WebRTC React Client

Version 2.6.5

WebRTC

audiocodes

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Abbreviations and Terminology

Each abbreviation, unless widely used, is spelled out in full when first used.

Throughout this manual, unless otherwise specified, the term *device* refers to the AudioCodes products.

Related Documentation

Document Name
WebRTC Android Client SDK API Reference Guide
WebRTC iOS Client SDK API Reference Guide
WebRTC Web Browser Client SDK API Reference Guide
WebRTC Click-to-Call Widget Installation and Configuration Guide
WebRTC Client Installation Manual
WebRTC Softphone Client Quick Guide
WebRTC Web Softphone User's Manual

Document Revision Record

LTRT	Description
14105	Initial document release for Version 2.4.8.
14106	Added Version 2.4.9
14107	Added Version 2.5.3
14108	Added Version 2.5.4
14244	Added Version 2.5.5
14246	Added Version 2.5.6
14244	Added Version 2.6.0
14249	Added Version 2.6.5

Software Revision Record

Version	Released Date
2.6.5	March 2025
2.6.0	November 2023
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2.4.7	November 2022
2.4.6	September 2022
2.4.3	July 2022
2.4.2	May 2022
2.4.1	April 2022

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1　Introduction

This document describes the software version releases for AudioCodes' WebRTC React client.

2   Released Versions

This chapter describes the released WebRTC versions.

2.1   Version 2.6.5

This version includes new features and resolved constraints only.

2.1.1   New Features

This section describes the new features introduced in this version.

2.1.1.1   Alert on Audio Device Disconnection (WEBRTCRE-771)

The client monitors the selected audio-input device and alerts whenever it changes. The client also monitors its reconnection, and any change the user makes to its selection in device settings.

2.1.2   Resolved Constraints

This section lists resolved constraints.

Table 1: Resolved Constraints in Version 2.5.6

Incident	Description
WEBRTCRE-765	The second ringtone is not audible (device not found).

2.2   Version 2.6.0

This version includes new features only.

2.2.1   New Features

This section describes the new features introduced in this version.

2.2.1.1   Video Support for Genesys Cloud (WEBRTCRE-659)

- The client performs video calls on the Genesys Cloud platform.
- The client allows the user to sign into the Genesys Cloud platform.
- The client allows the user to sign into multiple authentication providers.

2.3   Version 2.5.6

This version includes new features and resolved constraints only.

2.3.1   New Features

This section describes the new features introduced in this version.

2.3.1.1 Configurable No-Answer Timeout (WEBRTCRE-743)

The client can be configured to terminate a non-answered call after a specific time period, that is different than the default 60 seconds.

2.3.2 Resolved Constraints

This section lists resolved constraints.

Table 2: Resolved Constraints in Version 2.5.6

Incident	Description
WEBRTCRE-741	WebRTC not playing beep for incoming call.

2.4 Version 2.5.5

This version includes new features and resolved constraints only.

2.4.1 New Features

This section describes the new features introduced in this version.

2.4.1.1 Dual Registration for High Availability (WEBRTCRE-699)

The client can be configured to work with dual registration, where it manages parallel registrations to primary and secondary SBC URL lists. It swaps between them according to their availability, as well as handles calls arriving from each SBC.

2.4.1.2 Updated Incoming Call Sound File

The incoming call sound file has changed to a more typical phone ring and is considerably smaller in file size.

2.4.2 Resolved Constraints

This section lists resolved constraints.

Table 3: Resolved Constraints in Version 2.5.5

Incident	Description
WEBRTCRE-730	The ringtone for secondary ringing playback is not working.

2.5 Version 2.5.4

This version includes new features only.

2.5.1 New Features

This section describes the new features introduced in this version.

2.5.1.1 Enabling Focusing on the Browser Tab when Selecting Browser Notifications (WEBRTCRE-725)

You can now bring the browser tab into focus, for browser notifications delivered from the WebRTC client, when the notification is selected.

2.5.1.2 Agent Assist Bot Widget – Phase 1 (WEBRTCRE-704)

The Agent Assist module is now able to interact directly with an AudioCodes bot, which supports AI capabilities.

2.5.1.3 Client Configuration - Sync Cache with Configuration File Updates (WEBRTCRE-713)

The client is now able to update its server configuration settings, in response to changes in its server configuration.

2.6 Version 2.5.3

This version includes new features and resolved constraints only.

2.6.1 New Features

This section describes the new features introduced in this version.

2.6.1.1 Adjustments for Automated Testing – Selenium (WEBRTCRE-673)

Integrated capabilities to communicate events to the Selenium automated test platform.

2.6.2 Resolved Constraints

This section lists resolved constraints.

Table 4: Resolved Constraints in Version 2.5.3

Incident	Description
WEBRTCRE-703	Client does not release local Hold when receiving a reINVITE with direction of sendrecv.

2.7   Version 2.4.9

This version includes new features and resolved constraints only.

2.7.1   New Features

This section describes the new features introduced in this version.

2.7.1.1   Kore.AI Agent Assist Bot Integration (WEBRTCRE-649)

Integration with the Kore.AI bot framework.

2.7.2   Resolved Constraints

This section lists resolved constraints.

Table 5: Resolved Constraints in Version 2.4.9

Incident	Description
WEBRTCRE-645	MS-Technology/221222-000023 - Client OAuth handling for registration
WEBRTCRE-670	Exception when voice-output device selection is disabled in configuration.

2.8   Version 2.4.8

This version includes new features only.

2.8.1   New Features

This section describes the new features introduced in this version.

2.8.1.1   Configurable UI Elements (WEBRTCRE-592)

The following UI elements can now be included or excluded via client settings:

- Call history
- SIP display name
- Call buttons (greyed)
- Server configuration

2.8.1.2   Configure Auto Collapse of Calls List in GUI (WEBRTCRE-627)

The following improvements have been made to Auto collapse UI:

- Animation of expand and collapse of the calls list in GUI.
- Enabling or disabling collapsing the list.

2.8.1.3   Allow Secret ID in SIP Headers of SIP Requests (WEBRTCRE-597)

Client Identification Secret has been added to SIP headers.

Custom SIP headers can now be added to the following outgoing SIP messages:

- REGISTER
- INFO (for non-DTMF SIP INFO messages)
- INVITE
- re-INVITE for add / remove video
- Call answer
- Call reject
- Call redirect (currently not supported)

Configuration is a list of "header-name: header-value" elements.

> ⓘ In terms of security, the approach here is naive: The customer relies on the client site protected by basic authentication, so that the SIP traffic and configuration file are protected by the website credentials. Otherwise, it's completely non-secure.

2.8.1.4 Enable Language Customization for Client Texts (WEBRTCRE-607)

- Client texts can now be configured or modified, and language customization of the client can be enabled.
- Client's textual localization can now be configured, so that the date and time of text formatting can be adjusted accordingly.

2.8.1.5 Support for Custom Virtual Background Images (WEBRTCRE-613)

- In Virtual Background settings, image files can now be selected from the local file system for the virtual background image.
- Selected image files are stored in the client and can be used later.

2.9 Version 2.4.7

This version includes new features and resolved constraints only.

2.9.1 New Features

This section describes the new features introduced in this version.

2.9.1.1 Configurable Storage (WEBRTCRE-600)

■ Configuration to determine whether to use the browser's local storage or session storage.

■ Configuration to determine whether OAuth flow uses cookies to maintain a user login session across different browser sessions, even when not using local storage.

2.9.1.2 Adjustment for External Automation Tools (WEBRTCRE-630)

Tags have been added in HTML to allow access to HTML objects for automation usage.

2.9.2 Resolved Constraints

This section lists resolved constraints.

Table 2: Resolved Constraints in Version 2.4.7

Incident	Description
WEBRTCRE-377	Boundaries of window of a self-video.
WEBRTCRE-560	On mobile browsers, second video call "kills" previous video.

2.10   Version 2.4.6

This version includes new features only.

2.10.1   New Features

This section describes the new features introduced in this version.

2.10.1.1   Agent Assist Chatbot (WEBRTCRE-546)

A chatbot GUI feature has been added, which connects to the VoiceAI Connect's Agent-Assist service, using the calling context of WebRTC calls.

2.10.1.2   Media Device Selection (WEBRTCRE-541)

The audio/video device can now be selected:

- Detect available media devices in the system that are accessible to the browser.
- An optional user setting allows user to select audio and video input and output devices.
- For Citrix VDI integration, device selection is mandatory, and the client GUI forces the user to select media devices explicitly, to make or receive calls.

2.10.1.3   SDP Codec Filtering Configuration (WEBRTCRE-580)

The WebRTC React client can now be configured to include a list of audio and video codecs to remove or prioritize differently in SDP.

2.10.1.4   Virtual Background Video Filtering (WEBRTCRE-563)

The WebRTC React client now offers user settings to apply a background image filter to the video captured from camera.

2.11   Version 2.4.3

This version includes new features and resolved constraints only.

2.11.1   New Features

This section describes the new features introduced in this version.

2.11.1.1   Mobile Devices GUI Layout Support (WEBRTCRE-511)

The WebRTC React client can now work on mobile devices.

2.11.2   Resolved Constraints

This section lists resolved constraints.

Table 3: Resolved Constraints in Version 2.4.3

Incident	Description
WEBRTCRE-555	For hoteling, subscription has terminated (receive final notify).

2.12   Version 2.4.2

This version includes new features and resolved constraints only.

2.12.1   New Features

This section describes the new features introduced in this version.

2.12.1.1   Citrix Integration (WEBRTCRE-520)

Integration with Citrix is now supported. Use the Citrix SDK and the WebRTC Web SDK Version 1.17 to support streaming over Citrix's Virtual Desktop infrastructure. This connects audio and video streams captured from the local machine's media devices, over to our WebRTC web client running on a remote Citrix machine.

2.12.1.2   ACD Reason Codes (WEBRTCRE-533)

ACD reason codes are now supported. Mapping in the configuration file has now been added for the following:

- Not ready state (integer) > not ready reason (string).
- Add collapsible list to select a not-ready reason, which is populated from the mapping in the Configuration file.

2.12.2   Resolved Constraints

This section lists resolved constraints.

Table 4: Resolved Constraints in Version 2.4.2

Incident	Description
WEBRTCRE-496	On conference scenario, react client is left unable to hear others.
WEBRTCRE-530	WebRTC client does not remove spaces in dialed phone numbers.
WEBRTCRE-540	On Citrix, when clearing the data browser and reloading the page, a white page appears.

2.13 Version 2.4.1

This version includes new features and resolved constraints.

2.13.1 New Features

This section describes the new features introduced in this version.

2.13.1.1 WebRTC Authorization Token Integration (unibo)

- OpenID Connect flows using solutions other than Azure Active Directory, such as IdentityServer4.
- Manual management of access token expiration in the client, instead of relying on the MSAL-JS framework API.
- OAuth flow in which the SIP credentials are obtained from the actual user profile, instead of from the embedded contents of the ID token.

2.13.2 Resolved Constraints

This section lists resolved constraints.

Table 5: Resolved Constraints in Version 2.4.1

Incident	Description
WEBRTCRE-492	WebRTC client does not register with Edge browser.
WEBRTCRE-494	Client cannot perform SIP REGISTER without password.
WEBRTCRE-504	Issues with RTP, with C2C and re-Invite scenarios.
WEBRTCRE-507	Delay in answering calls in Version 2.4 of WebRTC React client.
WEBRTCRE-465	Problem with upgrading to Version 2.1 of WebRTC React client.
WEBRTCRE-483	AutoPlay policy: Handling GUI to eliminate no audio playback during call.
WEBRTCRE-486	WDE plugin installed attempts to uninstall only from the default location.
WEBRTCRE-499	Customer information not saved during call restore.
WEBRTCRE-500	How to clear WDE plugin cache.

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