

# Cisco Firepower Detection Engine<sup>®</sup> Pragmatic General Multicast Protocol

## Decode Cisco Pragmatic General Multicast Protocol (DoS)



Severity: High  
ID: cisco-sa-20170419-fpsnort

[CVE-2016-6368](#)

Published: 2017-04-19 16:00

Version: 1.0

CVSS: 8.6

Workarounds: No workarounds available

Cisco ID: CSCuz00876

This advisory describes a vulnerability in the Cisco Pragmatic General Multicast (PGM) protocol.

Impact:

Cisco Firepower devices running version 1.0 or earlier are vulnerable to a Denial of Service (DoS) attack. This attack can be triggered by sending a crafted PGM message to a specific interface on a Cisco Firepower device, causing it to drop all incoming traffic.

The attack vector is as follows:

- The attacker sends a crafted PGM message to a specific interface on a Cisco Firepower device.
- The message contains a sequence of bytes that trigger a buffer overflow in the receiving software.
- The overflow causes the device to drop all incoming traffic, effectively denying service to legitimate users.

A Cisco Firepower device running version 1.1 or later is not affected by this vulnerability.

For more information, please refer to the Cisco Security Advisory at <https://sec.cloudapps.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-20170419-fpsnort>.

Resolution:

Upgrade to Cisco Firepower version 1.1 or later.

A Cisco Firepower device running version 1.1 or later is not affected by this vulnerability.

1. [Policies] > [Access Control] > [Malware and File]

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# FirePOWER—افغانستان، ©۱۴۰۰

- **Snort**  
A network intrusion detection system (IDS) that monitors network traffic for specific patterns or signatures of malicious activity.
  - **Firepower Threat Defense**  
A cloud-delivered threat defense solution that provides real-time threat detection and response across multiple threat vectors, including email, web, and file.

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[http://www.cisco.com/c/en/us/td/docs/general/warranty/English/EU1KEN\\_.html](http://www.cisco.com/c/en/us/td/docs/general/warranty/English/EU1KEN_.html)

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## Cisco Field Notice FN-

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Center(FMC) – Adaptive Security Device Manager (ASDM)  
Snort – Network-based intrusion detection system (NIDS)  
Firepower Device Manager (FDM) – Network-based intrusion prevention system (NIPS)

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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-20170419-fpsnort>

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## 翻訳について

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