

# 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

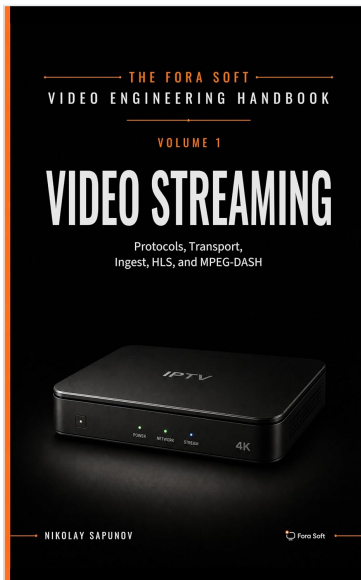
- ☐ QoE analytics (Conviva, Mux Data, Bitmovin Analytics, Datazoom, NPAW or in-house) wired to the new HLS/DASH player events.
- ☐ RTMP-egress dashboards retired or marked deprecated.
- ☐ Real-user monitoring confirms rebuffer ratio  $\leq$  baseline for 14 consecutive days on the new stack.
- ☐ Logs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



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This checklist audits origin, CDN, players, analytics and DRM before you switch off RTMP egress. Volume 2 covers the delivery side you are moving to: packaging with HLS, MPEG-DASH and CMAF, segment protocols, live and VOD workflows, and how ingest feeds the origin.

### WHAT YOU WILL FIND INSIDE

- HLS, MPEG-DASH and CMAF packaging
- Segment duration and live latency
- Ingest to origin workflows
- QUIC and HTTP/3 delivery

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