



# CVE-2017-3881

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

## Summary

<b>CVE</b>	CVE-2017-3881
<b>State</b>	PUBLIC
<b>Assigner</b>	psirt@cisco.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2017-03-17 22:59:00 UTC
<b>Updated</b>	2020-08-07 20:08:00 UTC
<b>Description</b>	A vulnerability in the Cisco Cluster Management Protocol (CMP) processing code in Cisco IOS and Cisco IOS XE Software

## Risk And Classification

**EPSS:** 0.942820000 probability, percentile 0.999380000 (date 2026-04-01)

**CISA KEV:** Listed on 2022-03-25; due 2022-04-15; ransomware use Unknown

**Problem Types:** CWE-20

## CISA Known Exploited Vulnerability

<b>Vendor</b>	Cisco
<b>Product</b>	IOS and IOS XE
<b>Name</b>	Cisco IOS and IOS XE Remote Code Execution Vulnerability
<b>Required Action</b>	Apply updates per vendor instructions.
<b>Notes</b>	<a href="https://nvd.nist.gov/vuln/detail/CVE-2017-3881">https://nvd.nist.gov/vuln/detail/CVE-2017-3881</a>

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	<a href="#">Cisco</a>	<a href="#">Catalyst 2350-48td-s</a>	-	All	All	All
Hardware	<a href="#">Cisco</a>	<a href="#">Catalyst 2350-48td-s</a>	-	All	All	All
Hardware	<a href="#">Cisco</a>	<a href="#">Catalyst 2350-48td-sd</a>	-	All	All	All
Hardware	<a href="#">Cisco</a>	<a href="#">Catalyst 2350-48td-sd</a>	-	All	All	All
Hardware	<a href="#">Cisco</a>	<a href="#">Catalyst 2360-48td-s</a>	-	All	All	All
Hardware	<a href="#">Cisco</a>	<a href="#">Catalyst 2360-48td-s</a>	-	All	All	All
Hardware	<a href="#">Cisco</a>	<a href="#">Catalyst 2918-24tc-c</a>	-	All	All	All
Hardware	<a href="#">Cisco</a>	<a href="#">Catalyst 2918-24tc-c</a>	-	All	All	All

Hardware	Cisco	Catalyst 2918-24tt-c	-	All	All	All
Hardware	Cisco	Catalyst 2918-24tt-c	-	All	All	All
Hardware	Cisco	Catalyst 2918-48tc-c	-	All	All	All
Hardware	Cisco	Catalyst 2918-48tc-c	-	All	All	All
Hardware	Cisco	Catalyst 2918-48tt-c	-	All	All	All
Hardware	Cisco	Catalyst 2918-48tt-c	-	All	All	All
Hardware	Cisco	Catalyst 2928-24tc-c	-	All	All	All
Hardware	Cisco	Catalyst 2928-24tc-c	-	All	All	All
Hardware	Cisco	Catalyst 2960-24-s	-	All	All	All
Hardware	Cisco	Catalyst 2960-24-s	-	All	All	All
Hardware	Cisco	Catalyst 2960-24lc-s	-	All	All	All
Hardware	Cisco	Catalyst 2960-24lc-s	-	All	All	All
Hardware	Cisco	Catalyst 2960-24lt-l	-	All	All	All
Hardware	Cisco	Catalyst 2960-24lt-l	-	All	All	All
Hardware	Cisco	Catalyst 2960-24pc-l	-	All	All	All
Hardware	Cisco	Catalyst 2960-24pc-l	-	All	All	All
Hardware	Cisco	Catalyst 2960-24pc-s	-	All	All	All
Hardware	Cisco	Catalyst 2960-24pc-s	-	All	All	All
Hardware	Cisco	Catalyst 2960-24tc-l	-	All	All	All
Hardware	Cisco	Catalyst 2960-24tc-l	-	All	All	All
Hardware	Cisco	Catalyst 2960-24tc-s	-	All	All	All
Hardware	Cisco	Catalyst 2960-24tc-s	-	All	All	All
Hardware	Cisco	Catalyst 2960-24tt-l	-	All	All	All
Hardware	Cisco	Catalyst 2960-24tt-l	-	All	All	All
Hardware	Cisco	Catalyst 2960-48pst-l	-	All	All	All
Hardware	Cisco	Catalyst 2960-48pst-l	-	All	All	All
Hardware	Cisco	Catalyst 2960-48pst-s	-	All	All	All
Hardware	Cisco	Catalyst 2960-48pst-s	-	All	All	All
Hardware	Cisco	Catalyst 2960-48tc-l	-	All	All	All
Hardware	Cisco	Catalyst 2960-48tc-l	-	All	All	All
Hardware	Cisco	Catalyst 2960-48tc-s	-	All	All	All
Hardware	Cisco	Catalyst 2960-48tc-s	-	All	All	All
Hardware	Cisco	Catalyst 2960-48tt-l	-	All	All	All
Hardware	Cisco	Catalyst 2960-48tt-l	-	All	All	All
Hardware	Cisco	Catalyst 2960-48tt-s	-	All	All	All

Hardware	Cisco	Catalyst 2960-48tt-s	-	All	All	All
Hardware	Cisco	Catalyst 2960-8tc-l	-	All	All	All
Hardware	Cisco	Catalyst 2960-8tc-l	-	All	All	All
Hardware	Cisco	Catalyst 2960-8tc-s	-	All	All	All
Hardware	Cisco	Catalyst 2960-8tc-s	-	All	All	All
Hardware	Cisco	Catalyst 2960-plus 24lc-l	-	All	All	All
Hardware	Cisco	Catalyst 2960-plus 24lc-l	-	All	All	All
Hardware	Cisco	Catalyst 2960-plus 24lc-s	-	All	All	All
Hardware	Cisco	Catalyst 2960-plus 24lc-s	-	All	All	All
Hardware	Cisco	Catalyst 2960-plus 24pc-l	-	All	All	All
Hardware	Cisco	Catalyst 2960-plus 24pc-l	-	All	All	All
Hardware	Cisco	Catalyst 2960-plus 24pc-s	-	All	All	All
Hardware	Cisco	Catalyst 2960-plus 24pc-s	-	All	All	All
Hardware	Cisco	Catalyst 2960-plus 24tc-l	-	All	All	All
Hardware	Cisco	Catalyst 2960-plus 24tc-l	-	All	All	All
Hardware	Cisco	Catalyst 2960-plus 24tc-s	-	All	All	All
Hardware	Cisco	Catalyst 2960-plus 24tc-s	-	All	All	All
Hardware	Cisco	Catalyst 2960-plus 48pst-l	-	All	All	All
Hardware	Cisco	Catalyst 2960-plus 48pst-l	-	All	All	All
Hardware	Cisco	Catalyst 2960-plus 48pst-s	-	All	All	All
Hardware	Cisco	Catalyst 2960-plus 48pst-s	-	All	All	All
Hardware	Cisco	Catalyst 2960-plus 48tc-l	-	All	All	All
Hardware	Cisco	Catalyst 2960-plus 48tc-l	-	All	All	All
Hardware	Cisco	Catalyst 2960-plus 48tc-s	-	All	All	All
Hardware	Cisco	Catalyst 2960-plus 48tc-s	-	All	All	All
Hardware	Cisco	Catalyst 2960c-12pc-l	-	All	All	All
Hardware	Cisco	Catalyst 2960c-12pc-l	-	All	All	All
Hardware	Cisco	Catalyst 2960c-8pc-l	-	All	All	All
Hardware	Cisco	Catalyst 2960c-8pc-l	-	All	All	All
Hardware	Cisco	Catalyst 2960c-8tc-l	-	All	All	All
Hardware	Cisco	Catalyst 2960c-8tc-l	-	All	All	All
Hardware	Cisco	Catalyst 2960c-8tc-s	-	All	All	All
Hardware	Cisco	Catalyst 2960c-8tc-s	-	All	All	All
Hardware	Cisco	Catalyst 2960cg-8tc-l	-	All	All	All
Hardware	Cisco	Catalyst 2960cg-8tc-l	-	All	All	All









Hardware	Cisco	Catalyst 3550 12g	-	All	All	All
Hardware	Cisco	Catalyst 3550 12g	-	All	All	All
Hardware	Cisco	Catalyst 3550 12t	-	All	All	All
Hardware	Cisco	Catalyst 3550 12t	-	All	All	All
Hardware	Cisco	Catalyst 3550 24 Dc Smi	-	All	All	All
Hardware	Cisco	Catalyst 3550 24 Dc Smi	-	All	All	All
Hardware	Cisco	Catalyst 3550 24 Emi	-	All	All	All
Hardware	Cisco	Catalyst 3550 24 Emi	-	All	All	All
Hardware	Cisco	Catalyst 3550 24 Fx Smi	-	All	All	All
Hardware	Cisco	Catalyst 3550 24 Fx Smi	-	All	All	All
Hardware	Cisco	Catalyst 3550 24 Pwr	-	All	All	All
Hardware	Cisco	Catalyst 3550 24 Pwr	-	All	All	All
Hardware	Cisco	Catalyst 3550 24 Smi	-	All	All	All
Hardware	Cisco	Catalyst 3550 24 Smi	-	All	All	All
Hardware	Cisco	Catalyst 3550 48 Emi	-	All	All	All
Hardware	Cisco	Catalyst 3550 48 Emi	-	All	All	All
Hardware	Cisco	Catalyst 3550 48 Smi	-	All	All	All
Hardware	Cisco	Catalyst 3550 48 Smi	-	All	All	All
Hardware	Cisco	Catalyst 3560-12pc-s	-	All	All	All
Hardware	Cisco	Catalyst 3560-12pc-s	-	All	All	All
Hardware	Cisco	Catalyst 3560-24ps	-	All	All	All
Hardware	Cisco	Catalyst 3560-24ps	-	All	All	All
Hardware	Cisco	Catalyst 3560-24ts	-	All	All	All
Hardware	Cisco	Catalyst 3560-24ts	-	All	All	All
Hardware	Cisco	Catalyst 3560-48ps	-	All	All	All
Hardware	Cisco	Catalyst 3560-48ps	-	All	All	All
Hardware	Cisco	Catalyst 3560-48ts	-	All	All	All
Hardware	Cisco	Catalyst 3560-48ts	-	All	All	All
Hardware	Cisco	Catalyst 3560-8pc	-	All	All	All
Hardware	Cisco	Catalyst 3560-8pc	-	All	All	All
Hardware	Cisco	Catalyst 3560c-12pc-s	-	All	All	All
Hardware	Cisco	Catalyst 3560c-12pc-s	-	All	All	All
Hardware	Cisco	Catalyst 3560c-8pc-s	-	All	All	All
Hardware	Cisco	Catalyst 3560c-8pc-s	-	All	All	All
Hardware	Cisco	Catalyst 3560cg-8pc-s	-	All	All	All

Hardware	Cisco	Catalyst 3560cg-8pc-s	-	All	All	All
Hardware	Cisco	Catalyst 3560cg-8tc-s	-	All	All	All
Hardware	Cisco	Catalyst 3560cg-8tc-s	-	All	All	All
Hardware	Cisco	Catalyst 3560cpd-8pt-s	-	All	All	All
Hardware	Cisco	Catalyst 3560cpd-8pt-s	-	All	All	All
Hardware	Cisco	Catalyst 3560cx-12pc-s	-	All	All	All
Hardware	Cisco	Catalyst 3560cx-12pc-s	-	All	All	All
Hardware	Cisco	Catalyst 3560cx-12pd-s	-	All	All	All
Hardware	Cisco	Catalyst 3560cx-12pd-s	-	All	All	All
Hardware	Cisco	Catalyst 3560cx-12tc-s	-	All	All	All
Hardware	Cisco	Catalyst 3560cx-12tc-s	-	All	All	All
Hardware	Cisco	Catalyst 3560cx-8pc-s	-	All	All	All
Hardware	Cisco	Catalyst 3560cx-8pc-s	-	All	All	All
Hardware	Cisco	Catalyst 3560cx-8pt-s	-	All	All	All
Hardware	Cisco	Catalyst 3560cx-8pt-s	-	All	All	All
Hardware	Cisco	Catalyst 3560cx-8tc-s	-	All	All	All
Hardware	Cisco	Catalyst 3560cx-8tc-s	-	All	All	All
Hardware	Cisco	Catalyst 3560cx-8xpd-s	-	All	All	All
Hardware	Cisco	Catalyst 3560cx-8xpd-s	-	All	All	All
Hardware	Cisco	Catalyst 3560e-12d-e	-	All	All	All
Hardware	Cisco	Catalyst 3560e-12d-e	-	All	All	All
Hardware	Cisco	Catalyst 3560e-12d-s	-	All	All	All
Hardware	Cisco	Catalyst 3560e-12d-s	-	All	All	All
Hardware	Cisco	Catalyst 3560e-12sd-e	-	All	All	All
Hardware	Cisco	Catalyst 3560e-12sd-e	-	All	All	All
Hardware	Cisco	Catalyst 3560e-12sd-s	-	All	All	All
Hardware	Cisco	Catalyst 3560e-12sd-s	-	All	All	All
Hardware	Cisco	Catalyst 3560e-24pd-e	-	All	All	All
Hardware	Cisco	Catalyst 3560e-24pd-e	-	All	All	All
Hardware	Cisco	Catalyst 3560e-24pd-s	-	All	All	All
Hardware	Cisco	Catalyst 3560e-24pd-s	-	All	All	All
Hardware	Cisco	Catalyst 3560e-24td-e	-	All	All	All
Hardware	Cisco	Catalyst 3560e-24td-e	-	All	All	All
Hardware	Cisco	Catalyst 3560e-24td-s	-	All	All	All
Hardware	Cisco	Catalyst 3560e-24td-s	-	All	All	All
Hardware	Cisco	Catalyst 3560e-48pd-s	-	All	All	All

Hardware	Cisco	Catalyst 3560e-48pd-e	-	All	All	All
Hardware	Cisco	Catalyst 3560e-48pd-e	-	All	All	All
Hardware	Cisco	Catalyst 3560e-48pd-ef	-	All	All	All
Hardware	Cisco	Catalyst 3560e-48pd-ef	-	All	All	All
Hardware	Cisco	Catalyst 3560e-48pd-s	-	All	All	All
Hardware	Cisco	Catalyst 3560e-48pd-s	-	All	All	All
Hardware	Cisco	Catalyst 3560e-48pd-sf	-	All	All	All
Hardware	Cisco	Catalyst 3560e-48pd-sf	-	All	All	All
Hardware	Cisco	Catalyst 3560e-48td-e	-	All	All	All
Hardware	Cisco	Catalyst 3560e-48td-e	-	All	All	All
Hardware	Cisco	Catalyst 3560e-48td-s	-	All	All	All
Hardware	Cisco	Catalyst 3560e-48td-s	-	All	All	All
Hardware	Cisco	Catalyst 3560g-24ps	-	All	All	All
Hardware	Cisco	Catalyst 3560g-24ps	-	All	All	All
Hardware	Cisco	Catalyst 3560g-24ts	-	All	All	All
Hardware	Cisco	Catalyst 3560g-24ts	-	All	All	All
Hardware	Cisco	Catalyst 3560g-48ps	-	All	All	All
Hardware	Cisco	Catalyst 3560g-48ps	-	All	All	All
Hardware	Cisco	Catalyst 3560g-48ts	-	All	All	All
Hardware	Cisco	Catalyst 3560g-48ts	-	All	All	All
Hardware	Cisco	Catalyst 3560v2-24dc	-	All	All	All
Hardware	Cisco	Catalyst 3560v2-24dc	-	All	All	All
Hardware	Cisco	Catalyst 3560v2-24ps	-	All	All	All
Hardware	Cisco	Catalyst 3560v2-24ps	-	All	All	All
Hardware	Cisco	Catalyst 3560v2-24ts	-	All	All	All
Hardware	Cisco	Catalyst 3560v2-24ts	-	All	All	All
Hardware	Cisco	Catalyst 3560v2-48ps	-	All	All	All
Hardware	Cisco	Catalyst 3560v2-48ps	-	All	All	All
Hardware	Cisco	Catalyst 3560v2-48ts	-	All	All	All
Hardware	Cisco	Catalyst 3560v2-48ts	-	All	All	All
Hardware	Cisco	Catalyst 3560x-24p-e	-	All	All	All
Hardware	Cisco	Catalyst 3560x-24p-e	-	All	All	All
Hardware	Cisco	Catalyst 3560x-24p-l	-	All	All	All
Hardware	Cisco	Catalyst 3560x-24p-l	-	All	All	All
Hardware	Cisco	Catalyst 3560x-24p-s	-	All	All	All
Hardware	Cisco	Catalyst 3560x-24p-s	-	All	All	All



Hardware	Cisco	Catalyst 3560x-48u-s	-	All	All	All
Hardware	Cisco	Catalyst 3750-24fs	-	All	All	All
Hardware	Cisco	Catalyst 3750-24fs	-	All	All	All
Hardware	Cisco	Catalyst 3750-24ps	-	All	All	All
Hardware	Cisco	Catalyst 3750-24ps	-	All	All	All
Hardware	Cisco	Catalyst 3750-24ts	-	All	All	All
Hardware	Cisco	Catalyst 3750-24ts	-	All	All	All
Hardware	Cisco	Catalyst 3750-48ps	-	All	All	All
Hardware	Cisco	Catalyst 3750-48ps	-	All	All	All
Hardware	Cisco	Catalyst 3750-48ts	-	All	All	All
Hardware	Cisco	Catalyst 3750-48ts	-	All	All	All
Hardware	Cisco	Catalyst 3750e-24pd-e	-	All	All	All
Hardware	Cisco	Catalyst 3750e-24pd-e	-	All	All	All
Hardware	Cisco	Catalyst 3750e-24pd-s	-	All	All	All
Hardware	Cisco	Catalyst 3750e-24pd-s	-	All	All	All
Hardware	Cisco	Catalyst 3750e-24td-e	-	All	All	All
Hardware	Cisco	Catalyst 3750e-24td-e	-	All	All	All
Hardware	Cisco	Catalyst 3750e-24td-s	-	All	All	All
Hardware	Cisco	Catalyst 3750e-24td-s	-	All	All	All
Hardware	Cisco	Catalyst 3750e-48pd-e	-	All	All	All
Hardware	Cisco	Catalyst 3750e-48pd-e	-	All	All	All
Hardware	Cisco	Catalyst 3750e-48pd-ef	-	All	All	All
Hardware	Cisco	Catalyst 3750e-48pd-ef	-	All	All	All
Hardware	Cisco	Catalyst 3750e-48pd-s	-	All	All	All
Hardware	Cisco	Catalyst 3750e-48pd-s	-	All	All	All
Hardware	Cisco	Catalyst 3750e-48pd-sf	-	All	All	All
Hardware	Cisco	Catalyst 3750e-48pd-sf	-	All	All	All
Hardware	Cisco	Catalyst 3750e-48td-e	-	All	All	All
Hardware	Cisco	Catalyst 3750e-48td-e	-	All	All	All
Hardware	Cisco	Catalyst 3750e-48td-s	-	All	All	All
Hardware	Cisco	Catalyst 3750e-48td-s	-	All	All	All
Hardware	Cisco	Catalyst 3750g-12s	-	All	All	All
Hardware	Cisco	Catalyst 3750g-12s	-	All	All	All
Hardware	Cisco	Catalyst 3750g-12s-sd	-	All	All	All
Hardware	Cisco	Catalyst 3750g-12s-sd	-	All	All	All
Hardware	Cisco	Catalyst 3750n-16td	-	All	All	All

Hardware	Cisco	Catalyst 3750g-10t	-	All	All	All
Hardware	Cisco	Catalyst 3750g-16td	-	All	All	All
Hardware	Cisco	Catalyst 3750g-24ps	-	All	All	All
Hardware	Cisco	Catalyst 3750g-24ps	-	All	All	All
Hardware	Cisco	Catalyst 3750g-24t	-	All	All	All
Hardware	Cisco	Catalyst 3750g-24t	-	All	All	All
Hardware	Cisco	Catalyst 3750g-24ts	-	All	All	All
Hardware	Cisco	Catalyst 3750g-24ts	-	All	All	All
Hardware	Cisco	Catalyst 3750g-24ts-1u	-	All	All	All
Hardware	Cisco	Catalyst 3750g-24ts-1u	-	All	All	All
Hardware	Cisco	Catalyst 3750g-48ps	-	All	All	All
Hardware	Cisco	Catalyst 3750g-48ps	-	All	All	All
Hardware	Cisco	Catalyst 3750g-48ts	-	All	All	All
Hardware	Cisco	Catalyst 3750g-48ts	-	All	All	All
Hardware	Cisco	Catalyst 3750v2-24fs	-	All	All	All
Hardware	Cisco	Catalyst 3750v2-24fs	-	All	All	All
Hardware	Cisco	Catalyst 3750v2-24ps	-	All	All	All
Hardware	Cisco	Catalyst 3750v2-24ps	-	All	All	All
Hardware	Cisco	Catalyst 3750v2-24ts	-	All	All	All
Hardware	Cisco	Catalyst 3750v2-24ts	-	All	All	All
Hardware	Cisco	Catalyst 3750v2-48ps	-	All	All	All
Hardware	Cisco	Catalyst 3750v2-48ps	-	All	All	All
Hardware	Cisco	Catalyst 3750v2-48ts	-	All	All	All
Hardware	Cisco	Catalyst 3750v2-48ts	-	All	All	All
Hardware	Cisco	Catalyst 3750x-12s-e	-	All	All	All
Hardware	Cisco	Catalyst 3750x-12s-e	-	All	All	All
Hardware	Cisco	Catalyst 3750x-12s-s	-	All	All	All
Hardware	Cisco	Catalyst 3750x-12s-s	-	All	All	All
Hardware	Cisco	Catalyst 3750x-24p-e	-	All	All	All
Hardware	Cisco	Catalyst 3750x-24p-e	-	All	All	All
Hardware	Cisco	Catalyst 3750x-24p-l	-	All	All	All
Hardware	Cisco	Catalyst 3750x-24p-l	-	All	All	All
Hardware	Cisco	Catalyst 3750x-24p-s	-	All	All	All
Hardware	Cisco	Catalyst 3750x-24p-s	-	All	All	All
Hardware	Cisco	Catalyst 3750x-24s-e	-	All	All	All
Hardware	Cisco	Catalyst 3750x-24s-e	-	All	All	All



Hardware	Cisco	Catalyst 3750x-48u-l	-	All	All	All
Hardware	Cisco	Catalyst 3750x-48u-s	-	All	All	All
Hardware	Cisco	Catalyst 3750x-48u-s	-	All	All	All
Hardware	Cisco	Catalyst 3750 Metro 24-ac	-	All	All	All
Hardware	Cisco	Catalyst 3750 Metro 24-ac	-	All	All	All
Hardware	Cisco	Catalyst 3750 Metro 24-dc	-	All	All	All
Hardware	Cisco	Catalyst 3750 Metro 24-dc	-	All	All	All
Hardware	Cisco	Catalyst 4000 Supervisor Engine I	-	All	All	All
Hardware	Cisco	Catalyst 4000 Supervisor Engine I	-	All	All	All
Hardware	Cisco	Catalyst 4000 Supervisor Engine Iv	-	All	All	All
Hardware	Cisco	Catalyst 4000 Supervisor Engine Iv	-	All	All	All
Hardware	Cisco	Catalyst 4000 Supervisor Engine V	-	All	All	All
Hardware	Cisco	Catalyst 4000 Supervisor Engine V	-	All	All	All
Hardware	Cisco	Catalyst 4500e Supervisor Engine 8-e	-	All	All	All
Hardware	Cisco	Catalyst 4500e Supervisor Engine 8-e	-	All	All	All
Hardware	Cisco	Catalyst 4500 Supervisor Engine 6-e	-	All	All	All
Hardware	Cisco	Catalyst 4500 Supervisor Engine 6-e	-	All	All	All
Hardware	Cisco	Catalyst 4500 Supervisor Engine 6l-e	-	All	All	All
Hardware	Cisco	Catalyst 4500 Supervisor Engine 6l-e	-	All	All	All
Hardware	Cisco	Catalyst 4500 Supervisor Engine li-plus	-	All	All	All
Hardware	Cisco	Catalyst 4500 Supervisor Engine li-plus	-	All	All	All
Hardware	Cisco	Catalyst 4500 Supervisor Engine li-plus-ts	-	All	All	All
Hardware	Cisco	Catalyst 4500 Supervisor Engine li-plus-ts	-	All	All	All
Hardware	Cisco	Catalyst 4500 Supervisor Engine Iv	-	All	All	All
Hardware	Cisco	Catalyst 4500 Supervisor Engine Iv	-	All	All	All
Hardware	Cisco	Catalyst 4500 Supervisor Engine V	-	All	All	All
Hardware	Cisco	Catalyst 4500 Supervisor Engine V	-	All	All	All
Hardware	Cisco	Catalyst 4500 Supervisor Engine V-10ge	-	All	All	All
Hardware	Cisco	Catalyst 4500 Supervisor Engine V-10ge	-	All	All	All
Hardware	Cisco	Catalyst 4500 Supervisor li-plus-10ge	-	All	All	All
Hardware	Cisco	Catalyst 4500 Supervisor li-plus-10ge	-	All	All	All
Hardware	Cisco	Catalyst 4900m	-	All	All	All
Hardware	Cisco	Catalyst 4900m	-	All	All	All
Hardware	Cisco	Catalyst 4928 10 Gigabit Ethernet Switch	-	All	All	All
Hardware	Cisco	Catalyst 4928 10 Gigabit Ethernet Switch	-	All	All	All
Hardware	Cisco	Catalyst 4948	-	All	All	All

Hardware	Vendor	Catalyst 10-12	-	All	All	All
Hardware	Cisco	Catalyst 4948	-	All	All	All
Hardware	Cisco	Catalyst 4948e-f Ethernet Switch	-	All	All	All
Hardware	Cisco	Catalyst 4948e-f Ethernet Switch	-	All	All	All
Hardware	Cisco	Catalyst 4948e Ethernet Switch	-	All	All	All
Hardware	Cisco	Catalyst 4948e Ethernet Switch	-	All	All	All
Hardware	Cisco	Catalyst 4948 10 Gigabit Ethernet Switch	-	All	All	All
Hardware	Cisco	Catalyst 4948 10 Gigabit Ethernet Switch	-	All	All	All
Hardware	Cisco	Catalyst Blade Switch 3020	-	All	All	All
Hardware	Cisco	Catalyst Blade Switch 3020	-	All	All	All
Hardware	Cisco	Catalyst Blade Switch 3030	-	All	All	All
Hardware	Cisco	Catalyst Blade Switch 3030	-	All	All	All
Hardware	Cisco	Catalyst Blade Switch 3032	-	All	All	All
Hardware	Cisco	Catalyst Blade Switch 3032	-	All	All	All
Hardware	Cisco	Catalyst Blade Switch 3040	-	All	All	All
Hardware	Cisco	Catalyst Blade Switch 3040	-	All	All	All
Hardware	Cisco	Catalyst Blade Switch 3120	-	All	All	All
Hardware	Cisco	Catalyst Blade Switch 3120	-	All	All	All
Hardware	Cisco	Catalyst Blade Switch 3120x	-	All	All	All
Hardware	Cisco	Catalyst Blade Switch 3120x	-	All	All	All
Hardware	Cisco	Catalyst Blade Switch 3130	-	All	All	All
Hardware	Cisco	Catalyst Blade Switch 3130	-	All	All	All
Hardware	Cisco	Catalyst C2928-24It-c	-	All	All	All
Hardware	Cisco	Catalyst C2928-24It-c	-	All	All	All
Hardware	Cisco	Catalyst C2928-48tc-c	-	All	All	All
Hardware	Cisco	Catalyst C2928-48tc-c	-	All	All	All
Hardware	Cisco	Catalyst Switch Module 3012	-	All	All	All
Hardware	Cisco	Catalyst Switch Module 3012	-	All	All	All
Hardware	Cisco	Catalyst Switch Module 3110	-	All	All	All
Hardware	Cisco	Catalyst Switch Module 3110	-	All	All	All
Hardware	Cisco	Catalyst Switch Module 3110x	-	All	All	All
Hardware	Cisco	Catalyst Switch Module 3110x	-	All	All	All
Hardware	Cisco	Embedded Service 2020 24tc Con	-	All	All	All
Hardware	Cisco	Embedded Service 2020 24tc Con	-	All	All	All
Hardware	Cisco	Embedded Service 2020 24tc Con B	-	All	All	All
Hardware	Cisco	Embedded Service 2020 24tc Con B	-	All	All	All

Hardware	Cisco	Embedded Service 2020 24tc Ncp	-	All	All	All
Hardware	Cisco	Embedded Service 2020 24tc Ncp	-	All	All	All
Hardware	Cisco	Embedded Service 2020 24tc Ncp B	-	All	All	All
Hardware	Cisco	Embedded Service 2020 24tc Ncp B	-	All	All	All
Hardware	Cisco	Embedded Service 2020 Con	-	All	All	All
Hardware	Cisco	Embedded Service 2020 Con	-	All	All	All
Hardware	Cisco	Embedded Service 2020 Con B	-	All	All	All
Hardware	Cisco	Embedded Service 2020 Con B	-	All	All	All
Hardware	Cisco	Embedded Service 2020 Ncp	-	All	All	All
Hardware	Cisco	Embedded Service 2020 Ncp	-	All	All	All
Hardware	Cisco	Embedded Service 2020 Ncp B	-	All	All	All
Hardware	Cisco	Embedded Service 2020 Ncp B	-	All	All	All
Hardware	Cisco	Enhanced Layer 2/3 Etherswitch Service Module	-	All	All	All
Hardware	Cisco	Enhanced Layer 2/3 Etherswitch Service Module	-	All	All	All
Hardware	Cisco	Enhanced Layer 2/3 Etherswitch Service Module	-	All	All	All
Hardware	Cisco	Enhanced Layer 2 Etherswitch Service Module	-	All	All	All
Hardware	Cisco	Enhanced Layer 2 Etherswitch Service Module	-	All	All	All
Hardware	Cisco	Gigabit Ethernet Switch Module Cgesm	-	All	All	All
Hardware	Cisco	Gigabit Ethernet Switch Module Cgesm	-	All	All	All
Hardware	Cisco	Gigabit Ethernet Switch Module Cgesm	-	All	All	All
Hardware	Cisco	Ie-3010-16s-8pc Industrial Ethernet Switch	-	All	All	All
Hardware	Cisco	Ie-3010-16s-8pc Industrial Ethernet Switch	-	All	All	All
Hardware	Cisco	Ie-3010-24tc Industrial Ethernet Switch	-	All	All	All
Hardware	Cisco	Ie-3010-24tc Industrial Ethernet Switch	-	All	All	All
Hardware	Cisco	Ie-4000-16gt4g-e Industrial Ethernet Switch	-	All	All	All
Hardware	Cisco	Ie-4000-16gt4g-e Industrial Ethernet Switch	-	All	All	All
Hardware	Cisco	Ie-4000-16t4g-e Industrial Ethernet Switch	-	All	All	All
Hardware	Cisco	Ie-4000-16t4g-e Industrial Ethernet Switch	-	All	All	All
Hardware	Cisco	Ie-4000-4gc4gp4g-e Industrial Ethernet Switch	-	All	All	All
Hardware	Cisco	Ie-4000-4gc4gp4g-e Industrial Ethernet Switch	-	All	All	All
Hardware	Cisco	Ie-4000-4gs8gp4g-e Industrial Ethernet Switch	-	All	All	All
Hardware	Cisco	Ie-4000-4gs8gp4g-e Industrial Ethernet Switch	-	All	All	All
Hardware	Cisco	Ie-4000-4s8p4g-e Industrial Ethernet Switch	-	All	All	All
Hardware	Cisco	Ie-4000-4s8p4g-e Industrial Ethernet Switch	-	All	All	All
Hardware	Cisco	Ie-4000-4t4p4g-e Industrial Ethernet Switch	-	All	All	All



Hardware	Cisco	le 2000-16tc Industrial Ethernet Switch	-	All	All	All
Hardware	Cisco	le 2000-24t67 Industrial Ethernet Switch	-	All	All	All
Hardware	Cisco	le 2000-24t67 Industrial Ethernet Switch	-	All	All	All
Hardware	Cisco	le 2000-4s-ts-g Industrial Ethernet Switch	-	All	All	All
Hardware	Cisco	le 2000-4s-ts-g Industrial Ethernet Switch	-	All	All	All
Hardware	Cisco	le 2000-4t-g Industrial Ethernet Switch	-	All	All	All
Hardware	Cisco	le 2000-4t-g Industrial Ethernet Switch	-	All	All	All
Hardware	Cisco	le 2000-4ts-g Industrial Ethernet Switch	-	All	All	All
Hardware	Cisco	le 2000-4ts-g Industrial Ethernet Switch	-	All	All	All
Hardware	Cisco	le 2000-4ts Industrial Ethernet Switch	-	All	All	All
Hardware	Cisco	le 2000-4ts Industrial Ethernet Switch	-	All	All	All
Hardware	Cisco	le 2000-4t Industrial Ethernet Switch	-	All	All	All
Hardware	Cisco	le 2000-4t Industrial Ethernet Switch	-	All	All	All
Hardware	Cisco	le 2000-8t67p Industrial Ethernet Switch	-	All	All	All
Hardware	Cisco	le 2000-8t67p Industrial Ethernet Switch	-	All	All	All
Hardware	Cisco	le 2000-8t67 Industrial Ethernet Switch	-	All	All	All
Hardware	Cisco	le 2000-8t67 Industrial Ethernet Switch	-	All	All	All
Hardware	Cisco	le 2000-8tc-g-e Industrial Ethernet Switch	-	All	All	All
Hardware	Cisco	le 2000-8tc-g-e Industrial Ethernet Switch	-	All	All	All
Hardware	Cisco	le 2000-8tc-g-n Industrial Ethernet Switch	-	All	All	All
Hardware	Cisco	le 2000-8tc-g-n Industrial Ethernet Switch	-	All	All	All
Hardware	Cisco	le 2000-8tc-g Industrial Ethernet Switch	-	All	All	All
Hardware	Cisco	le 2000-8tc-g Industrial Ethernet Switch	-	All	All	All
Hardware	Cisco	le 2000-8tc Industrial Ethernet Switch	-	All	All	All
Hardware	Cisco	le 2000-8tc Industrial Ethernet Switch	-	All	All	All
Hardware	Cisco	le 3000-4tc Industrial Ethernet Switch	-	All	All	All
Hardware	Cisco	le 3000-4tc Industrial Ethernet Switch	-	All	All	All
Hardware	Cisco	le 3000-8tc Industrial Ethernet Switch	-	All	All	All
Hardware	Cisco	le 3000-8tc Industrial Ethernet Switch	-	All	All	All
Operating System	Cisco	ios	All	All	All	All
Operating System	Cisco	ios	All	All	All	All
Operating System	Cisco	ios Xe	All	All	All	All
Hardware	Cisco	Me 4924-10ge	-	All	All	All
Hardware	Cisco	Me 4924-10ge	-	All	All	All
Hardware	Cisco	Rf Gateway 10	-	All	All	All

Hardware	Cisco	Rf Gateway 10	-	All	All	All
Hardware	Cisco	Sm-x Layer 2/3 Etherswitch Service Module	-	All	All	All
Hardware	Cisco	Sm-x Layer 2/3 Etherswitch Service Module	-	All	All	All
Hardware	Cisco	Sm-x Layer 2/3 Etherswitch Service Module	-	All	All	All

## References

### Reference

Cisco Catalyst 2960 IOS 12.2(55)SE11 - 'ROCEM' Remote Code Execution

Cisco IOS/IOS XE Cluster Management Protocol Lets Remote Users Deny Service and Execute Arbitrary Code on the Target System - Secur

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Cisco IOS and IOS XE Software CVE-2017-3881 Remote Code Execution Vulnerability

RETIRED: Multiple Rockwell Automation Products CVE-2017-3881 Remote Code Execution Vulnerability

Cisco IOS and IOS XE Software Cluster Management Protocol Remote Code Execution Vulnerability

CVE Program record

NVD vulnerability detail

CISA Known Exploited Vulnerabilities catalog



No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

[590350](#) Rockwell Automation Allen-Bradley Stratix and Allen-Bradley ArmorStratix Vulnerability (ICSA-17-094-03)

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