

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

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.

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.

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.