

Cisco NX-OS $\frac{1}{2}$ RADIUS TACACS+ RADIUS

Remote authentication bypass vulnerability in Cisco NX-OS TACACS+ and RADIUS servers



High
CVE ID : [cisco-sa-nxos-CVE-2023-20168](#)
remoteauth-dos-XB6pv74m

Published : 2023-08-23 16:00

Version : 1.0 : Final

CVSS : [7.1](#)

Workarounds : No workarounds available

Cisco ID : [CSCwe72673](#) [CSCwe72674](#)

[CSCwe72670](#) [CSCwe72648](#) [CSCwe72368](#)

Remote authentication bypass vulnerability in Cisco NX-OS TACACS+ and RADIUS servers

Cisco NX-

OS $\frac{1}{2}$ RADIUS TACACS+ RADIUS

Remote authentication bypass vulnerability in Cisco NX-OS TACACS+ and RADIUS servers

request directed

request directed

request directed

request directed

<https://sec.cloudapps.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-nxos-remoteauth-dos-XB6pv74m>

request directed

request directed

request directed

[Event Response: August 2023 Semiannual Cisco FXOS and NX-OS Software Security Advisory Bundled Publication](#)

request directed

request directed

ã"ã@è,,†å¼±æ€šã@å½±éÿ;ã,ã—ã'ã,ã@ã-ã€Cisco NX-OS
ã,½ãfãf^ã,|ã,šã,çã@è,,†å¼±æ€šã@ã,ã,ãfãfãf¼ã,¹ã,ã@ÿè;€ã—ã|ãšã,šã€TACACS

- MDS 9000 ã,ãfãf¼ã,°ãfžãf«ãfãf-ã,ãfã ã,¹ã,ããffãf¼^CSCwe72670i¼%o
- VMware vSphere å'ã' Nexus 1000 Virtual Edgei¼^CSCwe72673i¼%o
- Microsoft Hyper-V å'ã' Nexus 1000V ã,¹ã,ããffãf¼^CSCwe72673i¼%o
- VMware vSphere å'ã' Nexus 1000V ã,¹ã,ããffãf¼^CSCwe72673i¼%o
- Nexus 3000 ã,ãfãf¼ã,°ã,¹ã,ããffãf¼^CSCwe72648i¼%o
- Nexus 5500 ãf—ãf@ãffãf^ãfã,©ãf¼ãfã,¹ã,ããffãf¼^CSCwe72674i¼%o
- Nexus 5600 ãf—ãf@ãffãf^ãfã,©ãf¼ãfã,¹ã,ããffãf¼^CSCwe72674i¼%o
- Nexus 6000 ã,ãfãf¼ã,°ã,¹ã,ããffãf¼^CSCwe72674i¼%o
- Nexus 7000 ã,ãfãf¼ã,°ã,¹ã,ããffãf¼^CSCwe72368i¼%o
- ã,¹ã,çãf³ãf%ã,çãfãf³ NX-OS ãfçãf¼ãf%ã@ Nexus 9000 ã,ãfãf¼ã,°ã,¹ã,ããffãf¼^CSCwe72648i¼%o

æ³i¼šã"ã@è,,†å¼±æ€šã-ã€ãfãfã,©ãf«ãf^ãšç,,jãš¹ã«ãªã€ã|ã,,ã,<
Telnetã€ã¼ãÿã-ã,³ãf³ã,½ãf¼ãf«ç@çç†æÿç¶šã,ã»ã—ã|ã@ãçã,ã,ã,ã,¹ãf—ãfã,ã
SSH æÿç¶šã,ã»ã—ã|ã,ã,ã,ã,¹ãf—ãfã,ãf^ãšçãã¼ã»ã,ã€,

è,,†å¼±æ€šã€ã~ãce"ã™ã,< Cisco
ã,½ãfãf^ã,|ã,šã,çãfãfãf¼ã,¹ã«ãã,,ã|ã-ã€ã"ã@ã,çãf%ããfã,ã,¶ã,¶ãfã@ã€ã€ã

è,,†å¼±ãªè"ã@šã@çç°èª

ãf€ã,ããf-ã,ãf^èã±,ã,ããf-ã,ãfšãf³ã€TACACS+ã¼ãÿã- RADIUS
ã«è"ã@šãã,€ã|ã,,ã,ã<ã©ã†ãã,çç°èªã™ã,ã«ã-ã€show
running-config | includedirected-request
ã,³ãfžãf³ãf%ã,ã½ç"ã—ã¼ã™ã€,ã,³ãfžãf³ãf%ã@ã†°ãšãš tacacs-serverdirected-
requestã¼ãÿã- radius-serverdirected-request
ã€èç"ãªã,€ã,ã'ã^ã€ãfãfãã,ã,¹ã-ã"ã@è,,†å¼±æ€šã@å½±éÿ;ã,ã—ã'ã,ãã
running-config TACACS+
ç"ã«ãf€ã,ããf-ã,ãf^è|ã±,ã,ããf-ã,ãfšãf³ã€è"ã@šãã,€ã|ã,,ã,ããfãfãã,ã,¹ã
include directed-requestã,³ãfžãf³ãf%ã,ã@ÿè;€ã—ã¼ã™ã€,

<#root>

nxos#

show running-config | include directed-request

tacacs-server directed-request

[Cisco Nexus 9000 Series NX-OS Security Configuration Guide](#) [Configuring TACACS+](#)

[Cisco Nexus 9000 Series NX-OS Security Configuration Guide](#) [Configuring RADIUS](#)

... Cisco Nexus 9000 Series NX-OS Security Configuration Guide

Configuring TACACS+ and RADIUS

... Cisco Nexus 9000 Series NX-OS Security Configuration Guide

... Cisco Nexus 9000 Series NX-OS Security Configuration Guide

... Cisco Nexus 9000 Series NX-OS Security Configuration Guide

<https://www.cisco.com/c/en/us/products/end-user-license-agreement.html>

... Cisco Nexus 9000 Series NX-OS Security Configuration Guide

... Cisco Nexus 9000 Series NX-OS Security Configuration Guide

... Cisco Nexus 9000 Series NX-OS Security Configuration Guide

... Cisco Nexus 9000 Series NX-OS Security Configuration Guide

... Cisco Nexus 9000 Series NX-OS Security Configuration Guide

... Cisco Nexus 9000 Series NX-OS Security Configuration Guide

Cisco.com [Configuring TACACS+ &](#)

[Configuring RADIUS](#), ... Cisco Nexus 9000 Series NX-OS Security Configuration Guide

Devices]

... Cisco Nexus 9000 Series NX-OS Security Configuration Guide

[Configuring TACACS+ &](#) ... Cisco Nexus 9000 Series NX-OS Security Configuration Guide

... Cisco Nexus 9000 Series NX-OS Security Configuration Guide

... Cisco Nexus 9000 Series NX-OS Security Configuration Guide

... Cisco Nexus 9000 Series NX-OS Security Configuration Guide

... Cisco Nexus 9000 Series NX-OS Security Configuration Guide

Technical Assistance

Center] TAC] ... Cisco Nexus 9000 Series NX-OS Security Configuration Guide

... Cisco Nexus 9000 Series NX-OS Security Configuration Guide

... Cisco Nexus 9000 Series NX-OS Security Configuration Guide

[cisco-worldwide-](#)

[contacts.html">contacts.html](#) ... Cisco Nexus 9000 Series NX-OS Security Configuration Guide

ç,,;â,,ÿã,çãffãf—ã,°ãf—ãf¼ãf%ã®ã³è±;èf½ã”ãSã,ã,ã”ã”ã,è”¼æ~žã—ã|ã,,ãÿã
URL ã,ã”ç”æ,,ãããããããã,,ã€,

Cisco NX-OS ã,½ãf•ãf^ã,ã,šã,ç

ãŠã@çæš~ãE Cisco NX-OS IOS

ã,½ãf•ãf^ã,ã,šã,çã®è,,tä¼±æ€šã«ã,^ã,ã¾¼µã®³ã®ãèf½æ€šã,ã^æ—ãšããã,ã,^ãtä

Cisco Software Checker

ã,æã¾ãã—ã|ã,,ã¾ã™ã€ã,ã”ã®ãf,,ãf¼ãf«ã,ã½çãtä”ã”ãšã€ç%°ã®šã®
ã,»ã,ãfãfãfãfã,£

ã,çãf%ãfã,ã,ã,ãfã,ãæœç’çãšããããã,çããžã,çã®ã,çãf%ãfã,ã,ã,ãfãšè”€ã
Fixedã€è¼%ã,ç%°ã®šãšãã¾ã™ã€,ã¾ãÿã€è²ã½”ã™ã,ãã^ã«ã—ã€Soft
Checker

ã«ã,^ã,šã^æãã,ã,çããÿã™ã¹ã|ã®ã,çãf%ãfã,ã,ã,ãfãã«è”~¼%ã®ã™ã¹ã
First Fixedã€è¼%ã,ç%°ã®šãšãã¾ã™ã€,

ã”ã®ãf,,ãf¼ãf«ã,ã½ç”ã™ã,ãã«ã—ã€ã€Cisco Software

[Checkerã€ãšãf¼ã,ã®æ%œétä«¾ã¾ã™ã€,ã¾ãÿãÿã—ã€æ¬ã®ãfã,çãf¼ãfã](#)

- ãf,,ãf¼ãf«ãšæœç’çã™ã,ã,çãf%ãfã,ã,ã,ãfã,ãé,æšžã—ã¾ã™ã€,ã”ã®ã,çãf%
- è²ã½”ã™ã,ã,½ãf•ãf^ã,ã,šã,çã,ãé,æšžã—ã¾ã™ã€,
- è²ã½”ã™ã,ãf—ãfçãfãfãfã,çãf¼ãfã,ãé,æšžã—ã¾ã™ã€,
- ãfãfãf¼ã,¹ç•ãã,ã...ãšã—ã¾ã™ã€,ãÿã”ã^ã°ã€Cisco Nexus 3000
ã,ãfãf¼ã,°ã,ã,ãfãfãfã®ãã^ã— 7.0(3)I7(5)ã€ACIãfçãf¼ãf%ã®Cisco NX-
OS ã,½ãf•ãf^ã,ã,šã,çã®ãã^ã— 14.0(1h)ãšã™ã€,
- [ãfãšãfã,¼^Check¼%]ã,ã,ãfãfãfã,ã—ã¾ã™ã€,

2	Critical,High,Medium
ã”ã®ã,çãf%ãfã,ã,ã,ãfã®ãç	
Cisco NX-OS ã,½ãf•ãf^ã,ã,šã,ç	
ã,ã,%ã,tã,ãf—ãfçãfãfãfã,çãf¼ãf	
Enter Version	Check

Cisco Nexus 3000 ãšã,^ã³ 9000 ã,ãfãf¼ã,°ã,ã,ãfãfã SMU

ã,ã,ã,ã¾ã—ã”ã®è,,tä¼±æ€šã«ã¾ãš|ã™ã,ã¬ã® SMU
ã,,ãfãfãf¼ã,ã—ã|ã,,ã¾ã™ã€,ã¬ã® SMU ã, Cisco.com ã® [Software Center](#)

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。