

# Tickets, Gitea, and alpha smoke delegation

From TICKETS\_ROADMAP.md

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*Source: TICKETS\_ROADMAP.md — section links work in PDF viewers that support internal anchors.*

## Gitea (/app/androidcast\_project/git/)

Public URL should return Gitea HTML (assets under /app/androidcast\_project/git/assets/...).

**If clone/push fails while the page loads:**

1. **Clone URL** must include the subpath, e.g.

`https://apps.f0xx.org/app/androidcast_project/git/<owner>/<repo>.git`

2. **Gitea** app.ini on BE (:3000):

`ROOT_URL = https://apps.f0xx.org/app/androidcast_project/git/`

`DOMAIN = apps.f0xx.org`

3. **FE** nginx.conf ~983–996: `proxy_pass http://artc0.intra.raptor.org:3000/`; only works if Gitea is configured for that subpath (your HTML manifest suggests it is).

4. **BE**: Gitea must listen on 10.7.16.128:3000 (or 0.0.0.0:3000); no extra nginx required unless you proxy git through :80 too.

Symptom checklist: 502 → Gitea down; broken CSS → ROOT\_URL wrong; 401 on push → credentials / token; 404 on clone → remote path missing subpath.

## Alpha smoke tickets (typical DB id → block)

Ingest order from tmp/alpha\_smoke\_round1.txt (skips pure “pass” rows):

| id (typical) | Block    | Theme                                                   | Delegation                                                          |
|--------------|----------|---------------------------------------------------------|---------------------------------------------------------------------|
| 1            | A3       | PIN/cast OK; <b>rotation + preview NOK</b>              | App: sender preview / rotation crash                                |
| 2            | A4       | Video OK; <b>frame drops, low res, few TX losses</b>    | App: UDP/encoder quality; monitor NDK only if native crashes appear |
| 3            | A5       | Audio works; <b>laggy sound</b>                         | App: AAC pipeline / jitter buffer                                   |
| 4            | A6       | Notification resolution                                 | Often lower priority (pass with notes)                              |
| 5            | A7       | Stop OK; <b>wrong lifecycle</b> (resume, notifications) | App: CastForegroundService, notification intents, task stack        |
| 6            | A9       | Repeat soak; <b>lifecycle</b> again                     | Same as #5                                                          |
| 7            | (manual) | <b>Delegation / process</b>                             | Console: assignees, workflow, comments (this doc)                   |

Confirm ids in UI (title contains Alpha smoke A3 etc.).

## Console features (implementation)

| Feature                                                           | Status                    |
|-------------------------------------------------------------------|---------------------------|
| Workflow state (triage → in_progress → blocked / wont_fix → done) | Migration 004 + UI        |
| Assignees (0..n users, chip picker)                               | assignees_json + API      |
| Comments (thread on ticket)                                       | ticket_comments + API     |
| Email notify reporter                                             | Nice-to-have later        |
| <b>Attachments</b> (files + links)                                | Migration 005 + ticket UI |
| <b>Google Suite</b> (OAuth, embed, Chat/Meet hooks)               | Phase 2 — see below       |

## Attachments (deploy)

```
mysql -u root -p androidcast_crashes < examples/crash_reporter/backend/sql/migrations/005_ticket_attachments.sql
```

```
chown -R www-data:www-data examples/crash_reporter/backend/storage
```

- **Links**: paste HTTPS URL; Google hosts auto-tagged (Docs, Sheets, Slides, Drive, Meet, Chat, Forms).
- **Files**: stored under backend/storage/ticket\_attachments/{ticket\_id}/, download via `/api/ticket_attachment.php?id=...`

## Google Workspace — phase 2 (not implemented)

Requires Google Cloud project, OAuth consent, service account or user OAuth:

| Product                | Integration idea                                 |
|------------------------|--------------------------------------------------|
| Docs / Sheets / Slides | Picker API → attach link + optional embed iframe |
| Drive                  | File picker + shared-drive ACL                   |
| Meet                   | Attach recording link after call                 |
| Chat                   | Webhook or Chat API for ticket updates           |
| Gmail                  | Optional notify assignees                        |

Until then, **paste share links** — the console labels them and opens in a new tab.

**Deploy migration (MariaDB, as root):**

```
mysql -u root -p androidcast_crashes < examples/crash_reporter/backend/sql/migrations/004_ticket_workflow.sql
```

## Agent / engineering queue (from your list)

1. **#1 (A3 NOK)** — Reproduce rotation + preview crash; separate from PIN path.
2. **#5 / #7 / #6 (lifecycle)** — Audit cold start, recents, notification tap, stop/receive; align with alpha A7/A9.
3. **#3 (laggy audio)** — Measure end-to-end latency sender → receiver; tune buffer / sync.
4. **#2 (TX losses)** — Log UDP gaps; recovery already OK — reduce loss if easy win.
5. **NDK** — Only if crash console shows native reports for these sessions.

Use ticket **comments** for findings; set **workflow** + **assignees** when you hand off.

## Open tasks dependency graph

**Master plan:** 20260608\_ALPHA\_PRIORITIES.md

**Diagram:** OPEN\_TASKS\_GRAPH.md

**Dev DNS help:** tmp/20260608\_help\_request.md