

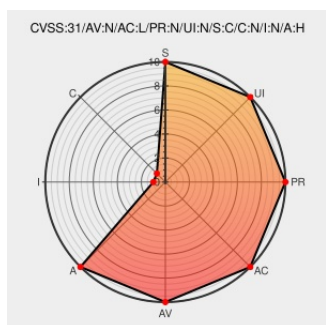


CVE-2020-3533

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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 [Cisco](#) 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
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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

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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

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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