



CVE-2018-0171

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064_img.jpg\)](#)

Summary

CVE	CVE-2018-0171
State	PUBLIC
Assigner	psirt@cisco.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2018-03-28 22:29:00 UTC
Updated	2020-09-04 18:25:00 UTC
Description	A vulnerability in the Smart Install feature of Cisco IOS Software and Cisco IOS XE Software could allow an unauthenticated

Risk And Classification

EPSS: 0.930310000 probability, percentile 0.997840000 (date 2026-04-02)

CISA KEV: Listed on 2021-11-03; due 2022-05-03; ransomware use Unknown

Problem Types: CWE-787

CISA Known Exploited Vulnerability

Vendor	Cisco
Product	IOS and IOS XE
Name	Cisco IOS and IOS XE Software Smart Install Remote Code Execution Vulnerability
Required Action	Apply updates per vendor instructions.
Notes	https://nvd.nist.gov/vuln/detail/CVE-2018-0171

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Cisco	ios	15.2(5)e	All	All	All
Operating System	Cisco	ios	15.2(5)e	All	All	All
Operating System	Cisco	ios	15.2(5)e	All	All	All

References

Reference	Source
Cisco IOS/IOS XE Buffer Overflow in Processing Smart Install Packets Lets Remote Users Execute Arbitrary Code - SecurityTracker	SECT
Rockwell Automation Stratix and ArmorStratix Switches CISA	MISC

Malformed Request	BID
Rockwell Automation Stratix Industrial Managed Ethernet Switch ICS-CERT	MISC
Cisco IOS and IOS XE Software Smart Install Remote Code Execution Vulnerability	CONF
Attackers Exploit Cisco Switch Issue as Vendor ...	MISC
CVE Program record	CVE.C
NVD vulnerability detail	NVD
CISA Known Exploited Vulnerabilities catalog	CISA

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[590338](#) Rockwell Automation Stratix and ArmorStratix Switches Multiple Vulnerabilities (ICSA-18-107-04)

[590339](#) Rockwell Automation Stratix Industrial Managed Ethernet Switch Multiple Vulnerabilities (ICSA-18-107-05)

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