

# Cisco Security Advisory: Cisco Unified Communications Manager Denial of Service Vulnerabilities

Advisory ID: cisco-sa-20110824-cucm

[http://www.cisco.com/cisco/web/support/JP/110/1108/1108412\\_cisco-sa-20110824-cucm-j.html](http://www.cisco.com/cisco/web/support/JP/110/1108/1108412_cisco-sa-20110824-cucm-j.html)

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## Revision 1.2

Last Updated 2011 October 26 16:36 UTC (GMT)

For Public Release 2011 August 24 1600 UTC (GMT)

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Cisco Unified Communications Manager Denial of Service (DoS);

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- Cisco Unified Communications Manager 4.x
- Cisco Unified Communications Manager 6.x
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- Cisco Unified Communications Manager 8.x

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Cisco Unified Communications Manager

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Cisco Bug ID [CSCth43256](#) i¼^

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#### CVSS

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CVSS 3.1 Calculator URL: <http://www.cisco.com/web/about/security/intelligence/cvss-qandas.html>

<http://www.cisco.com/web/about/security/intelligence/cvss-qandas.html>

CVSS Calculator URL: <http://tools.cisco.com/security/center/cvssCalculator.x>

<http://tools.cisco.com/security/center/cvssCalculator.x>

CSCtf97162 - CCM Application Restarts During TCP Flood					
Calculate the environmental score of					
CVSS Base Score - 7.8					
Access Vector	Access Complexity	Authentication	Confidentiality Impact	Integrity Impact	Availability Impact
Network	Low	None	None	None	Complete
CVSS Temporal Score - 6.4					
Exploitability		Remediation Level		Report Confidence	
Functional		Official-Fix		Confirmed	

CSCtc61990 - Coredump may be experienced when processing certain SIP packets					
Calculate the environmental score of					
CVSS Base Score - 7.1					
Access Vector	Access Complexity	Authentication	Confidentiality Impact	Integrity Impact	Availability Impact
Network	Medium	None	None	None	Complete

<b>CVSS Temporal Score - 5.9</b>		
Exploitability	Remediation Level	Report Confidence
Functional	Official-Fix	Confirmed

**CSCth43256 - Coredump may be experienced when processing certain SIP packets**

**Calculate the environmental score of**

**CVSS Base Score - 7.8**

Access Vector	Access Complexity	Authentication	Confidentiality Impact	Integrity Impact	Availability Impact
Network	Low	None	None	None	Complete

**CVSS Temporal Score - 6.4**

Exploitability	Remediation Level	Report Confidence
Functional	Official-Fix	Confirmed

**CSCth26669 - CUCM may experience a reload when receiving certain UCM client msgs**

**Calculate the environmental score of**

**CVSS Base Score - 7.8**

Access Vector	Access Complexity	Authentication	Confidentiality Impact	Integrity Impact	Availability Impact
Network	Low	None	None	None	Complete

CVSS Temporal Score - 6.4		
Exploitability	Remediation Level	Report Confidence
Functional	Official-Fix	Confirmed

**CSCth19417 - CUCM may experience a reload when receiving certain UCM client msgs**

**Calculate the environmental score of**

CVSS Base Score - 7.8

Access Vector	Access Complexity	Authentication	Confidentiality Impact	Integrity Impact	Availability Impact
Network	Low	None	None	None	Complete

CVSS Temporal Score - 6.4

Exploitability	Remediation Level	Report Confidence
Functional	Official-Fix	Confirmed

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 Cisco Unified Communications Manager  
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Technical Assistance Center  
 Recommended Releases

Recommended Releases

Cisco Unified Communications Manager Version	Recommended Releases
6.x	6.1(5)SU3
7.x	7.1(5b)SU4
8.0	8.0(3a)SU2
8.5	8.5(1)SU2, 8.6(1)

## Configuration

SIP DoS protection for Cisco Unified Communications Manager 6.1(4) through 8.0(1) and SIP DoS protection for Cisco Unified Communications Manager 8.5(1) through 8.6(1)

- 1. **Configure SIP DoS protection for Cisco Unified Communications Manager Administration**  
 In the Cisco Unified Communications Manager Administration console, click **System** > **Service Parameters**.
- 2. **Configure SIP DoS protection for Cisco CallManager**  
 In the Cisco CallManager Administration console, click **System** > **Service Parameters**.
- 3. **Configure SIP Interoperability Enabled**  
 In the Cisco CallManager Administration console, click **System** > **Service Parameters**.

For more information, see the Cisco CallManager Serviceability page at [http://www.cisco.com/en/US/docs/voice\\_ip\\_comm/cucm/admin/7\\_1\\_2/ccmcfg/b03dpi.html#wp1075124](http://www.cisco.com/en/US/docs/voice_ip_comm/cucm/admin/7_1_2/ccmcfg/b03dpi.html#wp1075124)

For more information, see the Cisco CallManager Serviceability page at [http://www.cisco.com/en/US/docs/voice\\_ip\\_comm/cucm/admin/7\\_1\\_2/ccmcfg/b03dpi.html#wp1075124](http://www.cisco.com/en/US/docs/voice_ip_comm/cucm/admin/7_1_2/ccmcfg/b03dpi.html#wp1075124)



5060 5061 UDP 5060 5061  
Cisco Unified Communications Manager SIP

Cisco Communications Manager 4.x  
DoS  
Cisco Unified Communications Manager Administration Web

- Cisco Unified Communications Manager Administration Web
- [System] > [Service Parameters]
- Packet Capture Enabled False

Cisco CallManager  
the Cisco CallManager Service

Applied Mitigation Bulletin: Identifying and Mitigating Exploitation of the Multiple Vulnerabilities in Cisco Unified Communications Manager

<http://tools.cisco.com/security/center/content/CiscoAppliedMitigationBulletin/cisco-amb-20110824-cucm-i>

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<http://www.cisco.com/en/US/docs/general/warranty/English/EU1KEN.html>  
<http://www.cisco.com/public/sw-center/sw-usingswc.shtml>







## 翻訳について

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