

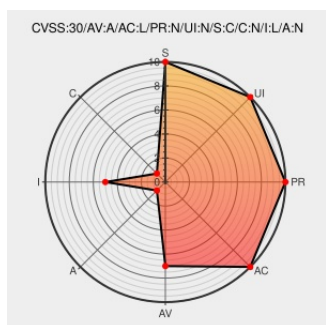


CVE-2020-3418

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CVE-2020-3418 - advisory for cisco-sa-ewlc-icmpv6-qb9eYyCR

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#)

Certain versions of [Catalyst 9800-40](#) from [Cisco](#) contain the following vulnerability:

A vulnerability in Cisco IOS XE Wireless Controller Software for Cisco Catalyst 9800 Series Routers could allow an unauthenticated, adjacent attacker to send ICMPv6 traffic prior to the client being placed into RUN state. The vulnerability is due to an incomplete access control list (ACL) being applied prior to RUN state. An attacker could exploit this

vulnerability by connecting to the associated service set identifier (SSID) and sending ICMPv6 traffic. A successful exploit could allow the attacker to send ICMPv6 traffic prior to RUN state.

CVE-2020-3418 has been assigned by [Cisco](#) psirt@cisco.com to track the vulnerability - currently rated as **MEDIUM** 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** version n/a

CVSS3 Score: **4.7 - MEDIUM**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
ADJACENT_NETWORK	LOW	NONE	NONE
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
CHANGED	NONE	LOW	NONE

CVSS2 Score: **3.3 - LOW**

Access Vector	Access Complexity	Authentication
ADJACENT_NETWORK	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
NONE	PARTIAL	NONE

CVE References

Description	Tags	Link
Cisco IOS XE Wireless Controller Software for the Catalyst 9000 Family Improper Access Control Vulnerability	Vendor Advisory tools.cisco.com text/html	🔗 CISCO 20200924 Cisco IOS XE Wireless Controller Software for the Catalyst 9000 Family Improper Access Control Vulnerability

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware 	Cisco	Catalyst 9800-40	-	All	All	All
Hardware 	Cisco	Catalyst 9800-40	-	All	All	All
Hardware 	Cisco	Catalyst 9800-80	-	All	All	All
Hardware 	Cisco	Catalyst 9800-80	-	All	All	All
Hardware 	Cisco	Catalyst 9800-cl	-	All	All	All
Hardware 	Cisco	Catalyst 9800-cl	-	All	All	All
Hardware 	Cisco	Catalyst 9800-l	-	All	All	All
Hardware 	Cisco	Catalyst 9800-l	-	All	All	All
Hardware 	Cisco	Catalyst 9800-l-c	-	All	All	All
Hardware 	Cisco	Catalyst 9800-l-c	-	All	All	All
Hardware 	Cisco	Catalyst 9800-l-f	-	All	All	All
Hardware 	Cisco	Catalyst 9800-l-f	-	All	All	All
Operating System	Cisco	ios Xe	17.1.1	All	All	All
Operating System	Cisco	ios Xe	17.1.1	All	All	All
cpe:2.3:h:cisco:catalyst_9800-40:-:~::~~::~~::~~::~~::~~::~~:::						
cpe:2.3:h:cisco:catalyst_9800-40:-:~::~~::~~::~~::~~::~~::~~:::						
cpe:2.3:h:cisco:catalyst_9800-80:-:~::~~::~~::~~::~~::~~::~~:::						
cpe:2.3:h:cisco:catalyst_9800-80:-:~::~~::~~::~~::~~::~~::~~:::						
cpe:2.3:h:cisco:catalyst_9800-cl:-:~::~~::~~::~~::~~::~~::~~:::						

cpe:2.3:h:cisco:catalyst_9800-cl:-:*:*:*:*:*:
cpe:2.3:h:cisco:catalyst_9800-l:-:*:*:*:*:*:
cpe:2.3:h:cisco:catalyst_9800-l:-:*:*:*:*:*:
cpe:2.3:h:cisco:catalyst_9800-l-c:-:*:*:*:*:*:
cpe:2.3:h:cisco:catalyst_9800-l-c:-:*:*:*:*:*:
cpe:2.3:h:cisco:catalyst_9800-l-f:-:*:*:*:*:*:
cpe:2.3:h:cisco:catalyst_9800-l-f:-:*:*:*:*:*:
cpe:2.3:o:cisco:ios_xe:17.1.1:*:*:*:*:*:
cpe:2.3:o:cisco:ios_xe:17.1.1:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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