

Cisco E ãf;ãf¼ãf« ã,»ã,ãf¥ãfªãf†ã,£

ã,çãf—ãf©ã,ªã,çãf³ã,¹ã® URL

ãf•ã,£ãf«ã,¿ãfªãf³ã,°ã«ã,^ã,«ã,µãf¼ãf”ã,¹ã | ..



ã,çãf%ãfã,ªã,¶ãfªãf¼ID : cisco-sa-20190109-esa-url-dos

[CVE-2018-15460](#)

â^â...-é-«æ—¥ : 2019-01-09 16:00

æœ€œ>æ-°æ—¥ : 2019-03-13 14:25

ãfãf¼ã,ãf³ãf³ 1.1 : Final

CVSSã,¹ã,³ã,ç : 8.6

ã>žéç- : Yes

Cisco ãfã,° ID : [CSCvm81627](#)

æ—¥æœ-èªã«ã,^ã,«æf...ã ±ã-ã€è«èªã«ã,^ã,«ãŽÿæ-†ã®éçã...-ã¼ã

æ!,è!?

Cisco Eãf;ãf¼ãf« ã,»ã,ãf¥ãfªãf†ã,£ ã,çãf—ãf©ã,ªã,çãf³ã,¹ã^ESAi¼%œç” Cisco AsyncOS

ã®é»ããfãf¼ãf«ãfãffã,»ãf¼ã,

ãf•ã,£ãf«ã,¿ãfªãf³ã,°æ©ÿèf½ã®è,,tã¼±æ€Sã«ã,^ã,Šã€èªè”¼ã•ã,CEã|ã,,ãªã,,ãfªãfçã

CPU ä½ç”çŽã, 100%

ã«ã,Šæ~†ã•ã>ã€ã½±éÿã,ã—ã'ã,«ãfãfã,ªã,¹ãSã,µãf¼ãf”ã,¹ã | ..ã®³i¼^DoSi¼%œçŠ¶æ.

ã”ã®è,,tã¼±æ€Sã-ã€ãf:ãfã,ªãf^ãfªã,¹ãf^ã«ç™»éCE²ã•ã,CEãÿURL

ã,ã®ãç...Sã,ã«ã,é»ããfãf¼ãf«

ãfãffã,»ãf¼ã,ã®ã,é©ã^†ãªãf•ã,£ãf«ã,¿ãfªãf³ã,°ã«èµ:ãã—ã¾ã™ã€æ”æ'fè€...ã-

URL ã,ã«ã,æª,,ã®ãã,ã,«é»ããfãf¼ãf«

ãfãffã,»ãf¼ã,ã,é€ç:ã™ã,ã«ã”ãSã€ã”ã®è,,tã¼±æ€Sã,ã,æfã^ç”ãSããã,ã,ã

DoS çŠ¶æ...ã,ç™œç”ã•ã>ã€ã½±éÿã,ã—ã'ã,«ãfãfã,ªã,¹ã«é»ããfãf¼ãf«

ãfãffã,»ãf¼ã,ã®ã,¹ã,ãfªãf³ã”è»çé€ã,ãœæçã•ã>ã,ã-èf½æ€SãCEã,ã,Šã¾ã™ã€

ã,ã,¹ã,³ã-ã”ã®è,,tã¼±æ€Sã«ã¾ã†|ã™ã,ã,½ãfãfã,ã,ãSã,çã,çãffãf—ãfãf¼ãf^ã,ãfªãfªf

ã”ã®ã,çãf%ãfã,ªã,¶ãfªã-ã€æ-ã®ãfªãf³ã,ã,^ã,ŠççèªãSãã¾ã™ã€

<https://sec.cloudapps.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-20190109-esa-url-dos>

è©²ã½“è£½ã”



è,,†å¼±æ€§šã®ã,ã,«è½å”

ã,°ãfãf¼ãfãf«è”åšã”ã—ã|ã® URL

ãfã,£ãf«ã,¿ãfãf³ã,°æ©ÿèf½ãCEæœ%ãš¹ã«ãªã£ã|ãšã,šã€URL

ãfãfã,ããfãfã,¹ãfãCEã½¿ç”ãã,CEã|ã,,ã,«å´ã^ã€ãã”ã®è,,†å¼±æ€§šãã€

ESA ç”ã® Cisco AsyncOS

ã,½ãfãfã,|ã,šã,çã®ã^ã&ãžã¿æ£ããfãfãf¼ã,¹ã,^ã,šã%ãã®ãã™ã¹ã|ã®ã,½ãfã

ãfãf¼ã,ãfšãf³ã«å½±éÿã—ã¼ã™ã€ãfãfã,©ãf«ãf^ãšãã€ã,°ãfãf¼ãfãf«è”

URLãfã,£ãf«ã,¿ãfãf³ã,°æ©ÿèf½ãç,,jãš¹ã«ãªã£ã|ã,,ã¼ã™ã€,

è,,†å¼±æ€§šã®ã,ã,« Cisco AsyncOSã,½ãfãfã,|ã,šã,çãfãfãf¼ã,¹ãCE ESA

ãšã®ÿè;CEãã,CEã|ã,,ã,ããã©ã†ããã€ç®;çtè...ãCE ESA CLIãš

version

ã,³ãfžãf³ãf%ã,³ã½¿ç”ã™ã,ãã”ã”ãšçç°èããšããã¼ã™ã€ãfãfã,ãã,¹ãCE

Cisco AsyncOSã,½ãfãfã,|ã,šã,çãfãfãf¼ã,¹ 10.0.1-087

ã,å®ÿè;CEã—ã|ã,,ã,«å´ã^ã€ESA

ãã®ã,³ãfžãf³ãf%ãã®ã†ãšã¼ããæ¬ãã®ã,^ãã†ã«ãªã,šã¼ã™ã€,

<#root>

ciscoesa>

version

Current Version

=====

Product: Cisco C100V Email Security Virtual Appliance

Model: C100V

Version:

10.0.1-087

:
:
:

Cisco ESAãš URLãfã,£ãf«ã,¿ãfãf³ã,°ãCEè”åšãã,CEã|ãšã,šã€URL

ãfãfã,ããfãfã,¹ãfãCEã½¿ç”ãã,CEã|ã,,ã,ããã©ã†ããã€çç°èãã™ã,ãã«ãã€

> [ã,»ã,ãfãfãfãfã,£ã,µãf¼ãfã,¹¼^Security Servicesi¼%ã] > [URL

ãfã,£ãf«ã,¿ãfãf³ã,°¼^URL Filteringi¼%ã]

ã«çš»ãã—ã¼ã™ã€,è,,†å¼±æ€§šãã®ã,ã,ãfãfãã,ãã,¹ãšãã€URL

Category and Reputation Filters **Enabled** «è” à@šã•ã,CEã€URL

whitelistã€æ¬ã€@â€â»¥â¬ã€«è” à@šã•ã,CEã€¾ã€™ã€, ã,ã,Šã¾ã»ã,“ã€,

è,†ã¼±æ€šã,’ã«ã,“ãšã,,ãªã,,ã“ã”ã€çç°èªã•ã,CEã€ÿè½ã”

ã“ã€ã,çãf%ãã,ã,ã,¶ãã€è„†ã¼±æ€šã€ã„ã,«è½ã”ã,»ã,ã,ãfšãf³ã«è”è¼%ã•ã

ã,ã,ã,ãªãªã€ã“ã€è„†ã¼±æ€šã€ã»¥ã,ã€è½ã”ãã«ãªãª½±éÿã,ã,Žãªãªªã,,ã

- ã,ãªãªãªãªãªãªã,ã,»ã,ãf¥ãfªãfªã,£ç@jçªã,çãf—ãf©ã,ã,çãf³ã,ãªã€ã»@æf³ãfãf¼ã,ãfšãf³ã”ãfãf¼ãf%ãããfãf¼ã,ãfšãf³
- Webã,»ã,ãf¥ãfªãfªã,£ã,çãf—ãf©ã,ã,çãf³ã,ãªã€ã»@æf³ãfãf¼ã,ãfšãf³ã”ãfãf¼ãf%ãã,ã,ã,çãfãfãf¼ã,ãfšãf³

ã»žéç-

ã“ã€è„†ã¼±æ€šã€ãª¾ãª,ã™ã,«2ãªã€@ã»žéç-ã€ã,ã,Šã¾ã™ã€,

1.ã,°ãfãf¼ãfãf«URLãf•ã,£ãfãã,çãfãf³ã,°ã«ã,ã,ãfãfã,ããfãfã,ãfã€ã€è|ãªªª’ãªªã€

- ESAãšã€[ã,»ã,ãf¥ãfªãfªã,£ã,µãf¼ãf”ã,“i¼^Security Servicesi¼%» > [URLãfã,£ãfãã,çãfãf³ã,°i¼^URL Filteringi¼%»ã«çš»ã•ã—ã¾ã™ã€,
- [ã,°ãfãf¼ããfãf«è” à@šã,ç”éti¼^Edit Global Settingsi¼%»ã,ã,ãfãfã,ã—ã€[URLãfãfã,ããfãfã,ãfã€@ã½ç”i¼^Use a URL whitelisti¼%»ã,’[ãªã—i¼^Nonei¼%»ã«è” à@šã—ã¾ã™ã€,ã“ã,CEã€ã,ã,ã,Šã€ã,°ãfãf¼ããfãfãfãfã,ããfãfã,ãfãfã,ãfã€ç,ãšãªã«ãªã,Šã¾ã™ã€,
- ãªªª»ã,ãªãªã—ã¾ã™ã€,

2.ã,°ãfãf¼ããfãf«URLãfã,£ãfãã,çãfãf³ã,°ã«ã,ã,ãfãfã,ããfãfã,ãfã€ã€ÿè½ã€ã€ã...è|

1. ESAãšã€[ãfãf¼ããfãfãfã,ãf¼i¼^Mail Policiesi¼%» > [ã—ãªã,ãfãfãfãfãfã,ãfã,£ãfãã,çi¼^Incoming Content Filtersi¼%»ã«çš»ã•ã—ã¾ã™ã€,
2. i¼^ã»ã„,i¼%[ãfã,£ãfãã,çã€è½ãš i¼^Add Filteri¼%»ã,ã,ã,ãfãfã,ã—ã|æ°ã—ã,,ã,ãfãfãfãfã,ãfã,£ãfãã,çã,ã½œæ^ã—ã¾ã™ã€,
3. ç@çš,ã€[Content Filter]ã,ã,ãfãfã,ã—ã¾ã™ã€, [Add Action] > [URL Reputation] > [Select Custom Range]
4. ç@çš,ã€ç”ãªã,ã²ã,ã...¥ãšã—ã¾ã™ã€,
5. i¼^ã¾ãÿãi¼%[ã,çã,ã,ãfšãf³ã€è½ãš i¼^Add Actioni¼%» > [URL

æ¬;ã®èj ¨ãšã¬ã€ã·|ã®ã¬ã«ã€ESA ç™ Cisco AsyncOS

ã,½ãfãfã,|ã,šã,čã®ãf;ã,ãfãfãf¼

ãfãfãf¼ã,¹ã,çã°ã¬ã¾ã™ã€,ã¾ã®ã¬ã¬ã€ãf;ã,ãfãfãf¼

ãfãfãf¼ã,¹ã€æœ¬ã,čãf%ãã,ã,¶ã,¶ãfãã«è™~è¼%ã¬ã¬|ã„ã,è,,tä¼±æ€šã«è²ã½”ã™ã

ãfãfãf¼ã,¹ã«è²ã½”ã™ã,ããã©ããããã,çã°ã¬ã¾ã™ã€,ã¾ã®ã¬ã¬ã€

æ¬;ã®èj ¨ã«çã°ã¬ã,ããããã«ã€é©ã^ããããfãfãf¼ã,¹ãã,čãfãfã¬ã,°ãfãfãf¼ãf%ãã™ã,

ESA ç™ã Cisco AsyncOS ã,½ãfãfã, ã,šã,čã®ãf;ã,ãfãfãf¼ ãfãfãf¼ã,¹	ã”ã®è,,tä¼±æ€šã«ã¾ã™ã,æœ¬ã^ã®ãä;æ€ã
9.0 ã,ã,šã%®	è²ã½”ã€11.0.2-044 MDã«çš»è;€
9.x	è²ã½”ã€11.0.2-044 MDã«çš»è;€
10.x	è²ã½”ã€11.0.2-044 MDã«çš»è;€
11.0.x	11.0.2-044 MD ¹
11.1.x	11.1.2-023 MD ²
12.x	Not affected

¹ 11.0.2-044 ã¬ã€ESA ãfãfãfã« x70ã€x80ã€x90 ã®ã™ã¹ã|ã®ãfã¬ã,ã,ãfãfãf¼ãf%ãã,|ã,šã,čã¨ã»æfãã,čãfã¬ãfã,ãã,čãfãã,¹ãšã®ÿè;€ãã,ã,ã¾ã¾ã™ã€,

² 11.1.2-023 ã¬ã€ESA ãfãfãfã« x80ã€x90 ã¨ã»æfãã,čãfã¬ãfã,ãã,čãfãã,¹ãšã®ÿè;€ãã,ã,ã¾ã¾ã™ã€,

ã,ã,¹ã,¾ãšã¬ã€Cisco E ãf;ãfãfãã ã,ã,ãfãfãfãfã,£ã,čãfã¬ãfã,ãã,čãfãã,¹ã¨ Cisco ã,¾ãfãfãfãfã,ã,ã,ãfãfãfãfã,£ç®;çãããã,čãfã¬ãfã,ãã,čãfãã,¹ã,ã«ã,€ Cisco ã,ãfãfã,|ãf%ã E ãf;ãfãfãã ã,ã,ãfãfãfãfã,£i¼^CESi¼%ã,ãfãfãfã,¹

ã,½ãfãfãfãfã,ãfãfããšè£½ã”ã®ã®šæœÿãf;ãfãfãfãfãfã,¹ã,æ¾ã¾ã¬ã¬ã¬ã|ã„ã,ã¾ã¾ã™ã€ Cisco TAC

ã«é€£ç;ã¬ã|ã€ã,½ãfãfã,|ã,šã,čã®ã,čãfãfã¬ã,°ãfãfãf¼ãf%ãã,è|æ±,ã™ã,ãã”ã¨

ã,æfã^©ç™ã°ã¾ã”ã...ã¼ç™è;¨

Cisco Product Security Incident Response

Teami¼^PSIRTi¼%ã¬ã€æœ¬ã,čãf%ãã,ã,¶ã,¶ãfãã«è™~è¼%ã¬ã¬|ã„ã,è,,tä¼±æ€šã«è²ã½”ã™ã

ã±ã...

ã”ã®è,,tä¼±æ€šã¬ Cisco TAC

ã,ãfãfãfãfã,±ãfãfã,¹ã®èš£æ±ã,ã«ç™è|ãã,ã,ã¾ã¾ã¬ã¬ãÿã€,

URL

<https://sec.cloudapps.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-20190109-esa-url-dos>

æ''¹è'',å±¥æ´

ãfãf¼ã,ãfšãf³	èª-æ~Ž	ã,»ã,-ã,-ã.
1.1	URL ãf•ã,£ãf«ã,¿ãfªãf³ã, °ã«é-çé£ã™ã,«åžé¿¿ç-ã®è©³ç´°ã,'è¿½åšã€,	ã»žé¿¿ç-
1.0	å^å»žå...-é-ãfªãfªãf¼ã,¹	-

å^©ç''è!¿ç´,,

æœ-ã,çãf%ãfã,ã,ã,¶ã,¶ãfªãç,,jã¿è"¼ã®ã,,ã®ã"ã-ã-ã|ã"æ¿¿ã¾ã-ã|ãšã,šã€
æœ-ã,çãf%ãfã,ã,ã,¶ã,¶ãfªã®æf...å±ãšã,^ã³ãfªãf³ã,-ã®ã½¿ç""ã«é-çã™ã,«è²-ã»ã®ã,€
ã¾ããŸã€ã,ã,¹ã,³ã-æœ-ãf%ã,ãfªãf;ãf³ãf^ã®å†...å®¹ã,'ã°ãšãªã-ã«ã%ãæ´ã-ã€
æœ-ã,çãf%ãfã,ã,ã,¶ã,¶ãfªã®è"~è¿°å†...å®¹ã«é-çã-ã|æf...å±é...¿¿jã® URL
ã,'çœç•¥ã-ã€å~ç<-ã®è»çè¼%ã,,æ,,è"³ã,'æ-½ã-ãŸã'ã^ã€å½"ç¾¾ã€€ç®¿ç¿
ã"ã®ãf%ã,ãfªãf;ãf³ãf^ã®æf...å±ã-ã€ã,ã,¹ã,³è£½å"ã®ã,"ãf³ãf%ãf!ãf¼ã,¶ã,ã¾è±jã

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。