

Cisco Security Advisory

Cisco Small Business SPA300 and SPA500 Series IP Phones Local Code Execution Vulnerability



Advisory ID: Cisco-SA-20140709-CVE-2014-3312 CVE-2014-3312 [Download CVRF](#)
Published: 2014 July 9 14:14 GMT CWE-78 [Download PDF](#)
Version 1.0: Final [Email](#)
CVSS Score: [Base - 6.9](#)
Workarounds: [See below](#)
Cisco Bug IDs: [CSCun77435](#)

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Summary

A vulnerability in the Cisco Small Business SPA300 and SPA500 Series IP Phones could allow an unauthenticated, local attacker to access the debug shell and file system of the affected device.

The vulnerability is due to insufficient authentication implementation in the debug console interface. An attacker could exploit this vulnerability by sending crafted commands to the debug interface of the affected device. An exploit could allow the attacker to execute arbitrary commands and access system memory with elevated privileges.

Cisco has confirmed the vulnerability in a security notice; however, software updates are not available.

To exploit this vulnerability, an attacker must have local access to the targeted device. This access requirement may reduce the likelihood of a successful exploit.

Cisco indicates through the CVSS score that functional exploit code exists; however, the code is not known to be publicly available.

Affected Products

Customers are advised to consult Cisco bug ID [CSCun77435](#) for a complete list of affected product versions.

Vulnerable Products

At the time this alert was first published, Cisco Small Business SPA500 Series IP Phones versions 7.5(.4) and prior and Cisco Small Business SPA300 Series IP Phones versions 7.5(.5) and prior were vulnerable. Later versions may also be vulnerable.

Products Confirmed Not Vulnerable

No other Cisco products are currently known to be affected by these vulnerabilities.

Workarounds

Administrators are advised to contact the vendor regarding future updates and releases.

Administrators are advised to allow only trusted users to access local systems.

Administrators are advised to monitor affected systems.

Fixed Software

Software updates are not available.

Exploitation and Public Announcements

The Cisco Product Security Incident Response Team (PSIRT) is not aware of any public announcements or malicious use of the vulnerability that is described in this advisory.

URL

<http://tools.cisco.com/security/center/content/CiscoSecurityAdvisory/Cisco-SA-20140709-CVE-2014-3312>

Revision History

Version	Description	Section	Status	Date
1.0	Initial Release	NA	Final	2014-Jul-09

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