	All	All
Hardware	Cisco	le 2000-8tc-g-e Industrial Ethernet Switch	-	All	All	All
Hardware	Cisco	le 2000-8tc-g-e Industrial Ethernet Switch	-	All	All	All
Hardware	Cisco	le 2000-8tc-g-n Industrial Ethernet Switch	-	All	All	All
Hardware	Cisco	le 2000-8tc-g-n Industrial Ethernet Switch	-	All	All	All
Hardware	Cisco	le 2000-8tc-g Industrial Ethernet Switch	-	All	All	All
Hardware	Cisco	le 2000-8tc-g Industrial Ethernet Switch	-	All	All	All
Operating System	Cisco	ios Xe	15.2(7)e	All	All	All
Operating System	Cisco	ios Xe	15.2(7)e	All	All	All

References

Reference	Source	Link	Ta
Cisco IOS and IOS XE Software PROFINET Link Layer Discovery Protocol Denial of Service Vulnerability	CISCO	tools.cisco.com	Ve
CVE Program record	CVE.ORG	www.cve.org	ca
NVD vulnerability detail	NVD	nvd.nist.gov	ca

No vendor comments have been submitted for this CVE.

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

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