

# Cisco IOS 15.6(3) Common Industrial Protocol Denial of Service



Cisco-SA-20170927-cip

[CVE-2017-12234](#)

Published: 2017-09-27 16:00

[CVE-2017-](#)

Updated: 2022-12-16 21:17

[12233](#)

Final

CVSS Score: [8.6](#)

Workarounds: No workarounds available

Cisco IDs: [CSCvc43709](#) [CSCuz95334](#)

**DoS vulnerability in Cisco IOS 15.6(3) Common Industrial Protocol**

## Summary

Cisco IOS 15.6(3) Common Industrial Protocol

Denial of Service (DoS) vulnerability in Cisco IOS 15.6(3) Common Industrial Protocol (CIP) when configured with the following command:

```
ip ip-sec profile ip-sec-profile-name
```

This vulnerability is caused by a buffer overflow in the CIP parser. An attacker can exploit this vulnerability by sending a specially crafted packet to the device.

The vulnerability is present in Cisco IOS 15.6(3) Common Industrial Protocol (CIP) when configured with the following command:

```
ip ip-sec profile ip-sec-profile-name
```

For more information, see the [Cisco Security Advisory](#).

<https://sec.cloudapps.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-20170927-cip>

Cisco IOS 15.6(3) Common Industrial Protocol (CIP) Denial of Service (DoS) vulnerability in Cisco IOS 15.6(3) Common Industrial Protocol (CIP) when configured with the following command:

```
ip ip-sec profile ip-sec-profile-name
```

Response: September 2017 Semiannual Cisco IOS and IOS XE Software Security Advisory



# Cisco IOS

```
Router# show version
Cisco IOS Software (C2951-UNIVERSALK9-M), Version 15.5(2)T1, RELEASE SOFTWARE (fc1)
Technical Support: http://www.cisco.com/techsupport
Copyright (c) 1986-2015 by Cisco Systems, Inc.
Compiled Mon 22-Jun-15 09:32 by prod_rel_team
```

```
Router# show version
Cisco IOS Software (C2951-UNIVERSALK9-M), Version 15.5(2)T1, RELEASE SOFTWARE (fc1)
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Copyright (c) 1986-2015 by Cisco Systems, Inc.
Compiled Mon 22-Jun-15 09:32 by prod_rel_team
```

<#root>

Router>

show version

```
Cisco IOS Software, C2951 Software (C2951-UNIVERSALK9-M), Version 15.5(2)T1, RELEASE SOFTWARE (fc1)
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```

Cisco

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<https://sec.cloudapps.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-20170927-cip>

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## 翻訳について

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