

Cisco IOS XE

ROMMON Bootloader Vulnerability in Cisco IOS XE ROMMON



Cisco-SA-2020-3524 : cisco-sa-rommon-secboot-7JgVLVYC

[CVE-2020-3524](#)

Published: 2020-09-24 16:00

Version: 1.0 : Final

CVSS Score: 6.4

Workarounds: No workarounds available

Related Cisco IDs: [CSCuy11639](#) [CSCuy11815](#)

[CSCuw17929](#) [CSCuy11786](#)

Summary: A vulnerability in the ROMMON bootloader of Cisco IOS XE routers allows an attacker to bypass the boot password and gain access to the router's configuration.

Details

This vulnerability affects Cisco IOS XE routers running ROMMON version 1.0. The vulnerability is located in the boot password verification routine. An attacker can bypass the boot password and gain access to the router's configuration. The affected devices include Cisco ASR 920, Cisco ASR 1000, Cisco cBR-8, and Cisco IOS XE ROMMON. The vulnerability is identified by Cisco ID CSCuy11639 and CSCuy11815.

Impact: An attacker can bypass the boot password and gain access to the router's configuration. This could allow an attacker to change the router's configuration, including the boot password, and potentially gain access to the router's network.

Workarounds: No workarounds are available for this vulnerability.

References: [Cisco Security Advisory: Cisco-SA-2020-3524](#)

For more information, please visit the Cisco Security Center: <https://sec.cloudapps.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-rommon-secboot-7JgVLVYC>

Conclusion

This vulnerability is a high severity issue that affects Cisco IOS XE routers. It is important to update the router's firmware to the latest version to mitigate this risk.

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References: [Cisco Security Advisory: Cisco-SA-2020-3524](#)

- 4000 routers affected

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- ASR 920 ã, ·ãfãf¼ã, °ã, çã, °ãfã, ²ãf¼ã, ·ãf§ãf³ã, ðf¼ãf“ã, ¹ãf«ãf¼ã, ÿ
- ASR 1000 ã, ·ãfãf¼ã, °ã, çã, °ãfã, ²ãf¼ã, ·ãf§ãf³ã, ðf¼ãf“ã, ¹ãf«ãf¼ã, ÿ
- cBR-8 ã, ³ãf³ãf ãf¼ã, ãf%ã f-ããf¼ãf%ããf ãf³ãf%ããf«ãf¼ã, ÿ

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<#root>

router #

show platform | begin Firmware

Slot	CPLD Version	Firmware Version
0	14101324	
16.7(5r)		
1	14101324	16.7(5r)
R0	14101324	16.7(5r)
F0	14101324	16.7(5r)

router #

show rom-monitor rp active

System Bootstrap, Version 16.7(5r)

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Copyright (c) 1994-2019 by cisco Systems, Inc.

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Cisco IOS XE ROMMON	16.2(1r)
ASR 920	15.6(18r)
Cisco ASR 1000	16.2(1r)
cBR-8	16.4(1r)S

Team PSIRT

Cisco Product Security Incident Response

Team PSIRT

URL

https://sec.cloudapps.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-rommon-secboot-7JgVLVYC

Table

Version	Release	Product	Severity	Published
1.0	16.2(1r)	ASR 920	Critical	2020-SEP-24

Final

Final

翻訳について

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