

# Android SDK 1.1 release notes

Build	Date	Ticket	Notes	Hash
<a href="#">1.1.0.62</a>	15 Jan 2024	WCS-3997	Fixed: Android SDK - TWCC support	982cb80b40f0181a0c5a5df8c5940b2d237400af
<a href="#">1.1.0.61</a>	09 Oct 2023	WCS-3936	Fixed: Android SDK 1.1 - Audio Only Chat example. Docs: <a href="#">Android Audio Chat</a>	5f4134bf8b789ea33a5c944bc52e3a58af18e4b4
<a href="#">1.1.0.60</a>	04 Oct 2023	WCS-3843	Fixed: Android SDK 1.1: Update WebRTC library to the latest build	8114678857e98c390297cd809596fa09925282e3
<a href="#">1.1.0.59</a>	28 Nov 2022	WCS-3645	Fixed: Android SDK 1.1: Audio only stream publishing may crash on some devices	3f88b6c8b3676eeded2597abd28f7bb99525af13
<a href="#">1.1.0.58</a>	16 Aug 2022	WCS-3568	Fixed: Android SDK may crash on stream stopping	c116b1d6a3bb922a8be63443fa4094d55d0f7849
<a href="#">1.1.0.57</a>	13 Apr 2022	WCS-3426	Android SDK: 2 simultaneous connections issue. Docs: <a href="#">Android 2 Sessions example</a>	4d3e44c28a593f0d7a2cccce58830d79b9b5e80ac
<a href="#">1.1.0.56</a>	11 Apr 2022	WCS-3461	Fixed: Android SDK 1.1: Trust Manager vulnerability. Docs: <a href="#">Recommended: Add self-signed certificate to application resources</a>	fe4a086461161ae807693a31ae5cfc2bede72036

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<a href="#">1.1.0.55</a>	02 Jan 2022	WCS-3379	Fixed: Android SDK: update examples to support targetSdk 31. Docs: <a href="#">Building examples with Gradle / Android Screen sharing</a>	fb076271d08bdd6190eef70052e27c714230c1d8
<a href="#">1.1.0.49</a>	29 Dec 2021	WCS-3392	Added: Android SDK: add keepAlive and authToken session options support. Docs: <a href="#">Connection to an existing session / Android Phone</a>	42f057360b2864653f12b6d5b4747616cd6510b0
<a href="#">1.1.0.47</a>	07 Dec 2021	WCS-3363	Added: Android SDK: get available camera resolutions. Docs: <a href="#">Android Camera Manager</a>	a3eff89324cc535a4a4d1544000d554ef369de15
<a href="#">1.1.0.46</a>	07 Dec 2021	WCS-3339	Fixed: Android SDK: GPUImage low performance while publishing more than 320x240 stream. Docs: <a href="#">Android Camera Manager</a>	1f67959fd3b390ef46e0f67d741f1f926580d492
<a href="#">1.1.0.45</a>	26 Oct 2021	WCS-3155	Added: Android SDK: Text message broadcasting to stream subscribers via Stream Event. Docs: <a href="#">Sending JSON data to stream subscribers</a>	e0ea20273567026ea17d658fcd3e8746716daf7e
<a href="#">1.1.0.44</a>	29 Sep 2021	WCS-3295	Fixed: Android SDK: apps minor issues	7a0e208e9f98c666d9960a31f4cee5f1a6fec87f

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<a href="#">1.1.0.43</a>	29 Sep 2021	WCS-3308	Fixed: Android SDK: Camera manager: PNG overlay may crash if picture coordinates are empty	df527428ed15dfd50f9f5a6ba9a99f07bc07e14e
<a href="#">1.1.0.42</a>	20 Aug 2021	WCS-3177	Added: Android SDK: Video picture zooming and PNG overlay support while publishing a stream. Docs: <a href="#">Android Camera Manager</a>	17cb652e207d1e8029d8d81539c3eecd5a211
<a href="#">1.1.0.41</a>	12 Aug 2021	WCS-3273	Fixed: Android SDK: catch WebSocketNotConnected and call onDisconnection callback	144585313606c4c87ce88102610aa080982c8203
<a href="#">1.1.0.40</a>	05 Aug 2021	WCS-3279	Fixed: Change WCS URL to demo.flashphoner.com	ab96eebc692379d84794258b2c2e9d31c02829f9
<a href="#">1.1.0.39</a>	04 Aug 2021	WCS-3275	Fixed: Android SDK: get stream muted/unmuted state in onStreamStatus for new playing stream. Docs: <a href="#">Receiving stream status after stream subscription</a>	24feceaf4ca998bb0e84eb81c96a3b683c5abec6
<a href="#">1.1.0.37</a>	30 Jul 2021	WCS-3225	Added: Android SDK: maxBitrate, minBitrate constraints for publishing. Docs: <a href="#">Publishing bitrate constraints support</a>	6cfbf814ffecd352575b4a6fbbc82bc6f2f96f04

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<a href="#">1.1.0.36</a>	23 Jul 2021	WCS-3246	Fixed: Android SDK 1.1: Possible race condition in Flashphoner.init()	628b018c5bebc70b111c5d2095704961306048e3
<a href="#">1.1.0.32</a>	22 Jul 2021	WCS-3251	Added: Android SDK: mixer stream event support. Docs: <a href="#">Mixer incoming stream status detection while playing a mixed stream</a>	2a7382f7fb0ee84530be6e33cc571e70bd424b40
<a href="#">1.1.0.31</a>	14 Jul 2021	WCS-3148	Android SDK 1.1: MediaDevices app crash on camera and mic test on Android 11. Docs: <a href="#">Microphone testing and sound level receiving</a>	33d5e66d34338e988c28b8f9a26d20b559964504
<a href="#">1.1.0.30</a>	13 Jul 2021	WCS-3197	Fixed: Android SDK: Google Pixel 3 playback issue	dba984ddb56f25f05af16ccc2856e4e1f03aa16c
<a href="#">1.1.0.29</a>	08 Jul 2021	WCS-3125	Android SDK: StreamEvent support. Docs: <a href="#">Audio/video track status detection: muted/unmuted</a>	f09485830de166c7a2157bd5b310a0564c53c21f
<a href="#">1.1.0.28</a>	08 Jun 2021	WCS-3093	Added: availableStream support in SDKs	e1b286fbc6ff8f752c336ba84be117f892d9a4e4
<a href="#">1.1.0.27</a>	19 May 2021	WCS-3151	Added: Android SDK: GPUImage support	83f1231e1355ca9acd2108e6fc88872fe1a968d8
<a href="#">1.1.0.26</a>	14 Apr 2021	WCS-2805	Added: Android SDK: CameraCapturer customization	62910ecf5641184b59c1da84165d906063eb6534

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1.1.0.24	09 Apr 2021	WCS-3135	Fixed: Android SDK: MCU client example, Mixer MCU audio only latency	c10326464feb d1e87f7be70e 1dbf78affa494 433
1.1.0.22	16 Feb 2021	WCS-3064	Fixed: Android SDK 1.1: audio only stream fails by video RTP activity, audio is not sent	14d4a387cbbf bb771426d86f 3f542f1a0c4a 4712
1.1.0.21	16 Feb 2021	WCS-3062	Added: Android SDK: transport option for Stream object	c266197dfa80 ff6ec00a53a2 793f331a4946 f057
1.1.0.20	04 Feb 2021	WCS-2918	Added: Android SDK: channel quality control support	d9d6248fd3c3 3879efb52bac 133b05bce353 5433
1.1.0.19	02 Feb 2021	WCS-3053	Fixed: Android SDK: audio output does not go to bluetooth headset	0ebe66964488 5c9719d4a848 0a39e25c22ad 5c63
1.1.0.18	25 Jan 2021	WCS-3040	Fixed: Android SDK: X509TrustManager security issue	16779ab53d99 489a3f924058 fbd40083acd5 5013
1.1.0.17	04 Jan 2021	WCS-2446	Fixed: Android SDK: Media Devices: application crash on stop after camera switch	946deaad913a 3c0d956d1be0 70071bba4fdf 88ab
1.1.0.16	13 Nov 2020	WCS-2923	Added: Android SDK: WebSocket basic authentication	5c20ab006b2b cf25cad4ff34e b2afd4955b1b 16a
1.1.0.13	02 Oct 2019	WCS-2283	Fixed: Use speakerphone in Android SDK applications	10895ac8ee0a 1c231a2c4c5e 03dab3b3579b 223c
1.1.0.12	02 Sep 2019	WCS-2212	Fixed: Android sound management issues	166c9ab490b9 210d8f9fcc55f 8c1ab60c86e6 65d

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<a href="#">1.1.0.11</a>	29 Aug 2019	WCS-2234	Added: Screen capture in Android SDK	8641cba605e3 bef7148dc467 46a0299f4548 cc91
<a href="#">1.1.0.7</a>	15 May 2019	WCS-1988	Fixed: Add constant NO_AVAILABLE_TRANSCODERS in to SDKs	
<a href="#">1.1.0.4</a>	22 Jan 2019	WCS-1691	Fixed: Update WebRTC for Android SDK	a9ac2772167e 44090a6054e0 d03a1d56d8bb 9e92