

Cisco ASA, FTD, and FMC Software Security Advisory Threat Defense (FTD) and Internet Key Exchange Version 2 (IKEv2) Vulnerability



Medium
Cisco ASA, FTD, and FMC Software Security Advisory ID : cisco-sa-asaftd-ikev2-dos-g4cmrr7C
Published : 2021-10-27 16:00
Updated : 2021-10-29 13:51
Version : 1.1 : Final
CVSS Score : 5.3
Workarounds : No workarounds available
Cisco ID : CSCvy93480

[CVE-2021-40125](#)

Summary

Impact

Cisco ASA, FTD, and FMC (ASA, FTD, and FMC) are vulnerable to a Denial of Service (DoS) attack due to a buffer overflow in the IKEv2 implementation. This vulnerability affects Cisco ASA, FTD, and FMC versions 9.8(2) through 9.15(1).

The vulnerability is caused by a buffer overflow in the IKEv2 implementation. An attacker can exploit this vulnerability by sending a specially crafted IKEv2 packet to the affected device, which can result in a Denial of Service (DoS) attack.

For more information, please refer to the Cisco Security Advisory <https://sec.cloudapps.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-asaftd-ikev2-dos-g4cmrr7C>.

Event Response: October 2021 Cisco ASA, FMC, and FTD Software Security Advisory Bundled Publication

References

[Cisco ASA, FMC, and FTD Software Security Advisory Bundled Publication](#)

asa>show run | grep crypto

ASA#show run | grep crypto

FTD#show run | grep crypto

asa>show run | grep crypto

asa>show run | grep crypto

ID #show run | grep crypto

IKEv2, IPSec, VPN – “VPN Setup”

asa>show run | grep crypto

running-config crypto

CLI #show run | grep crypto

- asa>show run | grep crypto
- IKEv2 enable
- IPSec enable
- IKEv2 enable

asa>show run | grep crypto

running-config

crypto map

map abcmap in sequence number 1

10.10.4.108

abcmap

```
<#root>
```

```
firewall#
```

```
show running-config crypto
```

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.  
. .
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```
crypto ikev2 enable
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outside
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. .
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crypto map
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abcmap 1
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set peer
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9.8	9.8.4.40
9.91	ã¼®æfã,ãããfããfãfã¼ã,ã«çš»è;€ã€,
9.101	ã¼®æfã,ãããfããfãfã¼ã,ã«çš»è;€ã€,
9.12	9.12.4.30
9.131	ã¼®æfã,ãããfããfãfã¼ã,ã«çš»è;€ã€,
9.14	9.14.3.9
9.15	9.15.1.17
9.16	9.16.2

1. Cisco ASA a,½ãfãfã,ã,šã,çãfããfãfã¼ã,ã 9.7 ä»¥ã%¹ã€ããšã,ã³ 9.9ã€9.10ã€9.13

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6.3.0¹	ã¼®æfã,ãããfããfãfã¼ã,ã«çš»è;€ã€,
6.4.0	6.4.0.13 (Nov 2021)
6.5.01	ã¼®æfã,ãããfããfãfã¼ã,ã«çš»è;€ã€,
6.6.0	6.6.5
6.7.0	6.7.0.3i¼²022 á¹ 1 æ€i¼%
7.0.0	7.0.1

1. Cisco FMC aãšã,ã³ FTD a,½ãfãfã,ã,šã,çãfããfãfã¼ã,ã 6.2.2 ä»¥ã%¹ããšã,ã³

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FTD [Cisco Firepower Management Center](#)

[Cisco Security Advisory: Cisco Firepower Management Center](#)

Product Security Incident Response Team (PSIRT); [Cisco Security Advisory: Cisco Firepower Management Center](#)

[Cisco Security Advisory: Cisco Firepower Management Center](#)

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Cisco PSIRT

[Cisco Security Advisory: Cisco Firepower Management Center](#)

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[Cisco Security Advisory: Cisco Firepower Management Center](#)

URL

<https://sec.cloudapps.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-asaftd-ikev2-dos-g4cmrr7C>

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翻訳について

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