

Open tasks — dependency graph

Open tasks dependency graph — alpha critical path

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Source: `OPEN_TASKS_GRAPH.md` — section links work in PDF viewers that support internal anchors.

Removed from graph (done)

ID	Note
0.1	Stream dump
3.x	Auth register + verify + TOTP + migration 008
4.x	RSSH alpha — BE + Android + JSch
4.wg	WG lab — BE wg0, FE + router DNAT persist
RBAC (core)	Admin panel + lockout clear
Browser	JS syntax validated; validate_be_services.sh
1.1 / 1.2	Graphs drill-down, columns, full-width (shell - -graphs-full)
5.3	RSSH API validate — test_rssh_api.sh OK on BE
Infra doc	20260608_BE_SERVICES_and_infra.md + PDF

Postponed / off graph (DNS + mail)

ID	Owner	Note
2.1–2.4	Developer	DNS / forwards — postponed
2.5	Agent	SMTP — frozen
5.4 (mail)	Agent	Auth mail E2E — frozen

Priority tiers (open only)

Tier	IDs	Alpha blocker
P4	5.1 OTA, 5.2 URLs, 5.5 RBAC UI soak	Yes
P5	6.1–6.6 app LAN	LAN alpha
P9	9.x landing (excl. globe FR)	No
Post-alpha	SFU relay (feature/sfu-relay)	No

Dependency graph

```
flowchart TB
  subgraph P4["P4 – backend alpha"]
    OTA["5.1 OTA channel<br/>SVC-OTA · HTTP 400"]
    URL["5.2 device URLs<br/>SVC-URL · legacy host"]
    RBACV["5.5 RBAC UI soak<br/>API ✓"]
  end

  subgraph P5["P5 – app LAN · dev"]
    A61["6.1 Opus/Speech"]
    A62["6.2 LAN soak"]
    A63["6.3 lifecycle"]
    A64["6.4 rotation"]
    A65["6.5 audio lag"]
    A66["6.6 stream analysis"]
  end

  subgraph P9["P9 – landing"]
    L9["9.x hub cards<br/>no globe FR"]
  end

  subgraph POST["Post-alpha · hidden"]
    SFU["SFU / Janus relay<br/>feature/sfu-relay"]
  end

  FULL["FULL_ALPHA<br/>no DNS/mail"]

  OTA --> FULL
  URL --> FULL
  RBACV --> FULL
  A62 --> FULL

  A63 <--> A64
  A65 --> A66

  SFU -. -> FULL

  style FULL fill:#1e3a5f,color:#fff
  style OTA fill:#991b1b,color:#fff
  style URL fill:#b45309,color:#fff
  style SFU fill:#e5e7eb,color:#374151
```

Task index (open)

ID	Owner	Depends on	Status
5.1	50/50	nginx OTA path	Open — SVC-OTA ticket
5.2	50/50	—	Open — SVC-URL / settings.json base
5.5	Agent	RBAC API ✓	Light UI soak (optional)
6.1–6.6	Developer (~99%)	0.1 ✓	Open
9.x	Agent (low)	—	Open (globe out of scope)
SFU	Agent	owner spec	Hidden preview on feature/sfu-relay

Critical path

```

BLOCKER: 5.1 OTA nginx (/v0/ota/ on apps.f0xx.org) ■■■■
SHARED: 5.2 production URLs (apps not f0xx.org) ■■■■■■■■ FULL_ALPHA
OPTIONAL: 5.5 RBAC UI click-through ■■■■■■■■■■■■■■■■■■■■
DEV: 6.2 LAN soak ■■■■■■■■■■■■■■■■■■■■■■■■■■■■■■■■■■■■■■■■

Off graph: 2.x DNS/mail (postponed)
Parallel: 6.1/6.3-6.6, 9.x (no globe), SFU post-alpha

```