



# CVE-2020-3214

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

## Summary

<b>CVE</b>	CVE-2020-3214
<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>	2023-05-22 18:57:00 UTC
<b>Description</b>	A vulnerability in Cisco IOS XE Software could allow an authenticated, local attacker to escalate their privileges to a user wi

## Risk And Classification

### Problem Types: CWE-20

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Cisco	1100 Integrated Services Router	-	All	All	All
Hardware	Cisco	1101 Integrated Services Router	-	All	All	All
Hardware	Cisco	1109 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	422 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	4461 Integrated Services Router	-	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 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
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	16.11.2	All	All	All
Operating System	Cisco	ios Xe	16.12.1	All	All	All
Operating System	Cisco	ios Xe	16.12.1a	All	All	All
Operating System	Cisco	ios Xe	16.12.1c	All	All	All
Operating System	Cisco	ios Xe	16.12.1s	All	All	All
Operating System	Cisco	ios Xe	16.12.1t	All	All	All
Operating System	Cisco	ios Xe	16.12.1w	All	All	All
Operating System	Cisco	ios Xe	16.12.1x	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	16.11.2	All	All	All
Operating System	Cisco	ios Xe	16.12.1	All	All	All
Operating System	Cisco	ios Xe	16.12.1a	All	All	All
Operating System	Cisco	ios Xe	16.12.1c	All	All	All
Operating System	Cisco	ios Xe	16.12.1s	All	All	All
Operating System	Cisco	ios Xe	16.12.1t	All	All	All
Operating System	Cisco	ios Xe	16.12.1w	All	All	All
Operating System	Cisco	ios Xe	16.12.1x	All	All	All
Hardware	Cisco	Isr 1100	-	All	All	All

Hardware	Cisco	Isr 1100	-	All	All	All
Hardware	Cisco	Isr 1101	-	All	All	All
Hardware	Cisco	Isr 1101	-	All	All	All
Hardware	Cisco	Isr 1109	-	All	All	All
Hardware	Cisco	Isr 1109	-	All	All	All
Hardware	Cisco	Isr 1111x	-	All	All	All
Hardware	Cisco	Isr 1111x	-	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	Isr 422	-	All	All	All
Hardware	Cisco	Isr 422	-	All	All	All
Hardware	Cisco	Isr 4331	-	All	All	All
Hardware	Cisco	Isr 4331	-	All	All	All
Hardware	Cisco	Isr 4431	-	All	All	All
Hardware	Cisco	Isr 4431	-	All	All	All
Hardware	Cisco	Isr 4461	-	All	All	All
Hardware	Cisco	Isr 4461	-	All	All	All
Hardware	Cisco	Nexus 1000v	-	All	All	All
Hardware	Cisco	Nexus 1000v	-	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-c3650-24pd	-	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
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Hardware	Cisco	Ws-c3650-48tq	-	All	All	All
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Hardware	Cisco	Ws-c3650-48ts	-	All	All	All
Hardware	Cisco	Ws-c3650-8x24uq	-	All	All	All
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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	<a href="#">Ws-c3850-24t</a>	-	All	All	All
Hardware	Cisco	<a href="#">Ws-c3850-24t</a>	-	All	All	All
Hardware	Cisco	<a href="#">Ws-c3850-24u</a>	-	All	All	All
Hardware	Cisco	<a href="#">Ws-c3850-24u</a>	-	All	All	All
Hardware	Cisco	<a href="#">Ws-c3850-24xs</a>	-	All	All	All
Hardware	Cisco	<a href="#">Ws-c3850-24xs</a>	-	All	All	All
Hardware	Cisco	<a href="#">Ws-c3850-24xu</a>	-	All	All	All
Hardware	Cisco	<a href="#">Ws-c3850-24xu</a>	-	All	All	All
Hardware	Cisco	<a href="#">Ws-c3850-48f</a>	-	All	All	All
Hardware	Cisco	<a href="#">Ws-c3850-48f</a>	-	All	All	All
Hardware	Cisco	<a href="#">Ws-c3850-48p</a>	-	All	All	All
Hardware	Cisco	<a href="#">Ws-c3850-48p</a>	-	All	All	All
Hardware	Cisco	<a href="#">Ws-c3850-48t</a>	-	All	All	All
Hardware	Cisco	<a href="#">Ws-c3850-48t</a>	-	All	All	All
Hardware	Cisco	<a href="#">Ws-c3850-48u</a>	-	All	All	All
Hardware	Cisco	<a href="#">Ws-c3850-48u</a>	-	All	All	All
Hardware	Cisco	<a href="#">Ws-c3850-48xs</a>	-	All	All	All
Hardware	Cisco	<a href="#">Ws-c3850-48xs</a>	-	All	All	All

## References

Reference	Source	Link	Tags
Cisco IOS XE Software Privilege Escalation Vulnerability	CISCO	<a href="https://tools.cisco.com">tools.cisco.com</a>	Vendor Advisory
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>	canonical, analysis

No vendor comments have been submitted for this CVE.

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

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