



CVE-2015-0685

- MITRE
- NVD
- CVE.ORG
- JSON API
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Summary

CVE	CVE-2015-0685
State	PUBLISHED
Assigner	cisco
Source Priority	CVE Program / NVD first with legacy fallback
Published	2015-04-03 02:00:24 UTC
Updated	2026-05-06 22:30:45 UTC
Description	Cisco IOS XE before 3.7.5S on ASR 1000 devices does not properly handle route adjacencies, which allows remote attackers to execute arbitrary code or cause a denial of service (CPU usage spike) via a crafted packet.

Risk And Classification

Primary CVSS: v2.0 7.8 from nvd@nist.gov

AV:N/AC:L/Au:N/C:N/I:N/A:C

Problem Types: CWE-20 | n/a

CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Low

Authentication

None

Confidentiality

None

Integrity

None

Availability

Complete

AV:N/AC:L/Au:N/C:N/I:N/A:C

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Cisco	ios Xe	All	All	All	All

Vendor Declared Affected Products				
Source	Vendor	Product	Version	Platforms
CNA	Na	N/a	affected n/a	Not specified
References				
Reference			Source	
Cisco ASR 1000 Series Router Adjacency Processing Flaw Lets Remote Users Deny Service - SecurityTracker			af854a3a-2127-422b-91ae-	
Cisco ASR1000 Series Routers Incomplete or Glean Adjacencies Denial of Service Vulnerability			af854a3a-2127-422b-91ae-	
CVE Program record			CVE.ORG	
NVD vulnerability detail			NVD	
No vendor comments have been submitted for this CVE.				
There are currently no legacy QID mappings associated with this CVE.				