

# Cisco Firepower Threat Defense

## IPV6 Denial of Service (DoS) Vulnerability in Cisco Firepower Threat Defense



**High** **CVE-2020-3179**  
 ID : cisco-sa-ftd-dos-2-sS2h7aWe  
 Published : 2020-05-06 16:00  
 Updated : 2020-06-02 21:15  
 Version : 1.2 : Final  
 CVSS Score : 8.6  
 Workarounds : No workarounds available  
 Cisco ID : CSCvq78828

Denial of Service (DoS) vulnerability in Cisco Firepower Threat Defense (FTD) versions 6.3(1) through 6.3(10) and 6.4(1) through 6.4(10) allows an attacker to cause a denial of service (DoS) condition by sending a specially crafted IPv6 packet to the device.

### Summary

Cisco Firepower Threat Defense (FTD) versions 6.3(1) through 6.3(10) and 6.4(1) through 6.4(10) are affected by a Denial of Service (DoS) vulnerability. The vulnerability is located in the Generic Routing Encapsulation (GRE) interface. An attacker can exploit this vulnerability by sending a specially crafted IPv6 packet to the device, causing a Denial of Service (DoS) condition.

The vulnerability is located in the Generic Routing Encapsulation (GRE) interface. An attacker can exploit this vulnerability by sending a specially crafted IPv6 packet to the device, causing a Denial of Service (DoS) condition. The vulnerability is caused by a buffer overflow in the GRE interface when processing a specially crafted IPv6 packet. The attacker can send a packet with a large number of IPv6 addresses, causing the device to run out of memory and become unresponsive.

The vulnerability is caused by a buffer overflow in the GRE interface when processing a specially crafted IPv6 packet.

For more information, please refer to the following link:  
<https://sec.cloudapps.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-ftd-dos-2-sS2h7aWe>

Cisco Firepower Threat Defense (FTD) versions 6.3(1) through 6.3(10) and 6.4(1) through 6.4(10) are affected by a Denial of Service (DoS) vulnerability. The vulnerability is located in the Generic Routing Encapsulation (GRE) interface. An attacker can exploit this vulnerability by sending a specially crafted IPv6 packet to the device, causing a Denial of Service (DoS) condition. The vulnerability is caused by a buffer overflow in the GRE interface when processing a specially crafted IPv6 packet. The attacker can send a packet with a large number of IPv6 addresses, causing the device to run out of memory and become unresponsive.

Publication

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CiscoFirepower Management

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4. [Save] ã,ã,¬ãfãáfã,¬ã—ã¾ã™ã€,

5. [Deploy] ã,ã,¬ãfãáfã,¬ã—ã¾ã™ã€,

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Cisco Product Security Incident Response

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## URL

<https://sec.cloudapps.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-ftd-dos-2-sS2h7aWe>

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## 翻訳について

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