

# RTMP-egress retirement checklist

One page. Audit what to remove from your delivery surface before cutting RTMP egress in 2026.

## 1. Origin and packaging

- Confirm origin server transcodes the incoming RTMPS contribution stream into fragmented MP4 segments.
- CMAF packaging in place (single fMP4 segment source, two manifests).
- HLS manifest exposed on the origin (RFC 8216 v7+ compliant).
- DASH manifest exposed on the origin (ISO/IEC 23009-1:2022 compliant).
- Segment duration chosen and documented (2-6 s for HLS; 1-4 s for LL-HLS).
- Origin shielding / tiered caching configured if audience > 50 k concurrent.

## 2. CDN surface

- RTMP-distribution endpoint listed in the CDN console — flagged for deletion.
- All RTMP playback domains drained: zero new requests for 7 consecutive days.
- HLS / DASH delivery domains live behind the same CDN; cache hit ratio measured  $\geq 95\%$  steady state.
- Multi-CDN posture reviewed if applicable — RTMP was probably single-CDN; HTTP delivery is trivially multi-CDN.
- CDN cost model rebaselined — HTTP delivery is typically 3-10 $\times$  cheaper per GB than RTMP-aware egress.

## 3. Player and client

- Web player migrated to hls.js, Shaka Player, dash.js, Video.js or THEOplayer — no Flash dependency.
- iOS / tvOS playback uses native HLS via AVPlayer.
- Android playback uses ExoPlayer (HLS or DASH).
- Smart-TV apps (Tizen, webOS, Roku, Vidaa, Android TV, Fire TV) updated to HLS or DASH client.
- Legacy native apps with an embedded RTMP client identified, given an end-of-support date or replaced.
- If sub-second latency is required, WHEP endpoint added in addition to HLS/DASH — NOT in place of.

## 4. Observability and analytics

- QoE analytics (Conviva, Mux Data, Bitmovin Analytics, Datazoom, NPAW or in-house) wired to the new HLS/DASH player events.
- RTMP-egress dashboards retired or marked deprecated.
- Real-user monitoring confirms rebuffer ratio  $\leq$  baseline for 14 consecutive days on the new stack.
- Logs from the new HTTP edges feed the existing alerting; alert thresholds rebaselined.

## 5. Security and DRM

- All ingest is RTMPS, not plain RTMP, on the contribution leg (delivery leg has no RTMP at all).
- Common Encryption (ISO/IEC 23001-7) and multi-DRM (Widevine, FairPlay, PlayReady) packaging confirmed if content is licensed.
- Tokenised / signed URLs in place on the HTTP edge to replace any RTMP-stream-key access control.
- Geo-blocking and concurrent-stream limits ported from the RTMP-era logic to the HTTP edge.

## 6. Cutover plan

- Rollback path exists and is tested — DNS or load-balancer flip back to the legacy egress within 5 minutes.
- Communication sent to remaining RTMP-playback users with a deprecation date and a migration link.
- Final RTMP-egress shutdown date approved by product, ops, finance and legal.
- Post-cutover review scheduled at T+7, T+30 and T+90 days.