

Cisco Intrusion Prevention System MainApp Secure Socket Layer Denial of Service Vulnerability

Advisory ID: cisco-sa-20150311-ips

<http://tools.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-20150311-ips>

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Revision 1.0

For Public Release 2015 March 11 16:00 UTC (GMT)

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Cisco Intrusion Prevention System (IPS) provides a comprehensive solution for network security. It includes features such as Denial of Service (DoS) protection, SSL/TLS inspection, and various intrusion detection and prevention mechanisms. The system is designed to protect against a wide range of threats, including malware, viruses, and unauthorized access attempts.

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- IPS 4345
- IPS 4345-DC
- IPS 4360
- IPS 4510
- IPS 4520
- IPS 4520-XL
- ASA 5512-X IPS
- ASA 5515-X IPS SSP
- ASA 5525-X IPS SSP
- ASA 5545-X IPS SSP
- ASA 5555-X IPS SSP
- ASA 5585-X IPS SSP-10
- ASA 5585-X IPS SSP-20
- ASA 5585-X IPS SSP-40
- ASA 5585-X IPS SSP-60

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sensor# show version
Application Partition:

Cisco Intrusion Prevention System, Version 7.1(3)E4

Host:

Realm Keys	key1.0
Signature Definition:	
Signature Update	S605.0
OS Version:	2.6.29.1
Platform:	IPS-4345-K9

Cisco Intrusion Prevention System Device

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Analysis Engine
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request-block-host , request-rate-limit @ event-action @ @ MainApps
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Common Vulnerabilities and Exposures (CVE) ID: CVE-2015-0654
Summary: A buffer overflow vulnerability exists in the way that the application handles user input, which can lead to arbitrary code execution.

DoS

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Common Vulnerability Scoring

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CVSS

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Score: 14%
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Score 14%, 'ç®—å†ºä»—ä€♦è‡ªè°«ä♦®äf♦äffäf^äf¼ä,—ä♦«ä♦Šä♦'ä, \langle è,, †å¼±æ€§ä♦®å½±éÝ

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

CVSS è $\sqrt{f} \approx 2.2$, mentre la probabilità di esecuzione è $\sqrt{f} \approx 0.5$.

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

CSCuq40652 - Cisco Intrusion Prevention System MainApp Secure
Socket Layer Denial of Service Vulnerability

Calculate the environmental score of

CVSS Base Score - 7.1

Access Vector	Access Complexity	Authentication	Confidentiality Impact	Integrity Impact	Availability Impact
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Network	Medium	None	None	None	Complete
CVSS Temporal Score - 5.9					
Exploitability		Remediation Level		Report Confidence	
Functional		Official-Fix		Confirmed	

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<http://www.cisco.com/en/US/docs/general/warranty/English/EUTKEN.html>

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Revision 1.0	2015-March-11	Initial public release.
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翻訳について

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