Software Update for AudioCodes SBCs and Gateways Latest Release (LR) Version 7.4A.600-2

Product Notice #0573

AudioCodes is pleased to announce the release of a software update for AudioCodes' Session Border Controllers (SBCs) and Media Gateways -- Latest Release (LR) **Version 7.40A.600.627**!

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).

Key Features

- **Security Enhancements:**
    - ✓ **Enhanced Security for SSH using SHA2-based Signatures** - The SBC's embedded SSH server for accessing the CLI now supports SHA-256 (rsa-sha2-256) and SHA-512 (rsa-sha2-512) signature algorithms for public-key client authentication that utilizes RSA keys.
    - ✓ **OAuth 2.0 Authentication for Remote Web Services** – SBCs can now authenticate HTTP/S requests to Remote Web Services using standard OAuth 2.0.
    - ✓ **TLS Client Certificate EKU Validation** – SBCs now allow optional validation of the clientAuth EKU in TLS client certificates, addressing industry changes where major CAs have begun issuing certificates with only the serverAuth EKU.

- **Message Manipulation Improvements:**
    - ✓ **More intuitive Message Manipulation Configuration** - To enhance user experience and simplify configuration and automation, users can now group related rules under a common parent and manage complex logic more efficiently.
    - ✓ **Increased Message Manipulation Capacity for Mediant SW and Mediant 9000** - The capacity of the Message Manipulation Sets and Message Manipulation tables has been significantly increased to support higher volumes of SIP message manipulations required in multi-tenant SBCs.
    - ✓ **Additional SIP Message Manipulation Sets per IP Group** - The IP Groups table now supports associating an additional set of SIP message manipulation rules for inbound and outbound SIP messages. Previously, each IP Group could reference only one manipulation set per direction. This enhancement allows for greater flexibility and reusability of manipulation logic. For example, you can apply a shared set of rules across multiple IP Groups, while also assigning IP Group-specific rules as needed.
    - ✓ **Message Manipulation Current Date and Time** - The Message Manipulation feature now supports automatically inserting the current date and time into SIP messages. This is particularly useful for adding timestamps to SIP headers in emergency (911) scenarios.
    - ✓ **Message Manipulation Function to Escape Special Characters** - The Message Manipulation feature now supports escaping the double quotes ("") and backslashes (\) special characters in SIP messages.

- **New Virtual Machines:**
    - ✓ **Mediant VE Support for Azure Dds_v5 Virtual Machine Series** – Software SBCs now support Azure Dds_v5 (D2ds_v5, D4ds_v5, or D8ds_v5) virtual machine series. These machines can be used as replacement for Azure DS_v2 and DS1_v2 virtual machines that are scheduled for retirement by Microsoft in May 2028.

- **Call Handling Interoperability:**
    - ✓ **Customized SIP Response Codes** –SBCs can now recognize and forward unknown SIP response codes with custom descriptions, improving interoperability with third-party systems using non-standard codes.
    - ✓ **Preserve SIP Route Headers** – SBCs can now keep incoming SIP Route headers intact in outgoing messages, supporting specialized non-standard applications that require original Route headers to be retained.

- **Debugging Enhancements:**
    - ✓ **Azure Blob Storage for Debug Recording Files** – SBCs now support automatic upload of debug recording files to a customer's Microsoft Azure Blob Storage container.

Affected Products

All software and hardware based SBC platforms

Announcement Date

August 17, 2025