

Cisco Unified IP Phone Local Kernel System Call Input Validation Vulnerability

Advisory ID: cisco-sa-20130109-uipphone

<http://tools.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-20130109-uipiphone>

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Revision 1.0

For Public Release 2013 January 9 16:00 UTC (GMT)

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Cisco Unified IP Phones 7900 Series 9.3(1)SR1

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- Cisco Unified IP Phone 7931G
- Cisco Unified IP Phone 7941G
- Cisco Unified IP Phone 7941G-GE
- Cisco Unified IP Phone 7942G
- Cisco Unified IP Phone 7945G
- Cisco Unified IP Phone 7961G
- Cisco Unified IP Phone 7961G-GE
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- Cisco Unified IP Phone 7965G
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 - Cisco Unified IP Phone 7985G
 - Cisco Unified Wireless IP Phone 7920
 - Cisco Unified Wireless IP Phone 7921G
 - Cisco Unified Wireless IP Phone 7925G
 - Cisco Unified Wireless IP Phone 7925G-EX
 - Cisco Unified Wireless IP Phone 7926G
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Cisco Unified IP Phone 7900

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Cisco Unified IP Phone 1900 Series
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http://www.cisco.com/en/US/docs/voice_ip_comm/cucm/srnd/9x/security.html

Engineering Special
Cisco Technical Assistance Center TAC Cisco.com Service Release 2

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[Common Vulnerabilities and Exposures](#) (CVE) ID: CVE-2012-5445
CE-2012-5445, S&V, %o, CE, , TM,

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Common Vulnerability Scoring System (CVSS) is a widely used framework for quantifying the severity of computer security vulnerabilities. It provides a standardized way to measure the impact of a vulnerability based on its inherent characteristics. CVSS version 3.0 is the current standard, introduced in 2014. It includes eight base metrics: Exploitability, Impact, Scope, Authentication, Confidentiality, Integrity, and Availability. These metrics are weighted and combined to produce a base score ranging from 0 to 10. The CVSS score is often used to prioritize security patches and to inform users about the potential risk of a vulnerability.

CVSS

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Score 14% Š, ā, ^ā, ³ç, ¾ç, ¶è, ©, ä, ¼ä, ¹ä, ³ä, ç, ¼Temporal

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

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

Calculate the environmental score of					
CVSS Base Score - 6.8					
Access Vector	Access Complexity	Authentication	Confidentiality Impact	Integrity Impact	Availability Impact
Local	Low	Single	Complete	Complete	Complete

CVSS Temporal Score - 5.8

Exploitability	Remediation Level	Report Confidence
Functional	Temporary-Fix	Confirmed

Summary:

This vulnerability has a CVSS Temporal Score of 5.8. It is considered functional and can be remediated with a temporary fix. The report confidence is confirmed.

Cisco Security Response:

The vulnerability was first reported by [Redacted] on [Redacted]. Cisco has issued a temporary fix, which is available for download at http://www.cisco.com/go/Engineering_Special. The fix is compatible with Cisco routers and switches running Cisco IOS Software, Release 12.2(15)S1. The fix is also available for download at http://www.cisco.com/go/Technical_Assistance_Center.

Cisco has issued a temporary fix for this vulnerability. The fix is available for download at http://www.cisco.com/go/Engineering_Special. The fix is compatible with Cisco routers and switches running Cisco IOS Software, Release 12.2(15)S1. The fix is also available for download at http://www.cisco.com/go/Technical_Assistance_Center.

The temporary fix is available for download at http://www.cisco.com/go/Engineering_Special. The fix is compatible with Cisco routers and switches running Cisco IOS Software, Release 12.2(15)S1. The fix is also available for download at http://www.cisco.com/go/Technical_Assistance_Center.

Applied Mitigation:

The temporary fix is available for download at http://www.cisco.com/go/Engineering_Special. The fix is compatible with Cisco routers and switches running Cisco IOS Software, Release 12.2(15)S1. The fix is also available for download at http://www.cisco.com/go/Technical_Assistance_Center.

and Mitigating Exploitation of the Cisco Unified IP Phone Local Kernel System Call Input Validation Vulnerability
<http://tools.cisco.com/security/center/viewAMBAAlert.x?alertId=27763>

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Technical Assistance

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• +1 408 526 7209 i¼—ç±³å»¥å¤—ã♦
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Cisco Product Security Incident Response

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- cust-security-announce@cisco.com
- first-bulletins@lists.first.org
- bugtraq@securityfocus.com
- vulnwatch@vulnwatch.org
- cisco@spot.colorado.edu
- cisco-nsp@puck.nether.net
- full-disclosure@lists.grok.org.uk

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Ã♦® http://www.cisco.com/en/US/products/products_security_vulnerability_policy.html

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