

Cisco

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[CVE-2013-1144](#)

Published : 2013-03-27 16:00

Last Modified : 2013-04-11 15:30

Version : 1.1 : Final

CVSS Score : [7.8](#)

Workarounds : No Workarounds available

Cisco ID : [CSCth81055](#)

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Advisoryã€ã¼ã, Çã |ã,,ã¼ã™ã€,ã™ã¹ã |ã®ã, çãf%ãfã, mã, ¶ãfã -ã€ Ci

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Semiannual Cisco IOS Software Security Advisory Bundled

af#af a,ma,1a IKEv1c a e a@s a,a,ca | a,,a,a a a a,t a,a,'c c

IKEv1a, 'a/2;c a TM a,ca Yef/2a a sae a,a,sa e a-ja a a, a ta a c a a,af af/4af af

- LAN e- VPN
- af#afca/4af a,ca, a,»a,1 VPNi/4^SSL VPN a, 'e TM a i/4%
- Dynamic Multipoint VPNi/4^DMVPNi/4%
- Group Domain of Interpretation(GDOI)

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udp

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a-ja a a/4a sa a e IPv4a a/4a Ya IPv6a a a sa,ca a, a/2;c a a a | a e UDP

Router#show udp

Proto	Remote	Port	Local	Port	In	Out	Stat	TTY	OutputIF
17	--listen--	--any--		1975	0	0	1000001	0	
17	--listen--		192.168.100.1	500	0	0	1001011	0	
17(v6)	--listen--		FD80::1	500	0	0	1020011	0	
17	--listen--		192.168.100.1	4500	0	0	1001011	0	
17(v6)	--listen--		FD80::1	4500	0	0	1020011	0	

Router#

af#af a,ma,1e a@s a a IKEv1ae Yef/2a Ca a a/4a,ca | a,,a,a a a a,t a,a,'c c e a

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IOSaf#af a,ma,1a e a@s a e,,t a/4ae sa ca a, a a a a a,t a,a, a ae a TM a, a a a

show run | include crypto map|tunnel protection ipsec|crypto gdoi enable

mode a, 3afza/3af%a, 'a/2;c a a a/4a TM a e, a a a a a, 3afza/3af%a a a a tunnel protection ipsec a/4a Ya crypto

gdoi a a sa,ca a Ca a a/4a,ca | a,,a, a a a af#af a,ma,1a a IKE e a@s

crypto map a Ca a a/4a,ca | a,,a, a a a a a, af af af af af af a e ipsec-

isakmp a a a e a@s a,a,ca | a,,a,a a a a, 'c c e a a a a/4a TM a e, a-ja a a/4a

<#root>

```
router#
show run | include crypto map|tunnel protection ipsec|crypto gdoi
crypto map CM 100 ipsec-isakmp
crypto map CM
router#
```

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- Cisco ASR 5000ã,ãfªãf¼ã,ªã,¹ãfçãf¼ãf«ã,»ãf«ã,²ãf¼ãf^ã,|ã,šã,ª
- Cisco Access Service Network(ASN)ã,²ãf¼ãf^ã,|ã,šã,ª
- Cisco ePDGi¼^ASR5000ä,Ši¼%o
- SAMIãfªãf¼ã,¹ã©ãfã,ããfªãf-ã,¹ã,»ã,ãf¥ãfªãf†ã,£ã,²ãf¼ãf^ã,|ã,šã,ª(WSG)ã€,
- Cisco NX-OSã,½ãf•ãf^ã,|ã,šã,ç
- Cisco ASAã,½ãf•ãf^ã,|ã,šã,ç
- Cisco AnyConnect
- Cisco CGR 1000ãf«ãf¼ã,ç

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<#root>
Router#show buffer leak

Header	DataArea	Pool	Size	Link	Enc	Flags	Input	Output	User
49AB48C0	3F405384	Small	0	0	0	0	None	None	Init
49ABB8DC	3F4072C4	Middl	419	7	1	80	Gi0/0	None	Crypto IK
49ABBD58	3F407604	Middl	419	7	1	80	Gi0/0	None	Crypto IK
49ABC1D4	3F407944	Middl	419	7	1	80	Gi0/0	None	Crypto IK
49ABC650	3F407C84	Middl	419	7	1	80	Gi0/0	None	Crypto IK

```

Router#show buffer leak resource user
Resource User:           Init count:           21
Resource User: Crypto IKE Dis count:           100
Resource User: EEM ED Syslog count:            10
Resource User: IP ARP Adjacen count:            1

```

Crypto IKE

Disabling IPv4 Cryptographic Authentication in Cisco IOS

Cisco Bug ID [CSCth81055](https://cisco.cisco.com/ciscobug?bugid=CSCth81055)

Common Vulnerabilities and

Exposures (CVE) ID CVE-2013-

1144: Cisco IOS Common Vulnerabilities and Exposures (CVE) ID CVE-2013-1144

Embedded Event Manager (EEM)

Cisco IOS Embedded Event

Manager (EEM) Configuration

Configuration Example: `EEM`

IOS

EEM Cisco IOS, Cisco Beyond: Embedded Event Manager (EEM) Scripting Community

```
event manager environment EEM_MEM_LEAK_INTERVAL 20
event manager environment EEM_MEM_LEAK_MAX_RUNTIME 5
event manager environment EEM_IKE_BUFF_INCR_THRES 3
event manager environment EEM_FREE_MEMORY_THRES 70
event manager directory user policy "flash://"
event manager policy eem_ike_mem_leak.tcl
```

IOS EEM Scripting

IOS EEM Scripting, Cisco IOS Embedded Event Manager (EEM) Scripting

IOS EEM Scripting, Cisco IOS Embedded Event Manager (EEM) Scripting

Center for Technical Assistance

Cisco IOS EEM Scripting

Cisco IOS EEM Scripting, Cisco IOS Embedded Event Manager (EEM) Scripting

IOS EEM Scripting, Cisco IOS Embedded Event Manager (EEM) Scripting

Cisco IOS Software Checker

IOS EEM Scripting, Cisco IOS Embedded Event Manager (EEM) Scripting

Affected 12.0-Based Releases	First Fixed Release 12.0(2)S, 12.0(2)S, 12.0(2)S
Affected 12.2-Based Releases	First Fixed Release 12.2(2)S, 12.2(2)S, 12.2(2)S
Affected 12.3-Based Releases	First Fixed Release 12.3(2)S, 12.3(2)S, 12.3(2)S
Affected 12.4-Based Releases	First Fixed Release 12.4(2)S, 12.4(2)S, 12.4(2)S
15.0(1)S, 15.0(1)S, 15.0(1)S	First Fixed Release 15.0(1)S, 15.0(1)S, 15.0(1)S
15.1(1)S, 15.1(1)S, 15.1(1)S	First Fixed Release 15.1(1)S, 15.1(1)S, 15.1(1)S
15.1EY	15.1(1)EY
15.1GC	15.1(1)GC
15.1M	15.1(1)M
15.1MR	15.1(1)MR
15.1 MRA	15.1(1)MRA
15.1S	15.1(1)S Cisco IOS XE 15.1(1)S, 15.1(1)S, 15.1(1)S Cisco IOS XE 15.1(1)S, 15.1(1)S, 15.1(1)S
15.1SG	15.1(1)SG Cisco IOS XE 15.1(1)SG, 15.1(1)SG, 15.1(1)SG Cisco IOS XE 15.1(1)SG, 15.1(1)SG, 15.1(1)SG
15.1SNG	15.1(1)SNG
15.1SNH	15.1(1)SNH
15.1SNI	15.1(1)SNI
15.1SVA	15.1(1)SVA
15.1SVC	15.1(1)SVC
15.1SY	15.1(1)SY
15.1T	15.1(1)T
15.1XB	15.1(1)XB Cisco IOS XE 15.1(1)XB, 15.1(1)XB, 15.1(1)XB Cisco IOS XE 15.1(1)XB, 15.1(1)XB, 15.1(1)XB
15.2(1)S, 15.2(1)S, 15.2(1)S	First Fixed Release 15.2(1)S, 15.2(1)S, 15.2(1)S

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Cisco Product Security Incident Response

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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。