

EN/ABEL Sprint 2 Runbook

Phone Nodes + Sentinel Surrogate. Cumulative gate: Sprint 1 (020-027) must still PASS.

Devices

- PHONE-A1 - your first Samsung (local phone node)
- PHONE-A2 - your second Samsung / Sentinel surrogate
- PHONE-B1 - Joe's Samsung
- PHONE-C1 - Tony / Iqbal Samsung
- Pi HomePod 001 + Node 5 (anchor, from Sprint 1)
- MacBook Node 6 (optional, federated proof)

Cumulative gate (locked)

- Sprint 1 chips 020-027 must show PASS in /ddrr/uat Cumulative Proof Stack.
- Proof 025 renders PASS · SIM by design - hardware Wi-Fi-down is opt-in only.
- sprint2-regression.sh reruns sprint1-regression.sh first; aborts on any Sprint 1 fail.

What Lovable ships in Sprint 2

- Tables: phone_nodes, sentinel_surrogate_chunks (hash-chained), federated_cell_sessions, proof_expectations.
- APIs: /api/public/phone/register, /phone/heartbeat, /sentinel-surrogate/chunk, /sentinel-surrogate/verify, /cell/federated.
- Dashboards: /ddrr/uat/phones (provision + pairing codes), /ddrr/uat/sentinel-surrogate (chain viewer).
- Cumulative Proof Stack: Sprint 2 row with 028-054 chips, locked until Sprint 1 is PASS.
- Harness: scripts/verify/sprint2-regression.sh + nightly CI job after Sprint 1.
- APK stubs: PhoneNodeRegister.kt, SentinelSurrogate.kt, FederatedCellClient.kt.

What is NOT in Sprint 2 (deferred to Sprint 3)

- Mobifon APN provisioning, Tier B / Tier C native paths.
- Real Sentinel body-worn camera hardware, Tower / Jetson node, Sat-hybrid bearer.
- Cross-cell proofs (055-080).

Sprint 2 proof catalogue (028-054)

SOFTWARE proofs run automatically. HARDWARE proofs are marked skipped until you run them with phones.

Local phones - PHONE-A1 / PHONE-A2 / surrogate

028	PHONE-A1 register	SOFTWARE
029	PHONE-A2 register	SOFTWARE
030	PHONE-A1 <-> HomePod pair	SOFTWARE
031	A1<->A2 sovereign chat	HARDWARE
032	A1<->A2 local voice	HARDWARE
033	A1<->A2 local video	HARDWARE
034	Surrogate record (PHONE-A2)	SOFTWARE
035	Sealed chunk chain	SOFTWARE
036	Tamper detect	SOFTWARE
037	Merkle anchor	SOFTWARE

Tony / Iqbal PHONE-C1 + Joe PHONE-B1 + Joe Node

038	Tony APK install	HARDWARE
039	Tony pairing code	HARDWARE
040	Tony dashboard visible	HARDWARE
041	Tony mesh chat	HARDWARE
042	Tony dashboard reply	HARDWARE
043	Joe B1 register	HARDWARE
044	Joe B1 dashboard visible	HARDWARE
045	Joe Node token captured	HARDWARE
046	Joe Node Bluetooth pair	HARDWARE
047	Joe B1 <-> RNode link	HARDWARE

Federated cell (5 devices) + Sprint 2 gate

048	Federated cell created	HARDWARE
049	Group chat across cell	HARDWARE
050	Group voice (IP)	HARDWARE
051	Group video (IP)	HARDWARE
052	Proof export per device	HARDWARE
053	Tier A assisted reattach x3	HARDWARE
054	Sprint 2 regression gate	SOFTWARE

Operator quick path

- 1. Open /ddrr/uat/phones. Provision PHONE-A1/A2/B1/C1, copy each pairing code.
- 2. Install APK on each phone from <https://enabel.uk/ddrr/uat/apk>.
- 3. Enter pairing code in the APK. Watch the status flip to 'paired'.
- 4. Trigger surrogate recording on PHONE-A2; verify chain at /ddrr/uat/sentinel-surrogate.
- 5. Run sprint2-regression.sh (or click the dashboard button). Confirm Sprint 1 still PASS.
- 6. Once all phones paired, run the federated-cell test and post results via /api/public/cell/federated.