



CVE-2018-0159

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Summary

CVE	CVE-2018-0159
State	PUBLIC
Assigner	psirt@cisco.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2018-03-28 22:29:00 UTC
Updated	2019-10-09 23:31:00 UTC
Description	A vulnerability in the implementation of Internet Key Exchange Version 1 (IKEv1) functionality in Cisco IOS Software and Ci

Risk And Classification

EPSS: 0.069680000 probability, percentile 0.914050000 (date 2026-04-02)

CISA KEV: Listed on 2022-03-03; due 2022-03-17; ransomware use Unknown

Problem Types: CWE-20

CISA Known Exploited Vulnerability

Vendor	Cisco
Product	IOS Software and Cisco IOS XE Software
Name	Cisco IOS and XE Software Internet Key Exchange Version 1 Denial-of-Service Vulnerability
Required Action	Apply updates per vendor instructions.
Notes	https://nvd.nist.gov/vuln/detail/CVE-2018-0159

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Cisco	Asr 901-12c-f-d	-	All	All	All
Hardware	Cisco	Asr 901-12c-f-d	-	All	All	All
Hardware	Cisco	Asr 901-12c-ft-d	-	All	All	All
Hardware	Cisco	Asr 901-12c-ft-d	-	All	All	All
Hardware	Cisco	Asr 901-4c-f-d	-	All	All	All
Hardware	Cisco	Asr 901-4c-f-d	-	All	All	All
Hardware	Cisco	Asr 901-4c-ft-d	-	All	All	All
Hardware	Cisco	Asr 901-4c-ft-d	-	All	All	All

Hardware	Cisco	Asr 901-6cz-f-a	-	All	All	All
Hardware	Cisco	Asr 901-6cz-f-a	-	All	All	All
Hardware	Cisco	Asr 901-6cz-f-d	-	All	All	All
Hardware	Cisco	Asr 901-6cz-f-d	-	All	All	All
Hardware	Cisco	Asr 901-6cz-ft-a	-	All	All	All
Hardware	Cisco	Asr 901-6cz-ft-a	-	All	All	All
Hardware	Cisco	Asr 901-6cz-ft-d	-	All	All	All
Hardware	Cisco	Asr 901-6cz-ft-d	-	All	All	All
Operating System	Cisco	ios	15.3(3)s	All	All	All
Operating System	Cisco	ios	15.3\3)s	All	All	All
Operating System	Cisco	ios	15.3\3)s	All	All	All
Operating System	Cisco	ios Xe	15.3(3)s	All	All	All
Operating System	Cisco	ios Xe	15.3\3)s	All	All	All
Operating System	Cisco	ios Xe	15.3\3)s	All	All	All
Hardware	Cisco	Me 3600x-24cx-m	-	All	All	All
Hardware	Cisco	Me 3600x-24cx-m	-	All	All	All
Hardware	Cisco	Me 3600x-24fs-m	-	All	All	All
Hardware	Cisco	Me 3600x-24fs-m	-	All	All	All
Hardware	Cisco	Me 3600x-24ts-m	-	All	All	All
Hardware	Cisco	Me 3600x-24ts-m	-	All	All	All
Hardware	Cisco	Me 3800x-24fs-m	-	All	All	All
Hardware	Cisco	Me 3800x-24fs-m	-	All	All	All

References

Reference	Source	Link
Malformed Request	BID	www.secdatabase.com
Cisco IOS and IOS XE Software Internet Key Exchange Version 1 Denial of Service Vulnerability	CONFIRM	tools.cisco.com
Cisco IOS/IOS XE IKE Processing Flaws Let Remote Users Cause the Target System to Reload - SecurityTracker	SECTRACK	www.securitytracker.com
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov
CISA Known Exploited Vulnerabilities catalog	CISA	www.cisa.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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