

Product Notice #0514




Software Update for AudioCodes SBCs and Gateways *Latest Release (LR) Version 7.40A.500 Stream*

AudioCodes is excited to announce the release of a major software update for AudioCodes' Session Border Controllers (SBCs) and Media Gateways Latest Release (LR) - Version 7.40A.500.357.

Some of the key features introduced in this version are listed below. For a full description of this release, refer to the [Release Notes](#) on AudioCodes website.

This software update is available for download from AudioCodes [Services Portal](#) (registered customers only).

 Beginning 2024, AudioCodes plans to designate the 7.40.500 stream as the new 7.4 Long-Term Support (LTS) stream, replacing the current LTS stream - 7.40A.251. A product notice will be sent to announce this change. From that point on, AudioCodes will release LR versions with new SBC capabilities in the planned 7.6 stream.

Key Features

- **Full-ICE Support:** SBCs now support Full ICE functionality per RFC 8445. Up until now, SBCs supported ICE-Lite functionality. Full-ICE is typically used to implement local media optimization for Unified Communication deployments (provided it's supported by the UC vendor). For example, it allows optimized local RTP traffic for [SIP Gateway](#) in a Teams environment.
- **Enhanced Dynamic Transcoding:** To achieve the best voice quality while optimally allocating transcoding resources, SBCs can now dynamically switch voice coders during a call based on MOS scores, so that high voice quality (and computationally heavy) coders are prioritized for lower MOS calls. This version extends dynamic transcoding also to users not performing SIP registration for example, in WebRTC click-to-call use cases.
- **Load Balancing of SIPREC Servers (SRS):** SBCs can now distribute SIPREC traffic across multiple SIPREC servers using load-balancing policies such as round-robin, homing, or random weights, ensuring efficient utilization, high availability, and scalability for SIPREC traffic.
- **Increased SIP Accounts Capacity:** The maximum number of Accounts that can be configured in the Accounts table for Mediant VE/CE and Mediant 9xx SBCs has been increased from 1,500 to 5,000. This enhances the SBC multi tenancy support for service providers and hosters.
- **Alternative Routing for MSRP Calls upon Broken Connection:** SBCs can now route MSRP calls to an alternative destination if it detects that the MSRP media packet flow has stopped.

Affected Products

All software and hardware-based SBC platforms.

Announcement Date

October 11, 2023.



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

AudioCodes Ltd. | 1 Hayarden Street | Airport City | Lod | Israel | +972-3-976-4000

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