

Cisco IOS XE

ã,½ãf•ãf^ã,|ã,§ã,çã @çμ±ã ^è,,...ã¨ é~²ã³¼;ã



ã,çãf%ãfã,ã,¶ã,¶ãfããf¼ID : cisco-sa-20190925-utd

[CVE-2019-12657](#)

â^ã...-é- \llcorner æ—¥ : 2019-09-25 16:00

ãfããf¼ã,ãfšãf³ 1.0 : Final

CVSSã,¹ã,³ã,ç : [8.6](#)

ã>žéçç- : No workarounds available

Cisco ãfã,° ID : [CSCvn29244](#)

æ—¥æè-èãžã «ã,^ã,æf...ã ±ã-ã€è<±èãžã «ã,^ã,ãžÿæ-#ã @éçã...-ã¼ã

æ!,è!

Cisco IOS XE

ã,½ãf•ãf^ã,|ã,§ã,çã @çμ±ã ^è,,...ã¨ é~²ã³¼;ã¼^UTDï¼%ãšè,,†ã¼±æ€šã Ççç°èãã,Çã¾ã

ã"ã @è,,†ã¼±æ€šã-ã€UTD æ©ÿèf½ã «ã,^ã,ç IPv6

ãfã,±ãffãf^ã @ã,éçç©ã†ããææœè¨¼ã «èμ·ã>ã-ã¾ã™ã€,UTD

ãÇè¨ãšãã,Çã |ã,,ã,æ¨™çš,,ãfããfã,ã,¹ã,'é€šã-ã | IPv6

ãf^ãfçãfã,£ãffã,ã,'é€çãç;ãã™ã,ã"ã"ããšã€ã,,ã,ã,ãf-ãfã,ããf^ãã,Çã,ã<èf½æ€šã

ã,ã,¹ã,³ããã @è,,†ã¼±æ€šã «ã¾ã†|ã™ã,ã,½ãf•ãf^ã,|ã,§ã,çã,çãffãf-ãfãf¼ãf^ã,'ãfããfãf¼ã

ã"ã @ã,çãf%ãfã,ã,¶ã,¶ãfãã-ã€æ-;ã @ãfããfã,ã,ã,ã,šçç°èããšã¾ã™ã€,

<https://tools.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-20190925-utd>

ã"ã @ã,çãf%ãfã,ã,¶ã,¶ãfãã-ã€2019 ã¹ 9 æœ^ 25 æ—¥ã «ã...-é-ãã,Çãÿ Cisco

IOS ãšã,^ã³ IOS XE ã,½ãf•ãf^ã,|ã,§ã,çãããããf¼ã,¹ã @ã,»ã,ãfããããfã,£

ã,çãf%ãfã,ã,¶ã,¶ãfãã-ã€ã @ã,éçç"ãšãã™ã€,ã"ã @è³æ-ã™ã «ã-ã€13

ã»¶ã @è,,†ã¼±æ€šã «é-çã™ã,ç 12 ã»¶ã @ã,ã,¹ã,³ã,»ã,ãfããããfã,£

ã,çãf%ãfã,ã,¶ã,¶ãfãã-ã€è¨¼ãã,Çã |ã,,ã¾ã™ã€,ã"ã,Çã,%ã @ã,çãf%ãfã,ã,¶ã,¶ã,¶ã,¶ã,¶ã,¶ã

[IOS ãšã,^ã³ IOS XE ã,½ãf•ãf^ã,|ã,§ã,çã «é-çã™ã,ã,»ã,ãfããããfã,£](#)

[ã,çãf%ãfã,ã,¶ã,¶ãfãã...-é-è³æ-™ï¼ãšã¹ãšã€2019 ã¹ 9 æœ¨¼%](#)

è©²ã½"è£½ã"

è,,†ã¼±æ€šã @ãã,ã,è£½ã"

afzãfã, mã, 'ã @ã, mãfã, çãf¼ãfã, šã, mã, 'ã S IPv6 ã, çãf%ããfã-ã, 'ã, 'æCEã UTD
ã CEæoe%ããš'ã «ãªã£ã |ã, ã, šã, šã€ãã¾ã YCisco UTD ã @ Snort IPS
æ©Yèf½ã€ Cisco UTD ã @ URL

ãf™ãf¼ã, 'ã @ãfã, £ãfã, çãfãfã, °æ©Yèf½ã @ã, €æ-1ã¾ã Yã ¯ã, æ-1ã CEæoe%ããš'ã «ã
Cisco IOS XE ã, ½ãfãf^ã, |ã, šã, çã «ã½±ëYçã, 'ã šã¾ã —ã¾ã™ã€,

è, †ã¼±æ€šã CEã~ãoe ¯ã™ã, < Cisco IOS XE ã, ½ãfãf^ã, |ã, šã, çã

ãfãfãf¼ã, 'ã «ãªã£ã |ã, ã, šã, šã€ãã¾ã Yã ¯ã, æ-1ã CEæoe%ããš'ã «ã
ãfãã @ãCEã: @ææ, ^ã çã, ½ãfã

UTD

ã CEæoe%ããš'ã «ãªã£ã |ã, ã, <ã, mãfã, çãf¼ãfã, šã, mã, 'ã @çç°èª

UTD

ã CEæoe%ããš'ã «ãªã£ã |ã, ã, <ã, mãfã, çãf¼ãfã, šã, mã, 'ã, çç°èªã™ã, <ã «ã ¯ã€ç@çç
platform software utd interfaces CLI

ã, ¢ãfžãfãf%ãã, 'ã @Yè;CEã —ã¾ã™ã€, ã, ¢ãfžãfãf%ãã @ã @Yè;CEçµ æžoeã šã ¯ã€UTD
ã CEæoe%ããš'ã «ãªã£ã |ã, ã, <ã, mãfã, çãf¼ãfã, šã, mã, 'ã @ãfã, 'ãfã CEè:ãã, CEã, <ã

UTD

ã «ã, ^ã£ã |ã çãèãã, CEã |ã, ã, <ã, mãfã, çãf¼ãfã, šã, mã, 'ã CEãªã, ãããã CEçªãã
GigabitEthernet1 ã S UTD

ã CEæoe%ããš'ã «ãªã£ã |ã, ã, <ãfãfãã, mã, 'ã @ã†°ãš>ã¾ãšã™ã€,

<#root>

Router#

```
show platform software utd interfaces
```

```
UTD interfaces  
GigabitEthernet1
```

Router#

show platform software utd interfaces

ã, ¢ãfžãfãf%ãã @ã†°ãš>ã šã, ¯ãfçãf¼ã CEè:ãã, CEã Yã 'ã ^ã€ã¾ã Yã ¯ã UTD
ãã «ã, ^ã£ã |ã çãèããã, CEã |ã, ã, <ã, mãfã, çãf¼ãfã, šã, mã, 'ã CEãªã, ãããã CEçªãã

UTD ã¾ãçæã @ã, ã, mãfã, çãf¼ãfã, šã, mã, 'ã «ã¾ã —ã |ã€IPv6

ã CEæoe%ããš'ã «ãªã£ã |ã, ã, <ããããããã, 'ãçç°èªãã™ã, <ãç...è |ãã CEãã, ã, šãã

IPv6 ã CEæoe%ããš'ã <ã ©ããããã @çç°èª

çç@çç†è€...ã ¯ã€CLI ã S show ipv6 interface brief

ã,³ãfžãf³ãf%ã, 'ã½¿ç"ã—ã|ã€IPv6

ã,çãf%ãf-ã,1ã,'ã½¿ç"ã™ã,ã,ããf³ã,¿ãf¼ãf•ã,šã,ãã,1ã,'ç%ã¹ã®šãšããã¼ã™ã
ã€œœ%ãš¹ã«ãªã£ã|ã,,ã,ãf†ãfã,ã,ã,1ãšã,³ãfžãf³ãf%ã,'ã®ÿè:€ã—ãÿã'ã^ã

<#root>

Router#

show ipv6 interface brief

.
.
GigabitEthernet1 [Up/Up]
fe80::212:daff:fe62:c150
2001:DB8::1

ãf†ãfã,ã,1ãšã®ÿè:€ã•ã,€ã|ã,,ã,ã,½ãf•ãf^ã,|ã,šã,çãfãfãf¼ã,1ãš IPv6

ã€œã,µãfãf¼ãf^ã•ã,€ã|ã,,ãªã,ã'ã^ã€ show ipv6 interface brief

ã,³ãfžãf³ãf%ã, 'ã½¿ç"ã™ã,ã,ããf³ã,¿ãf¼ãf•ã,šã,ãã,1ã'ã€ããf¼

ãfjãffã,»ãf¼ã,ã€ç"ÿæ^ã•ã,€ã¼ã™ã€,ãf†ãfã,ã,ã,1ãš IPv6

ã€œœ%ãš¹ã«ãªã£ã|ã,,ãªã,ã'ã^ã€«ã€ show ipv6 interface brief

ã,³ãfžãf³ãf%ã, 'ã½¿ã—ã|ã,,ã€IPv6

ã,çãf%ãf-ã,1ã,'ã½¿ç"ã™ã,ã,ããf³ã,¿ãf¼ãf•ã,šã,ãã,1ã-è:çªã•ã,€ã¼ãã,ã,ãã€

ã¼ã¿œãã,ã,ããf³ã,¿ãf¼ãf•ã,šã,ãã,1ã®ã,,ãšã,€ããš IPv6

ã€œœ%ãš¹ã«ãªã£ã|ã,,ã,ã'ã^ã€ç¿ç¿tè€...ã- UTD æ©ÿèf½i¼^Snort

IPSã¼ãÿã- URL

ãf™ãf¼ã,1ã®ãf•ã,£ãf«ã,¿ãfªãf³ã,°ã®ã,,ãšã,€ã<i¼%ã€œœ%ãš¹ã«ãªã£ã|ã,

Snort IPSã¼ãÿã- URL

ãf™ãf¼ã,1ã®ãf•ã,£ãf«ã,¿ãfªãf³ã,°è"ã®šã€œœ%ãš¹ã«ãªã£ã|ã,

Snort IPSã¼ãÿã- URL

ãf™ãf¼ã,1ã®ãf•ã,£ãf«ã,¿ãfªãf³ã,°æ©ÿèf½ã€ãf†ãfã,ã,ã,1ãšœœ%ãš¹ã«ãªã£ã|ã,

utd engine standard status CLIã,³ãfžãf³ãf%ã,'ã®ÿè:€ã—ã¼ã™ã€,

UTD ID/IPSã- URL

ãf•ã,£ãf«ã,¿ãfªãf³ã,°ã€ãã,,ãã«ç,,jãš¹ãšãã,ã,ãã"è¿"ã•ã,€ã,ã'ã^ã€ã¼ãÿã-ã†

IPSã,, URL

ãf™ãf¼ã,1ã®ãf•ã,£ãf«ã,¿ãfªãf³ã,°æ©ÿèf½ã€ç,,jãš¹ã®ãf†ãfã,ã,ã,1ãšãã,ã,ããÿã,ãããã

ã€ãf†ãfã,ã,ã,1ãšç"¼ããfãã,ã®ã,½ãf•ãf^ã,|ã,šã,ç

ãfãfãf¼ã,1ã«ã,ãã£ã|ã,µãfãf¼ãf^ã•ã,€ãªã,,ã'ã^ã€show utd engine

standard statusã,³ãfžãf³ãf%ã,'ã®ÿè:€ã™ã,ãã"ã,,ããf¼

afjãfã,»ãf¼ã,ã€è:"ã•ã,CEã€ãããã®ãfãfã,ã,¹ã-ã"ã®ã,çãf%ããfã,ã,¶ã,¶ã

æ¬¼ã®ã¼ã«çãã™ã,^ã†ãªã®ÿè;CEçµæžœã€è:"ã•ã,CEã,ã'ã^ã€Snort
IPS æ©ÿèf½ã URL

ãf™ãf¼ã,¹ã®ãfã,£ãf«ã,¿ãfªãf³ã,°æ©ÿèf½ã®ã,€æ-¹ã¼ãÿã-ä,jæ-¹ã€è"ã®šã•ã,CEã

<#root>

Router-IOSXE#

show utd engine standard status

Engine version : 1.0.11_SV2983_XE_16_3

Profile : URLF-Low

System memory :

Usage : 8.90 %

Status : Green

Number of engines : 1

Engine	Running	CFT flows	Health	Reason
Engine(#1):	Yes	0	Green	None

Overall system status: Green

è,†ã¼±æ€šã,'ã«ã,"ãšã,,ãªã,,ã"ã"ãçç°èªã•ã,CEãÿèf½ã

ãã®ã,çãf%ããfã,ã,¶ã,¶ãã®è.,†ã¼±æ€šã®ã,ã,«èf½ã"ã,»ã,ã.ãfšãf³ã«è"~è¼%ããã

ã,ã,¹ã,³ã-ããã"ã®è,,†ã¼±æ€šãCE Cisco IOS ã,½ãf•ãf^ã,|ã,šã,çã€Cisco IOS XR

ã,½ãf•ãf^ã,|ã,šã,çã€ããšã,^ã³ Cisco NX-OS

ã,½ãf•ãf^ã,|ã,šã,çã«ã-ã½±éÿã,ä,žã^ãªã,,ã"ã"ã,çç°èªã-ã¼ã-ãÿã€,

ã»žéç-

ã"ã®è,,†ã¼±æ€šã«ã¼ã†|ã™ã,ã»žéç-ããã,ã,šã¼ã»ã,"ã€,

ä;®æ£æ,^ãçã,½ãf•ãf^ã,|ã,šã,ç

ã,ã,¹ã,³ã-ããã®ã,çãf%ããfã,ã,¶ã,¶ããã«è"~è¼%ããã,CEãÿè,,†ã¼±æ€šã«ã¼ã†|ã™ã,ç,;

ãfãf¼ã,ãfšãf³ã"ãfã,£ãf¼ãfãf£

ã,»ãffãf^ã«ã¼ã-ã|ã®ãçããªã,šã¼ã™ã€,ããã®ã,^ã†ãªã,½ãf•ãf^ã,|ã,šã,

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

ã¼ãÿã€ãšã®çæšããCEã,½ãf•ãf^ã,|ã,šã,çã,'ãfã,|ãf³ãfãf¼ãf%ããšããã,ãã®ã-ã€ã,

• show version
•
•

IOS Software Checker
IOS
XE

Cisco IOS
(
[Impact Rating]
[Medium]

Cisco IOS XE
Cisco IOS XE 2 Release
Cisco IOS XE 3S Release Notes
Cisco IOS XE 3SG
Release Notes

ä, æfå^©ç" ä°ä¼ã ä...-å¼ç™èi

Cisco Product Security Incident Response
Team
å†å...

Cisco TAC
å,µåfå¼åfå,±åfå,¹å®è£æ±åç™è|åå,åå¼å¼—åÿå,

URL

<https://tools.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-20190925-utd>

æ''è'',å±¥æ'

ãfãf¼ã,ãfšãf³	èª-æž	ã,»ã,ã,ãfšãf³	ã,¹ãfãf¼ã,¿ã,¹	æ-¥ã»~
1.0	å^åžã...-é-ãfªãfªãf¼ã,¹	-	æœ-€çç%oo^	2019 å¹´ 9 æœ^ 25 æ-¥

å^©ç'''è!ç',,

æœ-ã,çãf%ooãfã,ã,ã,ãfªãf³ç,,jã¿è"¼ã@ã,,ã@ã"ã-ã|ã"æãã¼ãã-ã|ãŠã,Šã€
æœ-ã,çãf%ooãfã,ã,ã,ãfªãf³@æf...å±ãŠã,^ã³ãfªãf³ã,ã@ã½¿ç'''ã«é-çã™ã,«è²-ã»ã@ã,€
ã¼ãYã€ã,ã,ã,ã³ã-æœ-ãf%ooã,ãfªãf;ãf³ãf^ã@ãt...ã¹ã,'ã°ã'Sãªã-ã«ã¼%ooæ'ã-ã
æœ-ã,çãf%ooãfã,ã,ã,ãfªãf³@è"~è¿ãt...ã¹ã«é-çã-ã|æf...å±é...ã¿jã@ URL
ã,çœç•¥ã-ã€ã~ç<-ã@è»çè¼%ooã,,,æ,,è"³ã,'æ-½ã-ãYã'ã^ã€ã½"ç¼ããCEç@¿ç
ã"ã@ãf%ooã,ãfªãf;ãf³ãf^ã@æf...å±ã-ã€ã,ã,ã,ã³è£½ã"ã@ã,"ã³ãf%ooãf,ãf¼ã,ã,ã¼è±j

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。