

Cisco Aironet 802.11n Radio Shell Remote Code Execution Vulnerability



Severity: **High**

Published: 2019-04-17

Last updated: 2019-04-17 16:00

Version: Cisco Aironet 802.11n Radio Shell Remote Code Execution Vulnerability (Final)

CVSS v3 Score: 7.8

No workarounds available

Cisco Aironet ID: CSCvk42764

[CVE-2019-](#)

[1654](#)

This advisory describes a remote code execution vulnerability in the Cisco Aironet 802.11n Radio Shell.

Affected Products

Cisco AP-COS OS and Cisco Aironet 802.11n Radio Shell are affected by this vulnerability. The vulnerability is present in Cisco Aironet 802.11n Radio Shell versions 1.0 and later. The vulnerability is present in Cisco AP-COS OS versions 1.0 and later.

The vulnerability is caused by a buffer overflow in the handling of IEEE 802.11 frames. An attacker can exploit this vulnerability to execute arbitrary code on the target device. This vulnerability is rated as High severity.

The Cisco Aironet 802.11n Radio Shell is a software component that provides wireless connectivity for Cisco Aironet access points. It is used to manage the radio interface and handle wireless traffic. The Cisco AP-COS OS is a software component that provides the operating system for Cisco Access Points.

Impact

The impact of this vulnerability is that an attacker can execute arbitrary code on the target device. This could allow the attacker to gain full control over the device.

The Cisco Aironet 802.11n Radio Shell is a software component that provides wireless connectivity for Cisco Aironet access points.

The Cisco AP-COS OS is a software component that provides the operating system for Cisco Access Points.

- Aironet 1540 ã·ãf^aãf^{1/4}ã, °ã◆® AP¹
 - Aironet 1560 ã·ãf^aãf^{1/4}ã, °ã◆® AP²
 - Aironet 1800 ã·ãf^aãf^{1/4}ã, °ã◆® AP³
 - Aironet 2800 ã·ãf^aãf^{1/4}ã, °ã◆® AP
 - Aironet 3800 ã·ãf^aãf^{1/4}ã, °ã◆® AP

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Cisco Aironet 1100 AP

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APPENDIX

10 of 10

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cisco AIR-AP3802E-B-K9 ARMv7 Processor rev 1 (v7l) with 1030528/668540K bytes of memory.
Processor board ID RFDPP1BS497
AP Running Image : 8.3.102.0
Primary Boot Image : 8.3.102.0

Cisco WLC 1.2.0.1 CLI
Cisco WLC 1.2.0.1 CLI

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Cisco WLC 9.2.0f-9.2.1 | 9.3.0c | 9.3.1f-9.3.1g | 8.3.102.0

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<#root>

(wlc)>

show sysinfo

Manufacturer's Name..... Cisco Systems Inc.
Product Name..... Cisco Controller
Product Version..... 8.3.102.0
Bootloader Version..... 1.0.1
Field Recovery Image Version..... 6.0.182.0
Firmware Version..... FPGA 1.3, Env 1.6, USB console 1.27
Build Type..... DATA + WPS

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- Aironet 1530 ã,·ãfãf¼ã,ºã§ã® AP
- Aironet 1550 ã,·ãfãf¼ã,ºã§ã® AP
- Aironet 1570 ã,·ãfãf¼ã,ºã§ã® AP
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<https://www.cisco.com/c/en/us/products/end-user-license-agreement.html>

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Security Advisories and Alerts [1/4]

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Technical Assistance

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- cisco-sa-20190417-aironet-shell:Cisco

- [cisco-sa-20190417-wlc-csrf](#): Cisco Wireless LAN Controllerã,½ãf•ãf^ã,|ã,§ã,çã♦®ã,¬ãfã,¹ã,µã,¤ãf^ãf^ã,¬ã,“ã,¹ãf^ãf^ã,©ãf¼ã,ã,§ãf^ã♦®è,†å¼±æ€§
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- [cisco-sa-20190417-wlc-iapp](#): Cisco Wireless LAN Controllerã,½ãf•ãf^ã,|ã,§ã,çã♦®IAPPãf^ãffã,»ãf^¼ã,å‡’ç♦†ã♦«ã♦Šã♦’ã,
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<https://sec.cloudapps.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-20190417-aironet-shell>

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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。