PlayReady-on-Samsung Migration Runbook — 4.8 (2026)

Fora Soft Learn

A server-side migration: the Samsung TV's PlayReady client is firmware-fixed at its model year, so you upgrade the license server, not the TVs. Engineering guidance; PlayReady versions, the revocation endpoint, and Samsung cohorts change — re-verify live before cutover.

1 · WHAT CHANGED — PLAYREADY 4.8 (11 JUN 2026)

- ☐ **New revocation list, new URL** (aka.ms/revinfo2). The answer to the 2025 leak of SL2000/SL3000 device certificates.
- ☐ **.NET Framework fully deprecated** on the Server SDK — migrate license handlers to .NET Core / .NET 8+.
- ☐ **'Revoked query' switch** added to the Server SDK to simulate a revoked device in test.
- ☐ **No extra Microsoft fee** to upgrade the Server SDK to 4.8.

2 · SERVER-SIDE MIGRATION STEPS

- ☐ **Inventory** — Server SDK version, .NET runtime, revocation URL, Samsung model-year spread.
- ☐ **Upgrade** to Server SDK 4.8; move the handler to .NET Core / .NET 8+.
- ☐ **Repoint** 4.8 servers to the new revocation URL; keep the old URL only for 4.7-and-earlier.
- ☐ **Enforce** the new list (block leaked certs); keep issuing to genuine, non-revoked devices.

3 · THE MODEL-YEAR CIPHER MAP

- ☐ **2008–2017 (PR 1.x–2.x)** — cenc only. No cbcs, no SL3000.
- ☐ **2017–2019 (3.x)** — cenc; cbcs rare (validate per model); some SL3000.
- ☐ **2019–2021 (3.x–4.x)** — cenc; cbcs improving; SL3000 common. Dual or cenc.
- ☐ **2022–2026 (4.x)** — cenc + cbcs; SL3000 common. cbcs viable.

4 · REAL-DEVICE TEST MATRIX

- ☐ **Test across model years**, not just models (Samsung per-year specs + model groups; Remote Test Lab).
- ☐ **Rehearse revocation** with the 4.8 'revoked query' — confirm fail-closed for a blocked cert.
- ☐ **Validate the cipher** each cohort plays — through your app's path (AVPlay or EME), not the convenient one.
- ☐ **Cover one panel per cipher band**; never trust the emulator for firmware DRM.

THE TWO FAILURE MODES OF THE REVOCATION URL — MEMORIZE

A PlayReady 4.8 server pointed at the OLD revocation URL fails CLOSED: the Server SDK throws an error, no license is issued, and the viewer sees a black screen — loud and obvious. A 4.7-or-earlier server pointed at the old URL fails OPEN: no error, but it offers 'fewer protections' and may keep handing licenses to devices the latest list would block — silent, and visible only in a studio audit. Verify the URL on every server before cutover. Do not ship a cbcs-only catalogue: it excludes the pre-2019 Samsung TVs that play only cenc. The TVs receive no PlayReady update — the client is firmware-fixed at the model year. Confirm current PlayReady versions, the revocation endpoint, and Samsung cohort behavior live; they change.



GO DEEPER · THE 7-VOLUME HANDBOOK

Fora Soft Video Engineering Handbook

Seven volumes, 9,000+ pages: encoding, streaming, audio and AI for video products — from the pixel to production.

By Nikolay Sapunov, CEO at Fora Soft · Kindle & paperback on Amazon

Browse the handbook on Amazon →

This runbook covers what changed in PlayReady 4.8, the server-side migration steps, the Samsung cipher map and the device test matrix. We wrote seven volumes on the video stack. Volume 3 covers DRM, players and smart-TV playback, Volume 2 covers packaging with cenc and cbcs, and Volume 1 covers encoding.

WHAT YOU WILL FIND INSIDE

- DRM license servers and policy
- cenc versus cbcs in CMAF packaging
- Smart-TV players and DRM clients
- Device test matrices for playback

THE FULL HANDBOOK · 7 VOLUMES · 9,000+ PAGES · ALL ON AMAZON

Vol. 1 · Video Encoding — pixels and color to H.264, HEVC, AV1, quality metrics and AI

Vol. 2 · Video Streaming I — network transport, contribution and ingest, HLS, MPEG-DASH, CMAF

Vol. 3 · Video Streaming II — ABR, CDNs, players, WebRTC, DRM and the economics of delivery

Vol. 4 · Audio for Video I — PCM, codecs, loudness, accessibility, real-time voice processing

Vol. 5 · Audio for Video II — jitter buffers, lip sync, Atmos, quality metrics, neural codecs

Vol. 6 · AI for Video I — models and inference, computer vision, speech, search, generative video

Vol. 7 · AI for Video II — real-time pipelines, agents, serving, cost, compliance, verticals

Migrating your PlayReady server to 4.8 without breaking older Samsung TVs?

We will upgrade the license server, repoint revocation, and run the cutover against a real-device matrix per model year. 250+ video products shipped since 2005.

Book a 30-min call → **WhatsApp →** **Email us →**