

Release notes

Build	Date	Notes	Hash
5.1.3 779	21 Mar 2019	WCS-1857 Fixed: Media ports leak	3d8505228f565f641989aee6e2459b7d8a78419c
5.1.3 778	13 Mar 2019	WCS-1794 Fixed: Error "Failed to encode compound RTCP packet to send"	e1331ed373901b6f7f3350e25a671df78a4c24cd
5.1.3 777	25 Feb 2019	WCS-1801 Fixed: Port leaks during frequent play() requests in high load	cf211e8121a637e91a6f3e3c11ee18aa577feadc
5.1.3 769	21 Feb 2019	WCS-1789 Fixed: Rework Agent listeners	77b2f1429157c5ec592ba0607de80dd6fe320080
5.1.3 762	14 Feb 2019	WCS-1776 Fixed: Established SIP call terminated after auth failure	1319c3c2603eb25439a7a2bd63004367835f6e65
5.1.3 760	13 Feb 2019	WCS-1779 Fixed: RTMP playback - suppress sound on demand	c6ae3f32ce2385f1117f63b63068dae6fc58f399
5.1.3 758	12 Feb 2019	WCS-1780 Fixed: playStream lock on stress load, leaking sessions due getLogger NPE, no media ports available error	8f7b0c17553d307cb2b1c1d9e333ae41c2a47466
5.1.3 757	11 Feb 2019	WCS-1763 Fixed: Replace indexes in RTMP audio and video tracks	d297430e5b94de35a3926541ca8d1ac51445d65e
5.1.3 756	11 Feb 2019	WCS-1751 Fixed: CDN node authentication	6e48a3ee37e3a29689f770870fd73acc5f59ea6e
5.1.3 753	06 Feb 2019	WCS-1777 Fixed: Bitrate management via constraints and on server side does not work	0b5a0a9e7851fd3ba46db178f419eae38c72db35
5.1.3 751	01 Feb 2019	WCS-1727 Added: Inject mp4 into SIP leg WCS-1762 Added: VoD live loop	860137a1c8d99679bb60634a396a8f09c3402e2c
5.1.3 740	30 Jan 2019	WCS-1731 Fixed: RES memory leak in FDK AAC decoder	3a3ea27812fdf1d5285a341194b90de3f22c96d8
5.1.3 739	30 Jan 2019	WCS-1715 Added: Transcoder node and CDN 2.1	587a752db56851506f0b402da048bd9b84fc6199
5.1.3 738	30 Jan 2019	WCS-1755 Fixed: CDN stream playback start takes a long time	c6ee281a29a089b2a34a4689cbd08ac25a44d950
5.1.3 734	25 Jan 2019	WCS-1745 Added: RTMP stream picture rotation by metadata	a3c568fd989f8a3da23fd4e7b3be2447e75fa570
5.1.3 730	23 Jan 2019	WCS-1744 Fixed: VOD: no audio stream	d372d6bcfe378127bf48844e89b8ab81f069796d
5.1.3 728	14 Jan 2019	WCS-1719 Fixed: Internal REST hook backend does not work when disable_rest_auth=false	123c6e21a5410e8aac1468302ad4f25d8bd91e43
5.1.3 726	07 Jan 2019	WCS-1670 Fixed: call/startup: G.722: NPE when call is answered	4bcc63a4089bb661f0adda94dd6f52cf42a1adcd
5.1.3 725	06 Jan 2019	WCS-1714 Fixed: CDN: WebRTC as RTMP (AAC): unsynchronized, video freeze	8be74ad9c63c4f07630ffe50531921bdac622ffc
5.1.3 724	28 Dec 2018	WCS-1702 Fixed: RTSP with AAC sound by default	258e8d1af5c28ea9a44a7fcb6dd2ecb486d132db
5.1.3 723	28 Dec 2018	WCS-1703 Fixed: CDN: stream published on Origin is not pulled to Edge for playback as RTSP	93e1bd25376ff0e85c7d7af1e17d53755ce9ebf7
5.1.3 721	27 Dec 2018	WCS-1682 Added: RTSP server SDP settings	01ad0d7a187ea8ddb243b5d4da0554fc162e0fb4
5.1.3 720	27 Dec 2018	WCS-1661 Added: Server threads optimizations	3110ceb597cc0e796b8383f201109ef2935e072d
5.1.3 714	20 Dec 2018	WCS-1667 Fixed: RTMP connections failed on Origin WCS-1684 Fixed: Port leak hls_auto_strat=true, VOD	246238244c1af08deb2910186e530a8a747e618f
5.1.3 711	19 Dec 2018	WCS-1666 WebRTC over TCP candidate	ec1c01bbccddd8ea7d053008944daa854c7cbc4f
5.1.3 707	17 Dec 2018	WCS-1665 Fixed: Canvas Streaming example	e87643c8a8ada79543bac616a80221a3123e334b
5.1.3 704	14 Dec 2018	WCS-1654 Fixed: Flash Video Chat fails to work with RTMP	1f43161d7f93968fa6a547642d66f59699c26e7b
5.1.3 702	14 Dec 2018	WCS-1675 Fixed: Flash Streaming client issues	30fe00fcf16555d22cc607c88d76b8a3a57c8dfe
5.1.3 701	14 Dec 2018	WCS-1602 Fixed: Mixer with stream republished from AMS: mixer recording stops when the stream is unpublished	bad243dbdd056851c5e1327356ed1ef6fa9dbb07

5.1.3 699	13 Dec 2018	WCS-1677 Fixed: TURN server does not work with Firefox	f926b951baf12fb232a6d5f721cbb0764d14e782
5.1.3 696	12 Dec 2018	WCS-1663 Fixed: Setup RTMP read/write timeouts on RTMP connection level	5f44e56aba1f82df87a0d2b25778d1ee5276d534
5.1.3 695	12 Dec 2018	WCS-1672 Fixed: Plivo.com SIP issues	9f44171be890a8f5913e19ff93ba7e26c07fa104
5.1.3 694	11 Dec 2018	WCS-1455 Added: FDK AAC support	c5a2457f453f116d3cd85db855ab23f8bfa47766
5.1.3 692	11 Dec 2018	WCS-1669 Fixed: call/startup: audio-only: "IllegalArgumentException: Codec not found" in log	0deda6e6f20f4a87a7fb0daea163dcc32f46505d
5.1.3 688	10 Dec 2018	WCS-1657 Fixed: Add methods playRTSP and playHLS to manager	00f13d800466c26ae1dff8bbcbca80a79c71f8cb
5.1.3 687	10 Dec 2018	WCS-1634 Fixed: CDN, RTMP H264+AAC, broken HLS playback on Edge	9ae049fa6ab91fa15806b4d2954896cc4ab2c6fc
5.1.3 686	09 Dec 2018	WCS-1625 Fixed: Do not gather system stats upon ?action=stat if system parameters were not passed	9ce10847d6e195561b7fc593f94078332f053811
5.1.3 682	06 Dec 2018	WCS-1655 Fixed: OOM on some Edge servers	3cf727b3cfa44e1608cb99a88f7731f94c610b0c
5.1.3 681	06 Dec 2018	WCS-1624 Fixed: FLV mixer issues	45861692ed6f0a1ec6e5f70f555017b0abc1f496
5.1.3 680	04 Dec 2018	WCS-1643 Fixed: playHLS, playRTSP, play - adjust to one view	72ec64fc2bcf579deafa9b7cd900dc6297f6fcad
5.1.3 679	04 Dec 2018	WCS-1637 Fixed: stats=true: data is not displayed	62d4fbdf1f35ccbfb5601729ea28c4fd0eb67df
5.1.3 674	30 Nov 2018	WCS-1648 Fixed: Add setting rtmp.server_write_socket_timeout	9b5b684ac81a1c7e62d7a38e0c3a2c2433faacf9
5.1.3 673	30 Nov 2018	WCS-1639 Detect if Chrome sends empty video due to conflict in cams: rtp activity timer for video	0aa22e18741957900baf639865830db570458695
5.1.3 670	29 Nov 2018	WCS-1606 Added: RTSP server authentication over REST Hooks	ce432d126b6e5c3d3539769b768da425bedaaf58
5.1.3 669	29 Nov 2018	WCS-1568 Fixed: REST Overwrite does not work for flashStreamingApp	45b2ab2b40ee04e70114e0a9a2a7fe5d834af8c5
5.1.3 667	29 Nov 2018	WCS-1627 Added: Static data on HLS ports	d133b6b1bfd3fa4709882a015ac32ed92c28363
5.1.3 666	29 Nov 2018	WCS-1591 Fixed: WCS check for OpenJDK version	50df8f053988f7c9aebe99b744b406331f8e51f3
5.1.3 665	26 Nov 2018	WCS-1631 Fixed: Netstat, pmap, etc, every 3 seconds loop	5c34e10b08a7a5eca11e3f6bde9a938215cfec1c
5.1.3 664	26 Nov 2018	WCS-1593 Fixed: Missing priority_outside_codecs setting	ee289d75f7a57b986926f40937ecaa4cf57d6e46
5.1.3 662	26 Nov 2018	WCS-1632 Fixed: 3656 Deadlock on AgentFactory	7f34ded348f15540824255f73f9886d591ffe3b9
5.1.3 661	23 Nov 2018	WCS-1626 Fixed: Wrong settings values at flashphoner.properties after 'save node-settings'	7bd2a20120eba2de19b7440ae396fcea03f51920
5.1.3 660	23 Nov 2018	WCS-1606 Added: RTSP server authentication over REST Hooks	824dd34d09ab8d0159ffdc87fffd35bd4bc8769c
5.1.3 658	23 Nov 2018	WCS-1586 Fixed: Mixer custom layout	ae3e42381c9559a79e28fb8017521e30c379ad01
5.1.3 656	21 Nov 2018	WCS-1603 Fixed: Broken snapshots	c89df1ade515d826aaef1e006e6f3d3398d21c69
5.1.3 655	21 Nov 2018	WCS-1621 Fixed: Playback with transcoding: no video or slide show	772777d1bba2dcd58cf101fa8a7a92b15ec8b91a
5.1.3 652	20 Nov 2018	WCS-1618 Fixed: Add setting hls_access_control_headers for cross domain HLS	6744d667225517bdf6231bc6da73dab40ee9adfb
5.1.3 649	19 Nov 2018	WCS-1610 Fixed: RTMP AAC - wrong transcoding	d555ec70041df80ec92b9eaab1408a228f7540aa
5.1.3 648	19 Nov 2018	WCS-1611 Fixed: Stream may be not auto added to mixer	5a90e69f7cd4e0b616573b92665a8c6c5ed4c295
5.1.3 647	19 Nov 2018	WCS-1612 Fixed: Mixer output records distortion	9b35c1c25879ba3d8e29719c029b52a6dfe91a04
5.1.3 642	15 Nov 2018	WCS-1598 Fixed: Transcoder startup: keyFrameInterval is not applied	5d3711cf91d2ad78261c08a0ff9624b765e676fe

5.1.3 641	15 Nov 2018	WCS-1535 Fixed: RTMP from FFmpeg: unsynchronized in recording and in mixer	248b5c4c40bb6584f040de7775245e4fac3eaf26
5.1.3 640	14 Nov 2018	WCS-1596 Fixed: Memory Leak in heap on RTMP streams 720p	22a876407422247ef54de3763b47eca f0d2776a7
5.1.3 636	13 Nov 2018	WCS-1567 Fixed: Incoming call to Firefox: not established when answered	951cdd7f838c10a8dd39d998b407fed af2db1423
5.1.3 634	12 Nov 2018	WCS-1585 Sorenson Spark (flv) support in mixer recording to mp4	bb7d0be96d566a3b6d7c3f2d9199fd9 b69569438
5.1.3 633	09 Nov 2018	WCS-1588 Fixed: Leaked sessions	0bf090056f00f8e05448e12ee2bd5ab 4352b24f2
5.1.3 628	06 Nov 2018	WCS-1562 Transcoder Agent over Media Session WCS-1584 Fixed: Mixer, webrtc publisher black screen, no video	c2ebfa0e9d83a6dbd24923b61e51c32 4741faa4e
5.1.3 626	05 Nov 2018	WCS-1555 RTSP stream should be registered in CDN	8dacf8d87033eba745295d8eba31c5f b9b673cfa
5.1.3 625	05 Nov 2018	WCS-1583 Fixed: 5.1.3603 - memory issues, CMS GC	fb2cc838181a93746d96c5e129dd552 22bac521e
5.1.3 624	02 Nov 2018	WCS-1284 HLS authentication via REST Hooks	6305bdf46743256cfe3540e8d0822a 5c6f4d1c4
5.1.3 621	01 Nov 2018	WCS-1553 Added: REST API, terminate all subscribers WCS-1578 Pass header to INVITE request and 200 OK response	3b75c92082fab2b10336a5b00dae41 4964d23e8d
5.1.3 617	31 Oct 2018	WCS-1553 Added: REST API, terminate all subscribers	61074eb54e57befed693edc8ba8c1e3 dc56491eb
5.1.3 616	30 Oct 2018	WCS-1571 Fixed: Excessive exception info in status event	d18de2aa4d4fb8e84bc3b3eb73cfe7e fb0fde3db
5.1.3 611	29 Oct 2018	WCS-1569 Mixer - how to adjust zero paddings	7cd1c7d4c475b1cff6112cef5b718354 548ffb02
5.1.3 608	25 Oct 2018	WCS-1552 Fixed: Suppress WARN exception to INFO as normal behavior	47b1e73b3031c51c65b722a47b1808 b59968c051
5.1.3 605	25 Oct 2018	WCS-1566 Fixed: Rtmp decoder/encoder timestamp handling	5e6b8c6f6a78ed8985f2900e3e1a08e 87b9daf92
5.1.3 603	24 Oct 2018	WCS-1559 Fixed: Add setting rtmp_appkey_source=default	2dc5ba0110af15dc70478c3cd1c33fa 2f3e09819
5.1.3 602	22 Oct 2018	WCS-1554 Fixed: Delight Player + HLS playback	f9e909f108e8c49574ec11cce0041e4 57423bccc
5.1.3 601	22 Oct 2018	WCS-1548 Fixed: Chrome 70: publish WebRTC with audio constraints: Failed to execute 'setRemoteDescription' on 'RTCPeerConnection'	a713b1ee8f692c34c051992e5f4c2d5 6814b3b34
5.1.3 600	19 Oct 2018	WCS-1543 Fixed: RTMP publishing stops	a713b1ee8f692c34c051992e5f4c2d5 6814b3b34
5.1.3 599	17 Oct 2018	WCS-1546 Fixed: Publishing as RTMFP doesn't work	0112e467c21db563ea7641f31e98595 c8fd4e4ae
5.1.3 598	16 Oct 2018	WCS-1528 Fixed: ffprobe on RTMP stream which does not exist	f7ee8e6e0b7298a4193ea1860a14ecc a26546110
5.1.3 597	16 Oct 2018	WCS-1540 Fixed: RTMP publish, parse stream name query string	09064b459f83dda58e326636855439 bb2b489396
5.1.3 595	16 Oct 2018	WCS-1541 Fixed: RTSP connection issue	b305f357bfd27ec08a950299cfdbbc9 34bc2f12
5.1.3 593	16 Oct 2018	WCS-1545 Fixed: Setting webrtc_cc_min_bitrate does not work	37b04bf8a73aa84d1eb515fe1dff8390 23644cd8
5.1.3 592	15 Oct 2018	WCS-1536 Fixed: REST methods added with CLI are not saved to database.yml	562aac10c6e8144f491da9a9393ff5b0 f9be532c
5.1.3 591	14 Oct 2018	WCS-1523 Fixed: WCS Core hangs with "Stun receiver Incoming buffer exhausted" in logs	e9e1cecdcd778f094c57e4ba82cc981 0702791fe
5.1.3 589	12 Oct 2018	WCS-1527 Added: RTMP playback, parameters should be passed to custom object for auth	e0f54353c5f9c95342da01d08d7f2a11 80c992c6
5.1.3 587	11 Oct 2018	WCS-1520 Fixed: Unsynchronized audio in recording of RTMP stream WCS-1525 Fixed: WebRTC as RTMP to Facebook: NPE on ending live video from Facebook	04ffae2a4c7ac919c710436ba0922cb b6d8481a8
5.1.3 586	10 Oct 2018	WCS-1516 Fixed: Double report log on SIP unregister	2abf4753086a1b773a91ca0668d334a 1594d2424
5.1.3 584	09 Oct 2018	WCS-1496 Fixed: ffmpeg to HLS, no video in iOS Safari without transcoding	b471586d70c6fb41523a01fcc0799a9 defe18c60
5.1.3 583	09 Oct 2018	WCS-1514 Fixed: SipUserAgentListener: "Can not create SipCall" NPE	a9f04ac8afb54960ca29af0ce92d7d5e c80d070d

5.1.3 582	08 Oct 2018	WCS-1518 Fixed: RTMP play can't parse query string	7a3fb2d98ee13cba5975a3aabdf0bbff 395e92a5
5.1.3 578	03 Oct 2018	WCS-1505 CDN - disconnected edge stays PASSED and never removed from routes	bfebcb60f5c58e24a4c19d17d8ed76e3 deef1bf41
5.1.3 577	02 Oct 2018	WCS-1512 Incoming SIP call does not work in case there are additional parameters in Request-URI	248a6a6fb33c67bb49bf37b1de67312 9b611c2f0
5.1.3 575	01 Oct 2018	WCS-1420 Added: Set streaming_video_decoder_fast_start=false by default WCS-1499 Fixed: Black screen in mixer output stream	98c8a3ee1eee5230ac592de04762c1 2a944548a4
5.1.3 571	27 Sep 2018	WCS-1344 Fixed: Stun: IllegalArgumentException: Could not create HMAC-SHA1 request encoding WCS-1346 Force transcoding disabling	258de2ed18ae727f2ee094a318403f1 a37c87f6e
5.1.3 568	26 Sep 2018	WCS-1373 Fixed: SIP calls: unrequired audio transcoding	e7ec309f6470938e7003c82c876b974 be3f02ee4
5.1.3 567	26 Sep 2018	WCS-1420 Added: Set streaming_video_decoder_fast_start=false by default WCS-1495 Added: Set disable_manager_rmi=true by default	56b3361d9c5aea4574ad8ecde74cea 6a7c460938
5.1.3 566	26 Sep 2018	WCS-1485 Fixed: Migrate default apps from Manager to Core WCS-1498 Fixed: Manager startup failed on first run	a7dbe841bc2b0e13ca5d8c084f45eff5 13c4ed78
5.1.3 560	25 Sep 2018	WCS-1490 Fixed: keep_alive.enabled is broken WCS-1491 Fixed: NPE on StreamStatusEvent	3c7f8ba2cb9faf6e3e03943f2e8e9e6c 26278975
5.1.3 557	24 Sep 2018	WCS-1484 Fixed: REST events duplicating "history" field	0347279bafd16dfaa4d2e8be860fdd4 7eaca1c25
5.1.3 550	21 Sep 2018	WCS-1411 Fixed: No video in flash or mixer stream pushed as RTMP	348f6800b3880a8de09376e3d17fe4e 95009f79a
5.1.3 549	21 Sep 2018	WCS-1239 Fixed: RTMP stream from FFmpeg, wrong audio quality in some circumstances	161ee454678974462feee0b432f27dd 29966f2ec
5.1.3 546	19 Sep 2018	WCS-1465 Fixed: Inject sound to RTMP stream: playback issues	3c4b262a4b0d8bca81c14dde862088 894847d202
5.1.3 545	19 Sep 2018	WCS-1460 Fixed: Illegal Access Exception on manager start	cf50e4ca566a12256eecbde4f30e0fb3 54a32be2
5.1.3 544	19 Sep 2018	WCS-1470 Fixed: RTSP as HLS: playback freezes	1a959a32b56cd80b31f43ebd28382ff af541a43d
5.1.3 543	19 Sep 2018	WCS-1479 Fixed: Bitstream analyse RTSP, H.264, changed scene, freeze	fbcb3050159c44e68c4a2fa264464a37 e4267a8be
5.1.3 539	18 Sep 2018	WCS-1393 Mixer issues, desktop mixing, artifacts, distortion each 3-5 seconds WCS-1458 Fixed: Transcoding to OpenH264: WebRTC as WebRTC in Safari: video freeze	732ae6fc2d4555858a701e26f7dea03 c0c03d534
5.1.3 533	18 Sep 2018	WCS-1481 Fixed: push WebRTC as RTMP: video is distorted	392cfc66f7c62c0a2ac759335f73d1e9 7498e5d0
5.1.3 532	17 Sep 2018	WCS-1459 Fixed: Transcoding to OpenH264: playback as HLS: video artifacts and freeze	a054bb1c9cfac58c44cb64d6de730cf 76ed63030
5.1.3 531	16 Sep 2018	WCS-1467 Fixed: RTMP recording sync issues	566d2f57ad7610f8fa5d0f7622aaefcc9 547fe39
5.1.3 529	13 Sep 2018	WCS-1446 Fixed: RTSP or pulled RTMP as WebRTC: uneven playback in Firefox	761a93b908c5d8f2bf313c51eaf2054f 9662be7a
5.1.3 528	11 Sep 2018	WCS-1462 Fixed: ICE port already in use	ffd238595824488c6b2184ca4a80ef68 b4b30afa
5.1.3 527	11 Sep 2018	WCS-1471 Fixed: Server startup fails at transcoder initiation	6f565ec62aee7e0073db4844662bce0 f3fc0890c
5.1.3 526	11 Sep 2018	WCS-1450 Fixed: May stop recording a stream	82f00a1db69fa40c5b7e5c607fca075a 5d933533
5.1.3 524	10 Sep 2018	WCS-1444 Fixed: pulled RTMP can't be played as HLS	2a78399bf544a90b7792640113de4bf 55df21d43
5.1.3 520	06 Sep 2018	WCS-1403 Fixed: Synchronization lost in mixer stream	5f4b9afa174dc397185dc933cf23d60 006386639
5.1.3 511	04 Sep 2018	WCS-1443 Fixed: Issues with SIP as Stream, push, sound_on	ebcbd3628aba5ea472cb91e6ae3d17 e1a3e7efa7
5.1.3 507	03 Sep 2018	WCS-1157 Fixed: CDN: playback of video-only stream terminated on RTP ACTIVITY	88a767914c59833475f05f020767752 2dc5182cc
5.1.3 506	03 Sep 2018	WCS-1439 Fixed: Enable debug logs on demand by sessionId	d076dfb5ea83f0631a762dfa5c1cda9 05e818fa
5.1.3 503	03 Sep 2018	WCS-1400 Fixed: Transcoder2 c/c++ code refactoring	ef10f7983dd56849facbcbdb66f73d5a1 638595ed
5.1.3 502	03 Sep 2018	WCS-1307 Fixed: Recording issues and loops	a50742b0520e1fb58b63589e3ba4bd 62c26277c4

5.1.3 499	31 Aug 2018	WCS-1440 Fixed: Two SSL certificates and two different domains for 1 server	64b95ccc0b464ab2d706807ab6efa7e 821d0ac5f
5.1.3 497	30 Aug 2018	WCS-1328 Fixed: RTMP transponder metadata has to indicate if republished stream is audio-only or video-only	71a936c44294f0d10bc333baddf6473 244e2b444
5.1.3 496	29 Aug 2018	WCS-1431 Added: Add REST Hook Secret Key to sign REST requests	ff6892a5a1b5735494272c60bf3a549f fad96e4
5.1.3 489	27 Aug 2018	WCS-1432 Fixed: No such method exception on /availableStream REST hook	d6986aa4eaae00da77d9ab03a6a4dc 0245780325
5.1.3 488	24 Aug 2018	WCS-1433 Fixed: REST Hooks 5.1, direct methods should decline on 4xx response	d6a076a03d2ad258c346493db273ac 089154c728
5.1.3 487	24 Aug 2018	WCS-1347 Fixed: Broken PCMU sound playback over RTSP	ebfba59dddfa0faa8e84fbc18ed1c012 0357647f
5.1.3 485	24 Aug 2018	WCS-1428 REST hook, /StreamStatusEvent 5.1 does not complain 5.0	fc285d0ba7e72878d23efaa2520d70e a264d67b7
5.1.3 483	23 Aug 2018	WCS-1423 Fixed: ConcurrentModificationException when RTSP connection closed	5ec65e5f9fe50ab3e317b1f0f2341f9f8 6c25b2f
5.1.3 480	23 Aug 2018	WCS-1426 Fixed: Incorrect node_id generation WCS-1427 REST hook StreamStatusEvent, exception on 200 OK with empty body	d28093c724ed2ce92db13482e2db8a 46236ea8e9
5.1.3 474	21 Aug 2018	WCS-1417 Fixed: libff_decoder.so crash	91e33516ee6a700c024f885e8aed437 09d7676a3
5.1.3 473	21 Aug 2018	WCS-1416 Servers do not see each other in CDN 2.0	e066994e19b3614a708914da0478a3 e7fa1f29e0
5.1.3 472	21 Aug 2018	WCS-1160 Fixed: SIP. User-Agent changes between INVITE and 200 OK	898a4625a0e9cb63055d46ae4617 665f387855
5.1.3 470	17 Aug 2018	WCS-1337 Fixed: Issues with pulled RTMP streams in video mixer	4599ad7bd6a41cc4002d0e9db0c9ec 0795d11a65
5.1.3 468	17 Aug 2018	WCS-1398 Fixed: Decoder synchronization list leak	84854c2689286672286a802648b29 28cd5de417
5.1.3 467	17 Aug 2018	WCS-1382 Fixed: sip-as-rtmp doesn't get FINISH status WCS-1386 Added: SipUserAgentHelper - don't use random generating contact WCS-1407 REST API - move old REST 1.0 API to Node WCS-1410 Fixed: Stun receiver - Incoming buffer exhausted - results in Out of Memory WCS-1413 Added: Implement mixer output buffer	c023066237c39feda8333bde1ccc1bc 940451202
5.1.3 460	16 Aug 2018	WCS-1382 Fixed: sip-as-rtmp doesn't get FINISH status	c3af5bbacf079edeca279d137ab1dcc b557e9826
5.1.3 459	15 Aug 2018	WCS-1375 Scheme with mixer M1 for SIP and mixer M3 for recording.	38110195ad34d2ed703f8331400cc67 44c3f52fb
5.1.3 457	15 Aug 2018	WCS-1386 Added: SipUserAgentHelper - don't use random generating contact	93c8f26476c3486ebe683898dcf5bd0 701ef63e3
5.1.3 454	15 Aug 2018	WCS-1388 Fixed: Audio only, record rotation does not work	da508260a793d6c624debcae447d43 9b84a5e778
5.1.3 441	14 Aug 2018	WCS-1371 Mixer audio latency, inject_stream choppy WCS-1378 Added: Node database.yml - keep passwords in md5 WCS-1379 Fixed: WebRTC as HLS: may stop writing new segments WCS-1383 Fixed: Playback as HLS: sound distortions	ef265076a03df66eff4e0912a0ae3080 788555a1
5.1.3 427	10 Aug 2018	WCS-1376 Added: Return 308 Permanent Redirect on 8888 and 9091 application/json	3d15bf92cba5957de5bc5b33e4f7fd1 d33dc7a60
5.1.3 426	10 Aug 2018	WCS-1377 Added: Add setting to switch core REST API authorization off by default for examples to work	e0d5f7cdf6b7cfeaa02f1ab0a7b29a2f b6e204a8
5.1.3 422	09 Aug 2018	WCS-1379 Fixed: WebRTC as HLS: may stop writing new segments	4f8537d821925e97942612998220bb b62ab3c73b
5.1.3 421	09 Aug 2018	WCS-1384 Fixed: Transcoding to OpenH264: no video if set the same resolution as that of the stream	02387d1a19f1b6a803285df169a30a5 33e1884f5
5.1.3 415	07 Aug 2018	WCS-1302 Fixed: Check TWCC work in latest Chrome browser	563991fd257ef8a79277bc5bb903766 d987d2ef2
5.1.3 413	06 Aug 2018	WCS-1354 Fixed: Custom watermark is not displayed	976d0740a3c6d2e7ff0f732a2af812bc 4aaddf2a
5.1.3 412	06 Aug 2018	WCS-1363 HLS stops with FF WebRTC	7c1329f84e08a09a3fad664f30eee227 4738f4f6
5.1.3 410	03 Aug 2018	WCS-1360 Call dropping, webrtc-sip-gateway	6e00fa818f970fd8355b3ea9f4274c84 e02b1eea
5.1.3 406	02 Aug 2018	WCS-1370 Add setting enable_empty_shift_writer=false, disabling empty shift recording by default	386570f5611b334e3d8c077def09dfd 00aa4921b
5.1.3 401	31 Jul 2018	WCS-1362 SIP exclude g722 no audio	ef336c199e55bd09f4c14dc9a486412 b9c434d56

5.1.3 400	31 Jul 2018	WCS-1368 Fixed: Stop WCS before uninstallation	1dd5e387c680753c6a610ed5e2f6ebe3ab538d21
5.1.3 398	31 Jul 2018	WCS-1351 Slash in sessionId: server crash on failure to create record file with name containing sessionId	07011a364c497a4f1723256d88af68356b6bdbb15
5.1.3 392	30 Jul 2018	WCS-1105 Separating node from manager with transferring REST and CLI handlers to node	63daa7680aa3caa1512aac61b86a0e18f4d432fd
5.1.3 388	29 Jul 2018	WCS-1357 Setting does not work on_record_hook_script	9c27748beacbdd8a727adabea7d46585010254e9
5.1.3 381	27 Jul 2018	WCS-1307 Recording issues and loops	6e4e24a99292f60336280eb5c6fcd44c2cffb991