



# CVE-2020-3511

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

## Summary

<b>CVE</b>	CVE-2020-3511
<b>State</b>	PUBLIC
<b>Assigner</b>	psirt@cisco.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2020-09-24 18:15:00 UTC
<b>Updated</b>	2023-05-23 13:55:00 UTC
<b>Description</b>	A vulnerability in the ISDN subsystem of Cisco IOS Software and Cisco IOS XE Software could allow an unauthenticated, a

## Risk And Classification

### Problem Types: CWE-20

## 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	422 Integrated Services Router	-	All	All	All
Hardware	Cisco	4321/k9-rf Integrated Services Router	-	All	All	All
Hardware	Cisco	4321/k9-ws Integrated Services Router	-	All	All	All
Hardware	Cisco	4321/k9 Integrated Services Router	-	All	All	All
Hardware	Cisco	4331/k9-rf Integrated Services Router	-	All	All	All
Hardware	Cisco	4331/k9-ws Integrated Services Router	-	All	All	All
Hardware	Cisco	4331/k9 Integrated Services Router	-	All	All	All
Hardware	Cisco	4351/k9-rf Integrated Services Router	-	All	All	All
Hardware	Cisco	4351/k9-ws Integrated Services Router	-	All	All	All
Hardware	Cisco	4351/k9 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	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	-	All	All	All
Hardware	Cisco	Asr1001-x	-	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	-	All	All	All
Hardware	Cisco	Asr1002-x	-	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	Csr1000v	-	All	All	All
Hardware	Cisco	Csr1000v	-	All	All	All
Operating System	Cisco	ios Xe	15.1(4)m	All	All	All
Operating System	Cisco	ios Xe	15.1(4)m	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	Isr4321/k9	-	All	All	All
Hardware	Cisco	Isr4321/k9	-	All	All	All
Hardware	Cisco	Isr4321/k9-rf	-	All	All	All

Hardware	Cisco	Isr4321/k9-rt	-	All	All	All
Hardware	Cisco	Isr4321/k9-ws	-	All	All	All
Hardware	Cisco	Isr4321/k9-ws	-	All	All	All
Hardware	Cisco	Isr4331/k9	-	All	All	All
Hardware	Cisco	Isr4331/k9	-	All	All	All
Hardware	Cisco	Isr4331/k9-rf	-	All	All	All
Hardware	Cisco	Isr4331/k9-rf	-	All	All	All
Hardware	Cisco	Isr4331/k9-ws	-	All	All	All
Hardware	Cisco	Isr4331/k9-ws	-	All	All	All
Hardware	Cisco	Isr4351/k9	-	All	All	All
Hardware	Cisco	Isr4351/k9	-	All	All	All
Hardware	Cisco	Isr4351/k9-rf	-	All	All	All
Hardware	Cisco	Isr4351/k9-rf	-	All	All	All
Hardware	Cisco	Isr4351/k9-ws	-	All	All	All
Hardware	Cisco	Isr4351/k9-ws	-	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 1101-4p	-	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	Isr 422	-	All	All	All
Hardware	Cisco	Isr 422	-	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

## References

Reference	Source	Link	Tags
Cisco IOS and IOS XE Software ISDN Q.931 Denial of Service 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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