

Product Notice #0508



Vulnerability Discovered in Communication between AudioCodes Devices and AudioCodes Redirect Service

A possible vulnerability was recently privately discovered and reported to AudioCodes regarding communication between AudioCodes' devices and AudioCodes Redirect Service. This vulnerability affects only Customers using the Redirect Service for provisioning their devices.

AudioCodes has taken immediate action to remediate the vulnerability.

Effective Date

Immediate

Vulnerability Details

Due to a limitation found in the authentication process during the connection setup between AudioCodes devices and AudioCodes Redirect Service, an attacker can guess the device's MAC address and obtain the URL of the Customer's provisioning server. This exposes a potential security risk of downloading the device's configuration file from the Customer's server.

Resolution

AudioCodes Redirect Service now supports mutual TLS authentication (mTLS). mTLS ensures that both the Redirect Service and the device (client) authenticate each other's identities before establishing a connection. This additional layer of authentication safeguards against unauthorized access, strengthening the overall security of the Redirect Service.

Important Notes

- By default, mTLS is disabled on the Redirect Service to allow currently deployed devices that may not have the appropriate TLS certificates to continue accessing and using the Redirect Service. However, AudioCodes strongly recommends that Customers enable mTLS.
- During Q4 2023, a new AudioCodes IP Phone firmware will be released to address additional minor issues that were discovered during this security vulnerability investigation. Therefore, AudioCodes strongly recommends Customers to always update their devices to the latest available version.

Affected Products

- IP Phone 4xx series:
 - 405 IP Phone
 - 405HD IP Phone
 - 420HD IP Phone
 - 440HD IP Phone
 - 445HD IP Phone
 - 450HD IP Phone
 - C435HD IP Phone
 - C450HD IP Phone
 - C455HD IP Phone
 - C470HD IP Phone
 - RX50 Conference Phone
- MTR devices (Android-based only):
 - RXV81
- Gateways:
 - MP-20x series
 - MSBR series
 - MediaPack 50x series
 - MediaPack 11x series
 - MediaPack 12x series

Announcement Date

August 8, 2023



If you have any questions, contact us at
<https://www.audiocodes.com/corporate/offices-worldwide>

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