CVE-2020-3533

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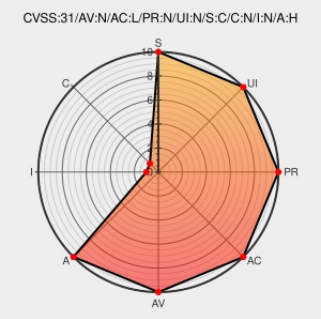
CVE-2020-3533 - advisory for cisco-sa-ftd-snmp-dos-R8ENPbOs

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



Certain versions of Firepower Threat Defense from Cisco contain the following vulnerability:

A vulnerability in the Simple Network Management Protocol (SNMP) input packet processor of Cisco Firepower Threat Defense (FTD) Software could allow an unauthenticated, remote attacker to cause an affected device to restart unexpectedly. The vulnerability is due to a lack of sufficient memory management protections under heavy SNMP polling loads. An attacker could exploit this vulnerability by sending a high rate of SNMP requests to the SNMP daemon through the management interface on an affected device. A successful exploit could allow the attacker to cause the SNMP daemon process to consume a large amount of system memory over time, which could then lead to an unexpected device restart, causing a denial of service (DoS) condition. This vulnerability affects all versions of SNMP.

CVE-2020-3533 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: 7.5 - HIGH

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

CVSS2 Score: 5 - MEDIUM

Access Vector	Access Complexity	Authentication

NETWORK	LOW	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
NONE	NONE	PARTIAL

CVE References

Description	Tags	Link
Cisco Firepower Threat Defense Software SNMP Denial of Service Vulnerability	Vendor Advisory tools.cisco.com text/html	CISCO 20201021 Cisco Firepower Threat Defense Software SNMP 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
Application	Cisco	Firepower Threat Defense	All	All	All	All
Application	Cisco	Firepower Threat Defense	All	All	All	All

cpe:2.3:a:cisco:firepower_threat_defense:*:*:*:*:*:*:*:*:

cpe:2.3:a:cisco:firepower_threat_defense:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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