

Cisco IOS XR ³Cisco NX-OS ³IPv6 ³ACL



Product ID : cisco-sa-ipv6- [CVE-2021-1389](#)

Product : acl-CHgdYk8j

Published : 2021-02-03 16:00

Version : 1.0 : Final

CVSS : [5.8](#)

Workarounds : No workarounds available

Cisco ID : [CSCvv45698](#) [CSCvm55638](#)

Summary: A vulnerability in Cisco IOS XR and Cisco NX-OS IPv6 ACLs allows an attacker to bypass the ACL and access the network.

Details

This vulnerability affects Cisco IOS XR and Cisco NX-OS devices running IPv6 ACLs. The vulnerability is located in the IPv6 ACL processing code. An attacker can exploit this vulnerability to bypass the ACL and access the network.

The vulnerability is caused by a buffer overflow in the IPv6 ACL processing code. An attacker can exploit this vulnerability to bypass the ACL and access the network.

For more information, please visit <https://sec.cloudapps.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-ipv6-acl-CHgdYk8j>

Impact

Severity: Medium

The vulnerability allows an attacker to bypass the IPv6 ACL and access the network. This could result in unauthorized access to sensitive information and services.

- Network Convergence System (NCS) 540
- NCS 560
- NCS 5500
- Nexus 3600
- Nexus 9500

ã"ã®è,,t¼±æ€Sã<ã,%ãf†ãfã,ã,1ã,'ä;è-ã™ã,ã«ã-ã€ç@;çtè€...ã-Cisco
NX-

OSã,½ãf•ãf^ã,|ã,Sã,çã®ä¿@æ£æ,^ã¿ãf^ãf^ãf¼ã,1ã,'ã,ããfã,1ãf^ãf¼ãf«ã—ããf†ãfã,ã,1ã«
ACLã«ãfãf¼ãf«extension-header deny-

allã,'é©ç""ã™ã,ã¿...è|ãã€ãã,ã,Šã¾ã™ãã,ãf†ãfã,ã,1ãSè"ã®šã•ã,ãã|ã,,ã,ã
ACLã«extension-header deny-

allãf«ãf¼ãf«ãã€é©ç""ã•ã,ãã,ã¾ã¾ãSã-ãããããã®ãf†ãfã,ã,1ã-è,,t¼±æ€Sãã€ã
NX-

OSã,½ãf•ãf^ã,|ã,Sã,çãf^ãf^ãf¼ã,1ãã€ç"¼ãfãã—ã|ã,,ã,ã'ã^ãSã,,é©ç""ã•ã,ãã¾ã¾ã

Cisco NX-OSãf^ãf^ãf¼ã,19.3(7)ã»¥é™ãã€Cisco Nexus
3600ãf—ãf©ãffãf^ãf^ã,©ãf¼ãfã,1ã,ããffãfããŠã,^ã³Cisco Nexus 9500

Rã,ãf^ãf¼ã,ã,1ã,ããffãfããfã,ãf—ãf©ãffãf^ãf^ã,©ãf¼ãfããã«ã-ãããf«ãf¼ãf«extension-
header {permit-all | deny-

all}ã,'ã½¿ç""ã—ã|ã€æ¿¼¼ãf~ãffãf€ãf¼ã,'ã«ã,ãIPv6ãfã,±ãffãf^ã,ã»fæ£,,ã—ã¾ã™ãã,ã
header deny-

allãã€È"ã®šã•ã,ãã|ã,,ã,ã'ã^ãããããã®ãf†ãfã,ã,1ã-ãããfã,±ãffãf^ã®ã»-ã®ãf^ã,£ãf¼
ACLãf«ãf¼ãf«ã«é-çã¿,ãããããããããããããããã,,1ãããã®æ¿¼¼ãf~ãffãf€ãf¼ã,'æã€ãã

ãf«ãf¼ãf«extension-header permit-
allãã€È"ã®šã•ã,ãã|ã,,ã,ã'ã^ãããããã®ãf†ãfã,ã,1ã«ã-è,,t¼±æ€Sãã€ãã»ãœ"

extension-header {permit-all | deny-all}ã«ããã,,ã|ã-ãããŽCisco Nexus 3600 NX-
OSãf¼ãfã,ãf£ã,1ãf^ãf^ãf¼ãf†ã,£ãf³ã,°è"ã®šã,-ã,ããf%ããã¾ãããããã-ããŽCisco Nexus

9000ã,ãf^ãf¼ã,°NX-
OSãf¼ãfã,ãf£ã,1ãf^ãf^ãf¼ãf†ã,£ãf³ã,°è"ã®šã,-ã,ããf%ããã¾ãããããããã,,ãã,

ACLã®è"ã®šã®è©ç'°ãããã,,ã|ã-ãããŽCisco Nexus 3600 NX-
OSã,»ã,ãf¥ãf^ãf†ã,£ã,¾ãf³ãf^ã,£ã,®ãf¥ãf-ãf¼ã,ãfšãf³ã,-ã,ããf%ããã¾ãããããã-ããŽCisco Nexus

9000ã,ãf^ãf¼ã,°NX-
OSã,»ã,ãf¥ãf^ãf†ã,£ã,¾ãf³ãf^ã,£ã,®ãf¥ãf-ãf¼ã,ãfšãf³ã,-ã,ããf%ããã¾ãããããããã•ã

ã>žé¿ç-

ã"ã®è,,t¼±æ€Sã«ã¾ã¿|ã™ã,ã>žé¿ç-ã-ã,ã,Šã¾ãã,ã,"ãã,

ä¿®æ£æ,^ã¿ã,½ãf•ãf^ã,|ã,Sã,ç

ã,½ãf•ãf^ã,ã,Šã,çã®ã,çãffãf—ã,°ãf-ãf¼ãf¼ãf,ã,æœœè"Žã,«éšãã«ã-ããã,ã,ã,ã.1ã.3
ã,»ã,ãf¥ãf^ãf†ã,£ã,çãf%ããã¾ãããããã,ãã,¶ãfã

ãfšãf¼ã,ããSã...¥æ%ããããã,ã,ã,1ã,¾è£½ã"ãã®ã,çãf%ãããfã,ã,ã,¶ãfã,ã'ã®šãœã¿çš,,ã«ã,ç

ã, 'ã½çç"ã—ã!æ¬ã@æ-¹æ³·ãšã,çãf%ãfã,ã,¶ã,¶ãfã,'æœç'çãšãã¾ã™ã€,

- ã,½ãf•ãf^ã,lã,šã,çã€ãf—ãf©ãffãf^ãf•ã,©ãf¼ãfã€ãšã,^ã³ 1
ã»ã»¥ã,šã@ãfããfã¼ã,¹ã,'é,æšã™ã,ç
- ç%ã¹ã@šã@ãfããfã¼ã,¹ã@ãfã,¹ãf^ã,¹ã«ã,€ .txt
ãfã,jã,ããf«ã,'ã,çãffãf—ãfãf¼ãf%ã™ã,ç
- show version ã,³ãfžãf³ãf%ã@ã#°ãš>ã,'ã...¥ãšã™ã,ç

æœç'çã,'é—ãš<ã—ãYã¾ã€ãšã€ã™ã¹ã!ã@ã,ã,¹ã,³ã,»ã,ãfãfããftã,£
ã,çãf%ãfã,ã,¶ã,¶ãfã¾ãYã- 1

ã»ã»¥ã,šã@ç%ã¹ã@šã@ã,çãf%ãfã,ã,¶ã,¶ãfã¾ã€ã«ã¾ã,ã,^ãtã«æœç'çã,'ã,«ã,¹ã,

ã¾ãYã€æ¬ã@ãfã,©ãf¼ãfã,'ã½çç"ã—ã!ã€Cisco NX-OS

ã,½ãf•ãf^ã,¹ã,šã,çã"ãf—ãf©ãffãf^ãf•ã,©ãf¼ãfã,'é,æšã€ãšã,^ã³ãfããfã¼ã,¹ã,'ã...¥ãšã™ã

Nexus 3000 ã,ãfããf¼ã,°ã,¹ã,¶ãffãfã@ã® 7.0(3)I7(5)ã€ACIãfçãf¼ãf%ã@ Cisco NX-OS

ã,½ãf•ãf^ã,¹ã,šã,çã@ 14.0(1h)ï¼%ã€ã,ã,¹ã,³ã,»ã,ãfããfããftã,£

ã,çãf%ãfã,ã,¶ã,¶ãfã¾ã@ã-¾è±ãjã"ãã,ããããfã¼ã,¹ãšã,ã,ãã,¹ãæ-ã™ã,ã"ã

Cisco NX-OS ã,½ãf•ãf^ã,lã,šã,ç
MDS 9000 ã,ãfããf¼ã,°ãfžãf«ãfãf-ã,ããfã,¹ã,ããffãf

Enter Version	Check
---------------	-------

ãfããfã,©ãf«ãf^ãšã-ã€Cisco Software Checkerã@çμæžœã«ã-ã€Security Impact
Ratingi¼^SIRi¼%ã€ã€ã€±ããšã€ã¾ãYã-ã€ã€~ã€ã@è,,tã¼±æ€šãã'ã'ã€ã€

SIR è,,tã¼±æ€šã@çμæžœã,'ã«ã,ã«ã-ã€Cisco Software Checker

ã,'ã½çç"ã—ã!ã€æœç'çã,'ã,«ã,¹ã,çãfžã,ã,°ã™ã,ã"ããã«

[ã½±éYã@è©ã¾i¼^Impact Ratingi¼%]ãfããfãfãf—ãf€ã,lãf³ãfã,¹ãf^ã@

[ã,é-"i¼^Mediumi¼%]ãfã,šãffã,ãfœãffã,ã,¹ã,'ã,ããf³ã«ã—ã¾ã™ã€,

ã,æfã^©ç"ã°ã¾ã"ã...ã¼ç™°èj"

Cisco Product Security Incident Response

Teami¼^PSIRTi¼%ã-ã€æœ-ã,çãf%ãfã,ã,¶ã,¶ãfã¾ã«è~è¼%ã•ã,ã€ã|ã,,ã,è,,tã¼±æ€šãã

ã#°ã...

ã"ã@è,,tã¼±æ€šã- Cisco TAC

ã,μãfããf¼ãf^ã,±ãf¼ã,¹ã@èš£æ±°ã,ã«ç™°è|ãã,ã,ã¾ã-ãYã€,

URL

<https://sec.cloudapps.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-ipv6-acl-CHgdYk8j>

翻訳について

シスコは世界中のユーザにそれぞれの言語でサポート コンテンツを提供するために、機械と人による翻訳を組み合わせて、本ドキュメントを翻訳しています。ただし、最高度の機械翻訳であっても、専門家による翻訳のような正確性は確保されません。シスコは、これら翻訳の正確性について法的責任を負いません。原典である英語版（リンクからアクセス可能）もあわせて参照することを推奨します。