

# Cisco IOS XE Internet Key Exchange Version 1 (IKEv1)



Cisco Security ID : cisco-sa-20160928-ios-ikev1

[CVE-2016-6381](#)

Published : 2016-09-28 16:00

Version : 1.0 : Final

CVSS : 7.1

Workarounds : No workarounds available

Cisco ID : [CSCuy47382](#)

«[Cisco Security ID : cisco-sa-20160928-ios-ikev1](#)»

«[CVE-2016-6381](#)»

Cisco IOS XE Internet Key Exchange (IKEv1) version 1.0 (Final) contains a Denial of Service (DoS) vulnerability. An attacker can exploit this vulnerability to cause a denial of service on the affected device.

The vulnerability is located in the IKEv1 implementation. An attacker can exploit this vulnerability by sending a specially crafted IKEv1 packet to the affected device.

The vulnerability is a Denial of Service (DoS) vulnerability. An attacker can exploit this vulnerability to cause a denial of service on the affected device.

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«[Cisco Security ID : cisco-sa-20160928-ios-ikev1](#)»  
<http://tools.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-20160928-ios-ikev1>

«[CVE-2016-6381](#)»



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<#root>

router#

show running-config | include crypto isakmp fragmentation

crypto isakmp fragmentation

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<#root>

router#

show udp

Proto	Remote	Port	Local	Port	In	Out	Stat	TTY	Output	IF
17	--listen--		192.168.130.21	500	0	0	1001011	0		
17(v6)	--listen--		UNKNOWN	500	0	0	1020011	0		
17	--listen--		192.168.130.21	4500	0	0	1001011	0		
17(v6)	--listen--		UNKNOWN	4500	0	0	1020011	0		

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router#

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<#root>

Router>
show version

Cisco IOS Software, C2951 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
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Software...  
Cisco IOS XE 3.16.1aS  
show version

Router>  
show version  
Cisco IOS XE Software, Version 03.16.01a.S - Extended Support Release  
Cisco IOS Software, ASR1000 Software (PPC\_LINUX\_IOSD-ADVENTERPRISEK9-M), Version 15.5(3)S1a, RELEASE  
Technical Support: http://www.cisco.com/techsupport  
Copyright (c) 1986-2015 by Cisco Systems, Inc.  
Compiled Wed 04-Nov-15 17:40 by mcpre

<#root>

Router>

show version

Cisco IOS XE Software, Version 03.16.01a.S - Extended Support Release  
Cisco IOS Software, ASR1000 Software (PPC\_LINUX\_IOSD-ADVENTERPRISEK9-M), Version 15.5(3)S1a, RELEASE  
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Compiled Wed 04-Nov-15 17:40 by mcpre

Cisco IOS XE 3.16.1aS

show version  
[Cisco IOS XE 3.16.1aS](#)

Router> show version

Cisco IOS XE 3.16.1aS

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<http://www.cisco.com/en/US/docs/general/warranty/English/EU1KEN.html>



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### URL

<http://tools.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-20160928-ios-ikev1>

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## 翻訳について

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