



CVE-2020-3423

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

Summary

CVE	CVE-2020-3423
State	PUBLIC
Assigner	psirt@cisco.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2020-09-24 18:15:00 UTC
Updated	2023-11-07 03:22:00 UTC
Description	A vulnerability in the implementation of the Lua interpreter that is integrated in Cisco IOS XE Software could allow an auth

Risk And Classification

Problem Types: CWE-119

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	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	4221 Integrated Services Router	-	All	All	All
Hardware	Cisco	4221 Integrated Services Router	-	All	All	All
Hardware	Cisco	4321 Integrated Services Router	-	All	All	All
Hardware	Cisco	4321 Integrated Services Router	-	All	All	All
Hardware	Cisco	4331 Integrated Services Router	-	All	All	All
Hardware	Cisco	4331 Integrated Services Router	-	All	All	All
Hardware	Cisco	4351 Integrated Services Router	-	All	All	All
Hardware	Cisco	4351 Integrated Services Router	-	All	All	All
Hardware	Cisco	4431 Integrated Services Router	-	All	All	All

Hardware	Cisco	4431 Integrated Services Router	-	All	All	All
Hardware	Cisco	4451-x Integrated Services Router	-	All	All	All
Hardware	Cisco	4451-x Integrated Services Router	-	All	All	All
Hardware	Cisco	4461 Integrated Services Router	-	All	All	All
Hardware	Cisco	4461 Integrated Services Router	-	All	All	All
Hardware	Cisco	Asr 1001-hx	-	All	All	All
Hardware	Cisco	Asr 1001-hx Router	-	All	All	All
Hardware	Cisco	Asr 1001-hx Router	-	All	All	All
Hardware	Cisco	Asr 1001-x	-	All	All	All
Hardware	Cisco	Asr 1001-x Router	-	All	All	All
Hardware	Cisco	Asr 1001-x Router	-	All	All	All
Hardware	Cisco	Asr 1002-hx	-	All	All	All
Hardware	Cisco	Asr 1002-hx Router	-	All	All	All
Hardware	Cisco	Asr 1002-hx Router	-	All	All	All
Hardware	Cisco	Asr 1002-x	-	All	All	All
Hardware	Cisco	Asr 1002-x Router	-	All	All	All
Hardware	Cisco	Asr 1002-x Router	-	All	All	All
Hardware	Cisco	Asr 1004	-	All	All	All
Hardware	Cisco	Asr 1004 Router	-	All	All	All
Hardware	Cisco	Asr 1004 Router	-	All	All	All
Hardware	Cisco	Asr 1006	-	All	All	All
Hardware	Cisco	Asr 1006-x	-	All	All	All
Hardware	Cisco	Asr 1006-x Router	-	All	All	All
Hardware	Cisco	Asr 1006-x Router	-	All	All	All
Hardware	Cisco	Asr 1006 Router	-	All	All	All
Hardware	Cisco	Asr 1006 Router	-	All	All	All
Hardware	Cisco	Asr 1009-x	-	All	All	All
Hardware	Cisco	Asr 1009-x Router	-	All	All	All
Hardware	Cisco	Asr 1009-x Router	-	All	All	All
Hardware	Cisco	Asr 1013	-	All	All	All
Hardware	Cisco	Asr 1013 Router	-	All	All	All
Hardware	Cisco	Asr 1013 Router	-	All	All	All
Hardware	Cisco	Cbr-8 Converged Broadband Router	-	All	All	All
Hardware	Cisco	Cbr-8 Converged Broadband Router	-	All	All	All
Hardware	Cisco	Cloud Services Router 1000v	-	All	All	All

Hardware	Cisco	Cloud Services Router 1000v	-	All	All	All
Operating System	Cisco	ios Xe	-	All	All	All
Operating System	Cisco	ios Xe	-	All	All	All
Hardware	Cisco	Isr 1100	-	All	All	All
Hardware	Cisco	Isr 1100 Router	-	All	All	All
Hardware	Cisco	Isr 1100 Router	-	All	All	All
Hardware	Cisco	Isr 1101	-	All	All	All
Hardware	Cisco	Isr 1101 Router	-	All	All	All
Hardware	Cisco	Isr 1101 Router	-	All	All	All
Hardware	Cisco	Isr 1109	-	All	All	All
Hardware	Cisco	Isr 1109 Router	-	All	All	All
Hardware	Cisco	Isr 1109 Router	-	All	All	All
Hardware	Cisco	Isr 1111x	-	All	All	All
Hardware	Cisco	Isr 1111x Router	-	All	All	All
Hardware	Cisco	Isr 1111x Router	-	All	All	All
Hardware	Cisco	Isr 111x	-	All	All	All
Hardware	Cisco	Isr 111x Router	-	All	All	All
Hardware	Cisco	Isr 111x Router	-	All	All	All
Hardware	Cisco	Isr 1120	-	All	All	All
Hardware	Cisco	Isr 1120 Router	-	All	All	All
Hardware	Cisco	Isr 1120 Router	-	All	All	All
Hardware	Cisco	Isr 1160	-	All	All	All
Hardware	Cisco	Isr 1160 Router	-	All	All	All
Hardware	Cisco	Isr 1160 Router	-	All	All	All

References

Reference	Source	Link	Tags
Cisco IOS XE Software Arbitrary Code Execution Vulnerability	CISCO	tools.cisco.com	Vendor Advisory
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis

No vendor comments have been submitted for this CVE.

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

Use of this information constitutes acceptance for use in an AS IS condition. There are NO warranties, implied or otherwise, with regard to this information or its use. Any use of this information is at the user's risk. It is the responsibility of user to evaluate the accuracy, completeness or usefulness of any information, opinion, advice or other content. EACH USER WILL BE SOLELY RESPONSIBLE FOR ANY consequences of his or her direct or indirect use of this web site. ALL WARRANTIES OF ANY KIND ARE EXPRESSLY DISCLAIMED. This site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE, CWE, and OVAL are registered trademarks of [The MITRE Corporation](#) and the authoritative source of CVE content is [MITRE's CVE web site](#). This site includes MITRE data granted under the following [license](#).

CVE.report and Source URL Uptime Status [status.cve.report](#)