



CVE-2020-3407

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Summary

CVE	CVE-2020-3407
State	PUBLIC
Assigner	psirt@cisco.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2020-09-24 18:15:00 UTC
Updated	2023-05-23 13:55:00 UTC
Description	A vulnerability in the RESTCONF and NETCONF-YANG access control list (ACL) function of Cisco IOS XE Software could

Risk And Classification

Problem Types: CWE-476

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Cisco	1100-4gltegb Integrated Services Router	-	All	All	All
Hardware	Cisco	1100-4gltena Integrated Services Router	-	All	All	All
Hardware	Cisco	1100-4g Integrated Services Router	-	All	All	All
Hardware	Cisco	1100-4p Integrated Services Router	-	All	All	All
Hardware	Cisco	1100-6g Integrated Services Router	-	All	All	All
Hardware	Cisco	1100-8p Integrated Services Router	-	All	All	All
Hardware	Cisco	1100-lte Integrated Services Router	-	All	All	All
Hardware	Cisco	1100 Integrated Services Router	-	All	All	All
Hardware	Cisco	1101-4p Integrated Services Router	-	All	All	All
Hardware	Cisco	1101 Integrated Services Router	-	All	All	All
Hardware	Cisco	1109-2p Integrated Services Router	-	All	All	All
Hardware	Cisco	1109-4p Integrated Services Router	-	All	All	All
Hardware	Cisco	1109 Integrated Services Router	-	All	All	All
Hardware	Cisco	1111x-8p Integrated Services Router	-	All	All	All
Hardware	Cisco	1111x Integrated Services Router	-	All	All	All
Hardware	Cisco	111x Integrated Services Router	-	All	All	All
Hardware	Cisco	1120 Integrated Services Router	-	All	All	All

Hardware	Cisco	1160 Integrated Services Router	-	All	All	All
Hardware	Cisco	4221 Integrated Services Router	-	All	All	All
Hardware	Cisco	4331 Integrated Services Router	-	All	All	All
Hardware	Cisco	4431 Integrated Services Router	-	All	All	All
Hardware	Cisco	4451 Integrated Services Router	-	All	All	All
Hardware	Cisco	4461 Integrated Services Router	-	All	All	All
Hardware	Cisco	Asr1001-hx	-	All	All	All
Hardware	Cisco	Asr1001-hx	-	All	All	All
Hardware	Cisco	Asr1001-hx-rf	-	All	All	All
Hardware	Cisco	Asr1001-hx-rf	-	All	All	All
Hardware	Cisco	Asr1001-x-rf	-	All	All	All
Hardware	Cisco	Asr1001-x-rf	-	All	All	All
Hardware	Cisco	Asr1001-x-ws	-	All	All	All
Hardware	Cisco	Asr1001-x-ws	-	All	All	All
Hardware	Cisco	Asr1002-hx	-	All	All	All
Hardware	Cisco	Asr1002-hx	-	All	All	All
Hardware	Cisco	Asr1002-hx-rf	-	All	All	All
Hardware	Cisco	Asr1002-hx-rf	-	All	All	All
Hardware	Cisco	Asr1002-hx-ws	-	All	All	All
Hardware	Cisco	Asr1002-hx-ws	-	All	All	All
Hardware	Cisco	Asr1002-x-rf	-	All	All	All
Hardware	Cisco	Asr1002-x-rf	-	All	All	All
Hardware	Cisco	Asr1002-x-ws	-	All	All	All
Hardware	Cisco	Asr1002-x-ws	-	All	All	All
Hardware	Cisco	Asr 1000-x	-	All	All	All
Hardware	Cisco	Asr 1000-x	-	All	All	All
Hardware	Cisco	Asr 1001	-	All	All	All
Hardware	Cisco	Asr 1001	-	All	All	All
Hardware	Cisco	Asr 1001-x	-	All	All	All
Hardware	Cisco	Asr 1001-x	-	All	All	All
Hardware	Cisco	Asr 1002	-	All	All	All
Hardware	Cisco	Asr 1002	-	All	All	All
Hardware	Cisco	Asr 1002-x	-	All	All	All
Hardware	Cisco	Asr 1002-x	-	All	All	All
Hardware	Cisco	Asr 1004	-	All	All	All

Hardware	Cisco	Asr 1004	-	All	All	All
Hardware	Cisco	Asr 1006	-	All	All	All
Hardware	Cisco	Asr 1006	-	All	All	All
Hardware	Cisco	Asr 1013	-	All	All	All
Hardware	Cisco	Asr 1013	-	All	All	All
Hardware	Cisco	Catalyst 9800-40	-	All	All	All
Hardware	Cisco	Catalyst 9800-40	-	All	All	All
Hardware	Cisco	Catalyst 9800-80	-	All	All	All
Hardware	Cisco	Catalyst 9800-80	-	All	All	All
Hardware	Cisco	Catalyst 9800-cl	-	All	All	All
Hardware	Cisco	Catalyst 9800-cl	-	All	All	All
Hardware	Cisco	Catalyst 9800-l	-	All	All	All
Hardware	Cisco	Catalyst 9800-l	-	All	All	All
Hardware	Cisco	Catalyst 9800-l-c	-	All	All	All
Hardware	Cisco	Catalyst 9800-l-c	-	All	All	All
Hardware	Cisco	Catalyst 9800-l-f	-	All	All	All
Hardware	Cisco	Catalyst 9800-l-f	-	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 C9200l-24p-4g	-	All	All	All
Hardware	Cisco	Catalyst C9200l-24p-4g	-	All	All	All
Hardware	Cisco	Catalyst C9200l-24p-4x	-	All	All	All
Hardware	Cisco	Catalyst C9200l-24p-4x	-	All	All	All
Hardware	Cisco	Catalyst C9200l-24pxg-2y	-	All	All	All
Hardware	Cisco	Catalyst C9200l-24pxg-2y	-	All	All	All
Hardware	Cisco	Catalyst C9200l-24pxg-4x	-	All	All	All
Hardware	Cisco	Catalyst C9200l-24pxg-4x	-	All	All	All
Hardware	Cisco	Catalyst C9200l-24t-4g	-	All	All	All
Hardware	Cisco	Catalyst C9200l-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	Csr 1000v	All	All	All	All
Hardware	Cisco	Csr 1000v	All	All	All	All
Hardware	Cisco	Integrated Services Router 4221	-	All	All	All
Hardware	Cisco	Integrated Services Router 4221	-	All	All	All
Hardware	Cisco	Integrated Services Router 4331	-	All	All	All
Hardware	Cisco	Integrated Services Router 4331	-	All	All	All
Hardware	Cisco	Integrated Services Router 4431	-	All	All	All
Hardware	Cisco	Integrated Services Router 4431	-	All	All	All
Hardware	Cisco	Integrated Services Router 4451	-	All	All	All
Hardware	Cisco	Integrated Services Router 4451	-	All	All	All
Hardware	Cisco	Integrated Services Router 4461	-	All	All	All
Hardware	Cisco	Integrated Services Router 4461	-	All	All	All
Application	Cisco	ios Xe	15.8\3)m3	All	All	All
Operating System	Cisco	ios Xe	15.8\3)m3	All	All	All
Application	Cisco	ios Xe	15.8\3)m3	All	All	All
Hardware	Cisco	Isr1100	-	All	All	All
Hardware	Cisco	Isr1100	-	All	All	All
Hardware	Cisco	Isr1100-4g	-	All	All	All
Hardware	Cisco	Isr1100-4g	-	All	All	All
Hardware	Cisco	Isr1100-4gltegb	-	All	All	All
Hardware	Cisco	Isr1100-4gltegb	-	All	All	All
Hardware	Cisco	Isr1100-4gltena	-	All	All	All
Hardware	Cisco	Isr1100-4gltena	-	All	All	All
Hardware	Cisco	Isr1100-6g	-	All	All	All
Hardware	Cisco	Isr1100-6g	-	All	All	All
Hardware	Cisco	Isr1100-lte	-	All	All	All
Hardware	Cisco	Isr1100-lte	-	All	All	All
Hardware	Cisco	Isr 1100-4p	-	All	All	All
Hardware	Cisco	Isr 1100-4p	-	All	All	All
Hardware	Cisco	Isr 1100-8p	-	All	All	All
Hardware	Cisco	Isr 1100-8p	-	All	All	All
Hardware	Cisco	Isr 1101	-	All	All	All
Hardware	Cisco	Isr 1101	-	All	All	All

Hardware	Cisco	Isr 1101	-	All	All	All
Hardware	Cisco	Isr 1101-4p	-	All	All	All
Hardware	Cisco	Isr 1101-4p	-	All	All	All
Hardware	Cisco	Isr 1109	-	All	All	All
Hardware	Cisco	Isr 1109	-	All	All	All
Hardware	Cisco	Isr 1109-2p	-	All	All	All
Hardware	Cisco	Isr 1109-2p	-	All	All	All
Hardware	Cisco	Isr 1109-4p	-	All	All	All
Hardware	Cisco	Isr 1109-4p	-	All	All	All
Hardware	Cisco	Isr 1111x	-	All	All	All
Hardware	Cisco	Isr 1111x	-	All	All	All
Hardware	Cisco	Isr 1111x-8p	-	All	All	All
Hardware	Cisco	Isr 1111x-8p	-	All	All	All
Hardware	Cisco	Isr 111x	-	All	All	All
Hardware	Cisco	Isr 111x	-	All	All	All
Hardware	Cisco	Isr 1120	-	All	All	All
Hardware	Cisco	Isr 1120	-	All	All	All
Hardware	Cisco	Isr 1160	-	All	All	All
Hardware	Cisco	Isr 1160	-	All	All	All
Hardware	Cisco	Ws-c3650-12x48uq	-	All	All	All
Hardware	Cisco	Ws-c3650-12x48uq	-	All	All	All
Hardware	Cisco	Ws-c3650-12x48ur	-	All	All	All
Hardware	Cisco	Ws-c3650-12x48ur	-	All	All	All
Hardware	Cisco	Ws-c3650-12x48uz	-	All	All	All
Hardware	Cisco	Ws-c3650-12x48uz	-	All	All	All
Hardware	Cisco	Ws-c3650-24pd	-	All	All	All
Hardware	Cisco	Ws-c3650-24pd	-	All	All	All
Hardware	Cisco	Ws-c3650-24pdm	-	All	All	All
Hardware	Cisco	Ws-c3650-24pdm	-	All	All	All
Hardware	Cisco	Ws-c3650-24ps	-	All	All	All
Hardware	Cisco	Ws-c3650-24ps	-	All	All	All
Hardware	Cisco	Ws-c3650-24td	-	All	All	All
Hardware	Cisco	Ws-c3650-24td	-	All	All	All
Hardware	Cisco	Ws-c3650-24ts	-	All	All	All
Hardware	Cisco	Ws-c3650-24ts	-	All	All	All
Hardware	Cisco	Ws-c3650-48fd	-	All	All	All

Hardware	Cisco	Ws-c3650-48fd	-	All	All	All
Hardware	Cisco	Ws-c3650-48fq	-	All	All	All
Hardware	Cisco	Ws-c3650-48fq	-	All	All	All
Hardware	Cisco	Ws-c3650-48fqm	-	All	All	All
Hardware	Cisco	Ws-c3650-48fqm	-	All	All	All
Hardware	Cisco	Ws-c3650-48fs	-	All	All	All
Hardware	Cisco	Ws-c3650-48fs	-	All	All	All
Hardware	Cisco	Ws-c3650-48pd	-	All	All	All
Hardware	Cisco	Ws-c3650-48pd	-	All	All	All
Hardware	Cisco	Ws-c3650-48pq	-	All	All	All
Hardware	Cisco	Ws-c3650-48pq	-	All	All	All
Hardware	Cisco	Ws-c3650-48ps	-	All	All	All
Hardware	Cisco	Ws-c3650-48ps	-	All	All	All
Hardware	Cisco	Ws-c3650-48td	-	All	All	All
Hardware	Cisco	Ws-c3650-48td	-	All	All	All
Hardware	Cisco	Ws-c3650-48tq	-	All	All	All
Hardware	Cisco	Ws-c3650-48tq	-	All	All	All
Hardware	Cisco	Ws-c3650-48ts	-	All	All	All
Hardware	Cisco	Ws-c3650-48ts	-	All	All	All
Hardware	Cisco	Ws-c3650-8x24uq	-	All	All	All
Hardware	Cisco	Ws-c3650-8x24uq	-	All	All	All
Hardware	Cisco	Ws-c3850	-	All	All	All
Hardware	Cisco	Ws-c3850	-	All	All	All
Hardware	Cisco	Ws-c3850-12s	-	All	All	All
Hardware	Cisco	Ws-c3850-12s	-	All	All	All
Hardware	Cisco	Ws-c3850-12x48u	-	All	All	All
Hardware	Cisco	Ws-c3850-12x48u	-	All	All	All
Hardware	Cisco	Ws-c3850-12xs	-	All	All	All
Hardware	Cisco	Ws-c3850-12xs	-	All	All	All
Hardware	Cisco	Ws-c3850-24p	-	All	All	All
Hardware	Cisco	Ws-c3850-24p	-	All	All	All
Hardware	Cisco	Ws-c3850-24s	-	All	All	All
Hardware	Cisco	Ws-c3850-24s	-	All	All	All
Hardware	Cisco	Ws-c3850-24t	-	All	All	All
Hardware	Cisco	Ws-c3850-24t	-	All	All	All

Hardware	Cisco	Ws-c3850-24u	-	All	All	All
Hardware	Cisco	Ws-c3850-24u	-	All	All	All
Hardware	Cisco	Ws-c3850-24xs	-	All	All	All
Hardware	Cisco	Ws-c3850-24xs	-	All	All	All
Hardware	Cisco	Ws-c3850-24xu	-	All	All	All
Hardware	Cisco	Ws-c3850-24xu	-	All	All	All
Hardware	Cisco	Ws-c3850-48f	-	All	All	All
Hardware	Cisco	Ws-c3850-48f	-	All	All	All
Hardware	Cisco	Ws-c3850-48p	-	All	All	All
Hardware	Cisco	Ws-c3850-48p	-	All	All	All
Hardware	Cisco	Ws-c3850-48t	-	All	All	All
Hardware	Cisco	Ws-c3850-48t	-	All	All	All
Hardware	Cisco	Ws-c3850-48u	-	All	All	All
Hardware	Cisco	Ws-c3850-48u	-	All	All	All
Hardware	Cisco	Ws-c3850-48xs	-	All	All	All
Hardware	Cisco	Ws-c3850-48xs	-	All	All	All

References

Reference	Source	Link
Cisco IOS XE Software RESTCONF and NETCONF-YANG Access Control List Denial of Service 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.

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

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