



CVE-2019-12658

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

Summary

CVE	CVE-2019-12658
State	PUBLIC
Assigner	psirt@cisco.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2019-09-25 21:15:00 UTC
Updated	2020-10-08 14:06:00 UTC
Description	A vulnerability in the filesystem resource management code of Cisco IOS XE Software could allow an unauthenticated, remote

Risk And Classification

Problem Types: NVD-CWE-Other

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Cisco	1100 Integrated Services R	-	All	All	All
Hardware	Cisco	1100 Integrated Services R	-	All	All	All
Hardware	Cisco	4221 Integrated Services R	-	All	All	All
Hardware	Cisco	4221 Integrated Services R	-	All	All	All
Hardware	Cisco	4321 Integrated Services R	-	All	All	All
Hardware	Cisco	4321 Integrated Services R	-	All	All	All
Hardware	Cisco	4331 Integrated Services R	-	All	All	All
Hardware	Cisco	4331 Integrated Services R	-	All	All	All
Hardware	Cisco	4351 Integrated Services R	-	All	All	All
Hardware	Cisco	4351 Integrated Services R	-	All	All	All
Hardware	Cisco	4431 Integrated Services R	-	All	All	All
Hardware	Cisco	4431 Integrated Services R	-	All	All	All
Hardware	Cisco	4451-x Integrated Services R	-	All	All	All
Hardware	Cisco	4451-x Integrated Services R	-	All	All	All
Hardware	Cisco	Asr 1000	-	All	All	All
Hardware	Cisco	Asr 1000	-	All	All	All
Hardware	Cisco	Asr 1001-hx R	-	All	All	All

Hardware	Cisco	Asr 1001-hx R	-	All	All	All
Hardware	Cisco	Asr 1001-x R	-	All	All	All
Hardware	Cisco	Asr 1001-x R	-	All	All	All
Hardware	Cisco	Asr 1002-hx R	-	All	All	All
Hardware	Cisco	Asr 1002-hx R	-	All	All	All
Hardware	Cisco	Asr 1002-x R	-	All	All	All
Hardware	Cisco	Asr 1002-x R	-	All	All	All
Hardware	Cisco	Asr 900	-	All	All	All
Hardware	Cisco	Asr 900	-	All	All	All
Hardware	Cisco	Asr 900	-	All	All	All
Hardware	Cisco	Asr 900	-	All	All	All
Hardware	Cisco	Asr 920-10sz-pd R	-	All	All	All
Hardware	Cisco	Asr 920-10sz-pd R	-	All	All	All
Hardware	Cisco	Asr 920-12cz-a R	-	All	All	All
Hardware	Cisco	Asr 920-12cz-a R	-	All	All	All
Hardware	Cisco	Asr 920-12cz-d R	-	All	All	All
Hardware	Cisco	Asr 920-12cz-d R	-	All	All	All
Hardware	Cisco	Asr 920-12sz-im R	-	All	All	All
Hardware	Cisco	Asr 920-12sz-im R	-	All	All	All
Hardware	Cisco	Asr 920-24sz-im R	-	All	All	All
Hardware	Cisco	Asr 920-24sz-im R	-	All	All	All
Hardware	Cisco	Asr 920-24sz-m R	-	All	All	All
Hardware	Cisco	Asr 920-24sz-m R	-	All	All	All
Hardware	Cisco	Asr 920-24tz-m R	-	All	All	All
Hardware	Cisco	Asr 920-24tz-m R	-	All	All	All
Hardware	Cisco	Asr 920-4sz-a R	-	All	All	All
Hardware	Cisco	Asr 920-4sz-a R	-	All	All	All
Hardware	Cisco	Asr 920-4sz-d R	-	All	All	All
Hardware	Cisco	Asr 920-4sz-d R	-	All	All	All
Hardware	Cisco	Catalyst 3650-12x48uq-e	-	All	All	All
Hardware	Cisco	Catalyst 3650-12x48uq-e	-	All	All	All
Hardware	Cisco	Catalyst 3650-12x48uq-l	-	All	All	All
Hardware	Cisco	Catalyst 3650-12x48uq-l	-	All	All	All
Hardware	Cisco	Catalyst 3650-12x48uq-s	-	All	All	All
Hardware	Cisco	Catalyst 3650-12x48uq-s	-	All	All	All

Hardware	Cisco	Catalyst 3650-48pq-l	-	All	All	All
Hardware	Cisco	Catalyst 3650-48pq-s	-	All	All	All
Hardware	Cisco	Catalyst 3650-48pq-s	-	All	All	All
Hardware	Cisco	Catalyst 3650-48ps-e	-	All	All	All
Hardware	Cisco	Catalyst 3650-48ps-e	-	All	All	All
Hardware	Cisco	Catalyst 3650-48ps-l	-	All	All	All
Hardware	Cisco	Catalyst 3650-48ps-l	-	All	All	All
Hardware	Cisco	Catalyst 3650-48ps-s	-	All	All	All
Hardware	Cisco	Catalyst 3650-48ps-s	-	All	All	All
Hardware	Cisco	Catalyst 3650-48td-e	-	All	All	All
Hardware	Cisco	Catalyst 3650-48td-e	-	All	All	All
Hardware	Cisco	Catalyst 3650-48td-l	-	All	All	All
Hardware	Cisco	Catalyst 3650-48td-l	-	All	All	All
Hardware	Cisco	Catalyst 3650-48td-s	-	All	All	All
Hardware	Cisco	Catalyst 3650-48td-s	-	All	All	All
Hardware	Cisco	Catalyst 3650-48tq-e	-	All	All	All
Hardware	Cisco	Catalyst 3650-48tq-e	-	All	All	All
Hardware	Cisco	Catalyst 3650-48tq-l	-	All	All	All
Hardware	Cisco	Catalyst 3650-48tq-l	-	All	All	All
Hardware	Cisco	Catalyst 3650-48tq-s	-	All	All	All
Hardware	Cisco	Catalyst 3650-48tq-s	-	All	All	All
Hardware	Cisco	Catalyst 3650-48ts-e	-	All	All	All
Hardware	Cisco	Catalyst 3650-48ts-e	-	All	All	All
Hardware	Cisco	Catalyst 3650-48ts-l	-	All	All	All
Hardware	Cisco	Catalyst 3650-48ts-l	-	All	All	All
Hardware	Cisco	Catalyst 3650-48ts-s	-	All	All	All
Hardware	Cisco	Catalyst 3650-48ts-s	-	All	All	All
Hardware	Cisco	Catalyst 3650-8x24uq-e	-	All	All	All
Hardware	Cisco	Catalyst 3650-8x24uq-e	-	All	All	All
Hardware	Cisco	Catalyst 3650-8x24uq-l	-	All	All	All
Hardware	Cisco	Catalyst 3650-8x24uq-l	-	All	All	All
Hardware	Cisco	Catalyst 3650-8x24uq-s	-	All	All	All
Hardware	Cisco	Catalyst 3650-8x24uq-s	-	All	All	All
Hardware	Cisco	Catalyst 3850-12s-e	-	All	All	All
Hardware	Cisco	Catalyst 3850-12s-e	-	All	All	All

Hardware	Cisco	Catalyst 3850-48xs-e	-	All	All	All
Hardware	Cisco	Catalyst 3850-48xs-f-e	-	All	All	All
Hardware	Cisco	Catalyst 3850-48xs-f-e	-	All	All	All
Hardware	Cisco	Catalyst 3850-48xs-f-s	-	All	All	All
Hardware	Cisco	Catalyst 3850-48xs-f-s	-	All	All	All
Hardware	Cisco	Catalyst 3850-48xs-s	-	All	All	All
Hardware	Cisco	Catalyst 3850-48xs-s	-	All	All	All
Hardware	Cisco	Catalyst 9300	-	All	All	All
Hardware	Cisco	Catalyst 9300	-	All	All	All
Hardware	Cisco	Catalyst 9300-24p-a	-	All	All	All
Hardware	Cisco	Catalyst 9300-24p-a	-	All	All	All
Hardware	Cisco	Catalyst 9300-24p-e	-	All	All	All
Hardware	Cisco	Catalyst 9300-24p-e	-	All	All	All
Hardware	Cisco	Catalyst 9300-24t-a	-	All	All	All
Hardware	Cisco	Catalyst 9300-24t-a	-	All	All	All
Hardware	Cisco	Catalyst 9300-24t-e	-	All	All	All
Hardware	Cisco	Catalyst 9300-24t-e	-	All	All	All
Hardware	Cisco	Catalyst 9300-24u-a	-	All	All	All
Hardware	Cisco	Catalyst 9300-24u-a	-	All	All	All
Hardware	Cisco	Catalyst 9300-24u-e	-	All	All	All
Hardware	Cisco	Catalyst 9300-24u-e	-	All	All	All
Hardware	Cisco	Catalyst 9300-48p-a	-	All	All	All
Hardware	Cisco	Catalyst 9300-48p-a	-	All	All	All
Hardware	Cisco	Catalyst 9300-48p-e	-	All	All	All
Hardware	Cisco	Catalyst 9300-48p-e	-	All	All	All
Hardware	Cisco	Catalyst 9300-48t-a	-	All	All	All
Hardware	Cisco	Catalyst 9300-48t-a	-	All	All	All
Hardware	Cisco	Catalyst 9300-48t-e	-	All	All	All
Hardware	Cisco	Catalyst 9300-48t-e	-	All	All	All
Hardware	Cisco	Catalyst 9300-48u-a	-	All	All	All
Hardware	Cisco	Catalyst 9300-48u-a	-	All	All	All
Hardware	Cisco	Catalyst 9300-48u-e	-	All	All	All
Hardware	Cisco	Catalyst 9300-48u-e	-	All	All	All
Hardware	Cisco	Catalyst 9400 Supervisor Engine-1	-	All	All	All
Hardware	Cisco	Catalyst 9400 Supervisor Engine-1	-	All	All	All

Hardware	Cisco	Catalyst 9407r	-	All	All	All
Hardware	Cisco	Catalyst 9407r	-	All	All	All
Hardware	Cisco	Catalyst 9410r	-	All	All	All
Hardware	Cisco	Catalyst 9410r	-	All	All	All
Hardware	Cisco	Catalyst 9500	-	All	All	All
Hardware	Cisco	Catalyst 9500	-	All	All	All
Hardware	Cisco	Catalyst C3850-12x48u-e	-	All	All	All
Hardware	Cisco	Catalyst C3850-12x48u-e	-	All	All	All
Hardware	Cisco	Catalyst C3850-12x48u-l	-	All	All	All
Hardware	Cisco	Catalyst C3850-12x48u-l	-	All	All	All
Hardware	Cisco	Catalyst C3850-12x48u-s	-	All	All	All
Hardware	Cisco	Catalyst C3850-12x48u-s	-	All	All	All
Hardware	Cisco	Catalyst C9500-12q-a	-	All	All	All
Hardware	Cisco	Catalyst C9500-12q-a	-	All	All	All
Hardware	Cisco	Catalyst C9500-12q-e	-	All	All	All
Hardware	Cisco	Catalyst C9500-12q-e	-	All	All	All
Hardware	Cisco	Catalyst C9500-24q-a	-	All	All	All
Hardware	Cisco	Catalyst C9500-24q-a	-	All	All	All
Hardware	Cisco	Catalyst C9500-24q-e	-	All	All	All
Hardware	Cisco	Catalyst C9500-24q-e	-	All	All	All
Hardware	Cisco	Catalyst C9500-40x-a	-	All	All	All
Hardware	Cisco	Catalyst C9500-40x-a	-	All	All	All
Hardware	Cisco	Catalyst C9500-40x-e	-	All	All	All
Hardware	Cisco	Catalyst C9500-40x-e	-	All	All	All
Hardware	Cisco	Cloud Services R 1000v	-	All	All	All
Hardware	Cisco	Cloud Services R 1000v	-	All	All	All
Operating System	Cisco	ios Xe	16.6.1	All	All	All
Operating System	Cisco	ios Xe	16.8.1	All	All	All
Operating System	Cisco	ios Xe	16.6.1	All	All	All
Operating System	Cisco	ios Xe	16.8.1	All	All	All
Hardware	Cisco	Ncs 4201	-	All	All	All
Hardware	Cisco	Ncs 4201	-	All	All	All
Hardware	Cisco	Ncs 4202	-	All	All	All
Hardware	Cisco	Ncs 4202	-	All	All	All
Hardware	Cisco	Ncs 4206	-	All	All	All
Hardware	Cisco	Ncs 4206	-	All	All	All

Hardware	Cisco	NCS 4200	-	All	All	All
Hardware	Cisco	Ncs 4216	-	All	All	All
Hardware	Cisco	Ncs 4216	-	All	All	All
Hardware	Cisco	Network Convergence System 520	-	All	All	All
Hardware	Cisco	Network Convergence System 520	-	All	All	All

References

Reference	Source	Link	Tags
Cisco IOS XE Software Filesystem Exhaustion Denial of Service 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.

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