CVE-2020-3414

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CVE-2020-3414 - advisory for cisco-sa-ISR4461-gKKUROhx

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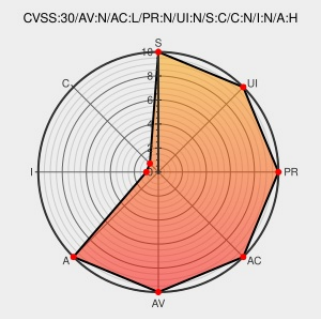

Certain versions of 4461 Integrated Services Router from Cisco contain the following vulnerability:

A vulnerability in the packet processing of Cisco IOS XE Software for Cisco 4461 Integrated Services Routers could allow an unauthenticated, remote attacker to cause an affected device to reload, resulting in a denial of service (DoS) condition. The vulnerability is due to incorrect processing of IPv4 or IPv6 traffic to or through an affected device. An attacker could exploit this vulnerability by sending IP traffic to or through an affected device. A successful exploit could allow the attacker to cause the device to reload, resulting in a DoS condition.

CVE-2020-3414 has been assigned by psirt@cisco.com to track the vulnerability - currently rated as HIGH severity.

The Cisco Product Security Incident Response Team (PSIRT) is not aware of any public announcements or malicious use of the vulnerability that is described in this advisory.

Affected Vendor/Software: **Cisco** - **Cisco IOS XE Software 17.1.1** version **n/a**

CVSS3 Score: 8.6 - HIGH

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	LOW	NONE	NONE
Scope	**Confidentiality Impact**	**Integrity Impact**	**Availability Impact**
CHANGED	NONE	NONE	HIGH

CVSS2 Score: 7.8 - HIGH

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**

NONE NONE COMPLETE

CVE References

Description	Tags	Link
Cisco IOS XE Software for Cisco 4461 Integrated Services Routers Denial of Service Vulnerability	Vendor Advisory tools.cisco.com text/html	CISCO 20200924 Cisco IOS XE Software for Cisco 4461 Integrated Services Routers Denial of Service Vulnerability

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Cisco	4461 Integrated Services Router	-	All	All	All
Operating System	Cisco	Ios Xe	16.10.4	All	All	All
Operating System	Cisco	Ios Xe	16.11.2	All	All	All
Operating System	Cisco	Ios Xe	16.12.3	All	All	All
Operating System	Cisco	Ios Xe	16.9.2	All	All	All
Operating System	Cisco	Ios Xe	17.1.1	All	All	All
Operating System	Cisco	Ios Xe	16.10.4	All	All	All
Operating System	Cisco	Ios Xe	16.11.2	All	All	All
Operating System	Cisco	Ios Xe	16.12.3	All	All	All
Operating System	Cisco	Ios Xe	16.9.2	All	All	All
Operating System	Cisco	Ios Xe	17.1.1	All	All	All
Hardware	Cisco	Isr 4461	-	All	All	All
Hardware	Cisco	Isr 4461	-	All	All	All

cpe:2.3:h:cisco:4461_integrated_services_router:-:*:*:*:*:*:*:*:

cpe:2.3:o:cisco:ios_xe:16.10.4:*:*:*:*:*:*:*:

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cpe:2.3:o:cisco:ios_xe:16.12.3:*:*:*:*:*:*:*:

cpe:2.3:o:cisco:ios_xe:16.9.2:*:*:*:*:*:*:*:

cpe:2.3:o:cisco:ios_xe:17.1.1:*:*:*:*:*:*:*:

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cpe:2.3:o:cisco:ios_xe:17.1.1:*:*:*:*:*:*:*:

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cpe:2.3:h:cisco:isr_4461:-:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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