

Cisco IOS, Cisco IOS XE EnergyWise



Severity: High
Affected Versions: Cisco IOS 15.2(4)M, Cisco IOS XE 3.6.4S EnergyWise
CVSS Score: 7.8
Workarounds: No Workarounds available
Cisco Bug ID: CSCup52101

CVE-2014-3327

Summary: A denial of service (DoS) vulnerability exists in the EnergyWise feature of Cisco IOS and Cisco IOS XE. An attacker can cause a device to crash by sending a specially crafted packet.

Impact

Cisco IOS, Cisco IOS XE EnergyWise

EnergyWise is a feature that allows network devices to monitor and control power consumption. It is used to optimize power usage and reduce energy costs.

The vulnerability is located in the EnergyWise daemon. An attacker can send a specially crafted packet to the daemon, which will cause it to crash. This will result in a denial of service for the device.

The vulnerability is caused by a buffer overflow in the daemon. An attacker can send a packet that is larger than the buffer, which will cause the daemon to crash.

The vulnerability is present in the following versions of Cisco IOS and Cisco IOS XE:

Cisco IOS 15.2(4)M, Cisco IOS XE 3.6.4S EnergyWise

Workarounds: No Workarounds available

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Router#show run | include energywise
energywise domain test_domain security shared-secret 0 test123
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Router>show version  
Cisco IOS Software, C3900 Software (C3900-UNIVERSALK9-M), Version 15.0(1)M1, RELEASE SOFTWARE (fc1)  
Technical Support: http://www.cisco.com/techsupport  
Copyright (c) 1986-2009 by cisco Systems, Inc.  
Compiled Wed 02-Dec-09 17:17 by prod_rel_team  
<output truncated>
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<http://tools.cisco.com/security/center/viewAMBAAlert.x?alertId=34962>

12.2SV	è,,†â¼±æ€§ã¤ã¤—
12.2SVD	è,,†â¼±æ€§ã¤ã¤—
12.2SVE	è,,†â¼±æ€§ã¤ã¤—
12.2SW	è,,†â¼±æ€§ã¤ã¤—
12.2SXF	è,,†â¼±æ€§ã¤ã¤— IOS software àfçã.,ãf¥ãf¼ãã«æ€§šãf'ãffãfã,â,ç...Sã¤—ã¤ ä,ã¤•ã¤
12.2SXH	è,,†â¼±æ€§ã¤ã¤— IOS software àfçã.,ãf¥ãf¼ãã«æ€§šãf'ãffãfã,â,ç...Sã¤—ã¤ ä,ã¤•ã¤
12.2SXI	è,,†â¼±æ€§ã¤ã¤—
12.2SXJ	è,,†â¼±æ€§ã¤ã¤—
12.2SY	è,,†â¼±æ€§ã¤ã¤—
12.2WO	è,,†â¼±æ€§ã¤ã¤—
12.2XNA	Cisco IOS XE à,½ãf•ãf^ã,lä,šã,çã¤@å¤-ç'''æ€§Sã,â,ç...Sã¤—ã¤ ä,ã¤•ã¤
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12.2XO	è,,†â¼±æ€§ã¤ã¤—
12.2ZYA	è,,†â¼±æ€§ã¤ã¤—
Affected 12.3-Based Releases	First Fixed Release è©²â½'ã¤™ã, < 12.3 àf™ãf¼ã,¹ã¤@ãfªãfªãf¼ã,¹ã¤-ã¤
Affected 12.4-Based Releases	First Fixed Release è©²â½'ã¤™ã, < 12.4 àf™ãf¼ã,¹ã¤@ãfªãfªãf¼ã,¹ã¤-ã¤
à½±éÿ;ã,â¤—ã¤'ã, < 15.0 ãf™ãf¼ã,¹ã¤@ãfªãfªãf¼ã,¹	First Fixed Release
15.0EA	è,,†â¼±æ€§ã¤ã¤—
15.0EB	è,,†â¼±æ€§ã¤ã¤—
15.0EC	è,,†â¼±æ€§ã¤ã¤—
15.0ED	Vulnerable; ãfªãfªãf¼ã,¹ 15.2E à¤Sãª°å¤@šã¤•ã,Çã,ç↯ 1
15.0EH	Vulnerable; ãfªãfªãf¼ã,¹ 15.2E à¤Sãª°å¤@šã¤•ã,Çã,ç↯ 1
15.0EJ	Vulnerable; ãfªãfªãf¼ã,¹ 15.2E à¤Sãª°å¤@šã¤•ã,Çã,ç↯ 1
15.0EK	15.0(2)EK1 ä»¥ã%ã¤ã¤@ãfªãfªãf¼ã,¹ã¤-è,,†â¼±ã¤Sã¤™;ãfªãfªãf¼ã,¹ã¤Sã,^ã¤³ã¤ã¤ã,Çã»¥é™ã¤ã¤-è,,†â¼±ã¤Sã¤-ã¤ã¤,,ã¤Sã¤™æ€
15.0EX	è,,†â¼±æ€§ã¤ã¤—

15.0EY	è,,†â¼±æ€§ãªã—
15.0EZ	è,,†â¼±æ€§ãªã—
15.0M	è,,†â¼±æ€§ãªã—
15.0MR	è,,†â¼±æ€§ãªã—
15.0S	è,,†â¼±æ€§ãªã—
15.0SE	Vulnerable; ãª"ãª®ã,çãf%ooãfã,ãã,¶ãfãªª@ã;@æfæ,^ã;ã,½ãf•ãfã, ã,šã,çã çµ,,ç¹"ãª«é€£çµjã—ãª ä,ãª•ãª,,ã€,
15.0SG	è,,†â¼±æ€§ãªã—
15.0SQC	è,,†â¼±æ€§ãªã—
15.0SY	è,,†â¼±æ€§ãªã—
15.0XA	è,,†â¼±æ€§ãªã—
15.0XO	è,,†â¼±æ€§ãªã—
ã¼±éÿ;ã,'ã—ãª'ã, < 15.1 ãª™ãª¼ã,¹ãª®ãªãªª¼ã,¹	First Fixed Releasei¼^ä;@æfãª•ã,CEãª
15.1EY	è,,†â¼±æ€§ãªã—
15.1GC	è,,†â¼±æ€§ãªã—
15.1M	è,,†â¼±æ€§ãªã—
15.1MR	è,,†â¼±æ€§ãªã—
15.1MRA	è,,†â¼±æ€§ãªã—
15.1S	è,,†â¼±æ€§ãªã—
15.1SG	Vulnerable; ãªãªãª¼ã,¹ 15.2E ãªšãª°ãª®šãª•ã,CEã,ç¬ 1
15.1SNG	è,,†â¼±æ€§ãªã—
15.1SNH	è,,†â¼±æ€§ãªã—
15.1SNI	è,,†â¼±æ€§ãªã—
15.1SY	15.1(1)SY4; 31-OCT-14ãªšãª^çªª"ãªª—èf½
15.1T	è,,†â¼±æ€§ãªã—
15.1XO	Vulnerable; ãª"ãª®ã,çãf%ooãfã,ãã,¶ãfãªª@ã;@æfæ,^ã;ã,½ãf•ãfã, ã,šã,çã çµ,,ç¹"ãª«é€£çµjã—ãª ä,ãª•ãª,,ã€,
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15.2E	15.2(3)E; 23-OCT-14ãªšãª^çªª"ãªª—èf½
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15.2EB	Vulnerable;

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15.2EY	è,,†ã¼±æ€§ãªã—
15.2GC	è,,†ã¼±æ€§ãªã—
15.2JA	è,,†ã¼±æ€§ãªã—
15.2JAC	è,,†ã¼±æ€§ãªã—
15.2JAX	è,,†ã¼±æ€§ãªã—
15.2JB	è,,†ã¼±æ€§ãªã—
15.2JN	è,,†ã¼±æ€§ãªã—
15.2M	è,,†ã¼±æ€§ãªã—
15.2S	è,,†ã¼±æ€§ãªã—
15.2SA	è,,†ã¼±æ€§ãªã—
15.2SNG	è,,†ã¼±æ€§ãªã—
15.2SNH	è,,†ã¼±æ€§ãªã—
15.2SNI	è,,†ã¼±æ€§ãªã—
15.2T	è,,†ã¼±æ€§ãªã—
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è©²ã½“ã™ã,< 15.4 ãf™ãf¼ã,¹ã®ãfªãfªãf¼ã,¹	First Fixed Releasei¼^ã;®ãfã•ã,CEã
15.4CG	è,,†ã¼±æ€§ãªã—
15.4M	è,,†ã¼±æ€§ãªã—
15.4S	è,,†ã¼±æ€§ãªã—
15.4T	è,,†ã¼±æ€§ãªã—

Cisco IOS XE ã,½ãf•ãf^ã,¹ã,§ã,ç

First Fixed Release	First Fixed Releasei¼^ã;®ãfã•ã,CEãÿæœ€ã^ãã®ãfªãfªãf¼ã,¹i¼%o
2.x	è,,†ã¼±æ€§ãªã—
3.1.xSG	è,,†ã¼±æ€§ãªã—
3.2.xSG	è,,†ã¼±æ€§ãªã—
3.2.xSE	è,,†ã¼±æ€§ãªã—
3.2.xSQ	è,,†ã¼±æ€§ãªã—

3.2.xXO	è,,†â¼±
3.3.xXO	è,,†â¼±
3.3.xSG	è,,†â¼±
3.3.xSQ	è,,†â¼±æ€§ãªã—
3.4.xSG	è,,†â¼±
3.5.xE	3.5.3E
3.6.xE	è,,†â¼±
3.2.xS	è,,†â¼±æ€§ãªã—
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<http://tools.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-20140806-energywise>

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翻訳について

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