CVE-2020-3571

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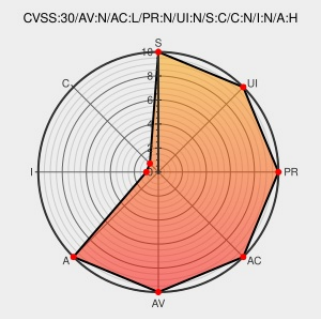
CVE-2020-3571 - advisory for cisco-sa-ftd-icmp-dos-hxxcycM

Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Firepower 4110 from Cisco contain the following vulnerability:

A vulnerability in the ICMP ingress packet processing of Cisco Firepower Threat Defense (FTD) Software for Cisco Firepower 4110 appliances could allow an unauthenticated, remote attacker to cause a denial of service (DoS) condition on an affected device. The vulnerability is due to incomplete input validation upon receiving ICMP packets. An attacker could exploit this vulnerability by sending a high number of crafted ICMP or ICMPv6 packets to an affected device. A successful exploit could allow the attacker to cause a memory exhaustion condition that may result in an unexpected reload. No manual intervention is needed to recover the device after the reload.

CVE-2020-3571 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 Firepower Threat Defense Software** 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	**Integrity**	**Availability**

Impact	Impact	Impact
NONE	NONE	COMPLETE

CVE References

Description	Tags	Link
Cisco Firepower 4110 ICMP Flood Denial of Service Vulnerability	Vendor Advisory tools.cisco.com text/html	CISCO 20201021 Cisco Firepower 4110 ICMP Flood 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	Firepower 4110	-	All	All	All
Hardware	Cisco	Firepower 4110	-	All	All	All
Hardware	Cisco	Firepower 4112	-	All	All	All
Hardware	Cisco	Firepower 4112	-	All	All	All
Hardware	Cisco	Firepower 4115	-	All	All	All
Hardware	Cisco	Firepower 4115	-	All	All	All
Hardware	Cisco	Firepower 4120	-	All	All	All
Hardware	Cisco	Firepower 4120	-	All	All	All
Hardware	Cisco	Firepower 4125	-	All	All	All
Hardware	Cisco	Firepower 4125	-	All	All	All
Hardware	Cisco	Firepower 4140	-	All	All	All
Hardware	Cisco	Firepower 4140	-	All	All	All
Hardware	Cisco	Firepower 4145	-	All	All	All
Hardware	Cisco	Firepower 4145	-	All	All	All
Hardware	Cisco	Firepower 4150	-	All	All	All
Hardware	Cisco	Firepower 4150	-	All	All	All
Application	Cisco	Firepower Threat Defense	All	All	All	All
Application	Cisco	Firepower Threat Defense	All	All	All	All

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No vendor comments have been submitted for this CVE

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