

# Cisco IOS XE

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ã,çäf%oäf♦ä,¤ä,¶äfäf¼ID : cisco-sa-  
20180926-errdisable

[CVE-2018-0480](#)

å^♦å...-é-æ—¥ : 2018-09-26 16:00

äf♦äf¼ä,äf§äf³ 1.0 : Final

CVSSä,¹ä,³ä,ç : [7.4](#)

å›é♦¿ç- : No workarounds available

Cisco äf♦ä,° ID : [CSCvh13611](#)

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Cisco IOS XE ã,½äf•äf^ä,|ä,§ä,çä♦® VLAN

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<https://sec.cloudapps.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-20180926-errdisable>

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ä,çäf%oäf♦ä,¤ä,¶äf¤ä,’å♦«ä,€ Cisco IOS ã,½äf•äf^ä,|ä,§ä,çä♦Šä,^ä♦³ IOS XE

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[Cisco Event Response: September 2018 Semiannual Cisco IOS and IOS XE Software Security Advisory](https://www.cisco.com/c/en/us/support/docs/ios-xe/13000-13999/13000-13999.html)

[Bundled Publicationä,‘ä♦,ç...§ä♦—ä♦!ä♦ä♦ä♦ä♦ä♦,„ä,](https://www.cisco.com/c/en/us/support/docs/ios-xe/13000-13999/13000-13999.html)

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ã“ã®è,,†å¼±æ€§ã¬ã€Cisco IOS XE

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ã,“ãf—ã,·ãf§ãf³A:show errdisable detect

CLI ã,³ãfžãf³ãf‰ show errdisable detect | include

vlanã€,ã“ã®ã,³ãfžãf³ãf‰ã®å‡°åŠ>ã“è|”ç¤ºã¤•ã,Œã|ã„ã,<ãf‡ãf♦ã,¤ã,¹ã®ã¤ã„VLAN ãfçãf½ãf‰æ©Ýef½ã“ã“ã¤ã«ã€¤ãæ‰é † 2  
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ã,»ã,ãf¥ãf^ãf‡ã,fé¤•å¤¤i¹/4‰ã¤ã§ã,^ã³ security-violationi¹/4^802.1x  
ã,»ã,ãf¥ãf^ãf‡ã,fé¤•å¤¤i¹/4‰ã¤ã“é-çã¤ã™ã,< VLAN ãfçãf½ãf‰  
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<#root>

switch#

show errdisable detect | include vlan

bpduguard Enabled

vlan

psecure-violation Enabled port/

vlan

security-violation Enabled

vlan

```
switch#
```

ã, "ãf—ã, ·ãf§ãf³B:show running-config

ãf‡ãf♦ã,¤ã,¹ã♦Œ VLAN

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- æœ€å♦ã♦«ã€♦CLI ã, 'ãfžãf³ãf%o show running-config | include shutdown  
vlanã€,ã♦"ã♦®ã, 'ãfžãf³ãf%oã♦®å°åŠã♦«è; „ç¤ºã♦•ã,Œã♦ | ã♦,,ã,<ã♦‡ãf♦ã,¤ã,¹ã♦®å♦„  
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ã♦® security-violationi¹/4^802.1x ã, »ã,ãf¥ãf^ã,£é♦•å♦♦i¹/4%oã♦Šã, ^ã♦³  
bpduguardi¹/4^BPDU Guardi¹/4%oã♦«é-çã♦™ã,  $\infty$  VLAN ãfçäf¹/4ãf%o  
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<#root>

```
switch#
```

```
show running-config | include shutdown vlan
```

```
errdisable detect cause security-violation shutdown vlan  
errdisable detect cause bpduguard shutdown vlan
```

```
switch#
```

- æ¬jã♦«ã€♦CLI ã, 'ãfžãf³ãf%o show running-config | include switchport port-security  
violation shutdown  
vlanã€,ã, 'ãfžãf³ãf%oã♦®å°åŠã♦Œè; „ç¤ºã♦•ã,Œã♦Ýã, %oã€♦æ%oé † 2  
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<#root>

```
switch#
```

```
show running-config | include switchport port-security violation shutdown vlan
```

```
switchport port-security violation shutdown vlan
```

```
switch#
```

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- **BPDUs**, – ãf½ãf‰œi½ãšæœåš°ã-¾è±;ãš®VLANãš"ãš „ãš®ã, „ãf©ãf½ãf†ã,fã,»ãf½ãf-ãf«ãš«ãš

```
spanning-tree portfast bpduguard default
  interface <interface-id>
    spanning-tree portfast
```

ãš¾ãšÿãš-

```
interface <interface-id>
  spanning-tree bpduguard enable
```

- ãføãf½ãf^ã,»ã,ãf¥ãf^ãf†ã,féø•åøøi½ãšæœåš°ã-¾è±;ãš®ãføãf½ãf^/vlanãš"ãš „ãš®ã  
 violationãšŒãf†ã,©ãf«ãšãšæœ‰œåŠ¹ãš«ãššã,Šãš¾ãš™ã€,ãššãš®ãf†ãfã,¤ã,¹ã  
 ã,»ã,ãf¥ãf^ãf†ã,fã,Šã,^ãš³ violation vlan shutdown  
 ã,,è„å®šãø•ã,Œãš |ãš„ã,ãš“ãš „ã,'çœèaš—ãš¾ãš™ã€,show port-security  
 ãš®å‡ºåŠ›ãš« Shutdown Vlan  
 ã,‘åø«ã,€è;Œãš |ãš„ã,<ãš“ãš „ã,'çœèaš—ãš¾ãš™ã€,Œãš |ãš„ã,<ãš“ãš „ã,‘åø^ã€œãšœãš®ãf†ãfã,¤ã,¹ãš-è,,†å1

```
<#root>

switch#
show port-security

Secure Port  MaxSecureAddr  CurrentAddr  SecurityViolation  Security Action
                (Count)          (Count)          (Count)
-----
Gi1/0/48        1            1             5

Shutdown Vlan

-----
Total Addresses in System (excluding one mac per port)      : 0
Max Addresses limit in System (excluding one mac per port) : 4096
switch#
```

- **802.1x**,»ã,ãf¥ãf^ãf†ã,féø•åøøi½ãšæœåš°ã-¾è±;ãš®VLANãš"ãš „ãš®errdisableãšŒåžÿ  
 violationãšŒæœ‰œåŠ¹ãš«ãššfãš |ãš„ã,ãš“åø^ãš—ã€œãf†ãfã,¤ã,¹ãš«ã,802.1xè

## violation

{protect|replace|restrict}Œå«ã‰¾ã,Œã‘|ã„ã“ãŒ„å‘åŒ^ã€ŒãftfãŒã,¤ã,¹ãŒ«ãŒ`è,

```
<#root>

interface <interface-id>

authentication port-control

value

switchport voice vlan

value
```

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```
<#root>

authentication violation

{protect|replace|restrict}
```

## Cisco IOS XE ã,½ãf•ãf^ã,¡ã,§ã,¢ ãfªãfªãf¹¼ã,¹ãŒ®å^¤å^¥

ãf‡ãfŒã,¤ã,¹ã,ŠãŒ§ã®ÝèŒã‘•ã,Œã‘|ã„ã,‹ Cisco IOS XE ã,½ãf•ãf^ã,¡ã,§ã,¢  
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show version ã,³ãfžãf³ãf‰ã,¹ã®ÝèŒã‘—ã€ŒèŒçœ¤ã‘•ã,Œã,‹ã,·ã,¹ãftfã  
ãfŒãfšãf¹¼ã,’åŒ,ç...§ãŒ™ã,‹ãŒ“ãŒ“ãŒ«ã,^ã,ŠççŒè¤ãŒ§ãŒãŒãŒ³¼ãŒ™ã€,ãf‡ãfŒã,¤ã,¹ãŒ  
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SoftwareŒœãŒaŒ©ãŒ®ãftfã,ã,¹ãfŒãŒèŒçœ¤ã‘•ã,ŒãŒ³¼ãŒ™ã€,

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CAT3K\_CAA-UNIVERSALK9-M  
ãŒ§ãŒ,ã,‹ãftfãŒã,¤ã,¹ãŒ§ãŒ®ã,³ãfžãf³ãf‰ãŒ®å‡ºåŠ›ã³¼ã,‘çœ¤ãŒ—ãŒ³¼ãŒ™ã€,

```
<#root>
```

ios-xe-device#

show version

Cisco IOS Software, Catalyst L3 Switch Software (CAT3K\_CAA-UNIVERSALK9-M), Version Denali 16.2.1, RELEASE-16.2.1-18800-162100  
Technical Support: <http://www.cisco.com/techsupport>  
Copyright (c) 1986-2016 by Cisco Systems, Inc.  
Compiled Sun 27-Mar-16 21:47 by mcpre

Cisco IOS XE 1/2af•af^a, | a, § a, ¢

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è,,†å¼±æ€§a,’a♦«a,“a♦§a♦,,a♦a♦,,a♦“a♦”a♦CEçç°èª♦a♦•a,CÉa♦YèF½å”♦

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VLAN

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

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Security Advisories and Alerts [¼‰]  
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<https://www.cisco.com/c/en/us/support/web/tsd-cisco-worldwide-contacts.html>

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## Cisco IOS ã®šã,^ã®³ IOS XE ã,½ãf•ãf^ã,|ã,§ã,ç

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[Notes](#)ã€◆ã€◆ã€Œ[Cisco IOS XE 3S Release Notes](#)ã€◆ã€◆ã◆¾ã◆Ýã◆—ã€Œ[Cisco IOS XE 3SG](#)

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## 翻訳について

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