

# Android Cast — documentation index

From README.md

## Table of contents

[All documents](#)

[By topic](#)

[Infrastructure and deploy](#)

[Development process](#)

[Alpha and QA](#)

[Backend apps](#)

[Product and codecs](#)

[Agent bootstrap](#)

[Maintaining TOCs](#)

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

Click a link to open a guide. Section links jump within the document (GitHub, Cursor, and most Markdown previews).

All documents

| Document                                  | Summary                                                          |
|-------------------------------------------|------------------------------------------------------------------|
| 20260602_REVERSE_SSH_proposals_summary.md | On-demand remote access (WG/SSH/file API) proposals.             |
| ALPHA.md                                  | Alpha feature freeze, QA sign-off, defaults.                     |
| ALPHA_SOAK.md                             | Short LAN soak checklist for demo validation.                    |
| AV_QUALITY_QA_SESSION.md                  | AV enhancement Q&A: sender vs receiver pipelines.                |
| BUILD_DEPLOY.md                           | Docker CI, staging OTA, builder console deploy.                  |
| COMMERCIAL.md                             | Developer-gated ads / IAP toggles.                               |
| CRASH_REPORTER.md                         | Anonymous crash upload (app + backend).                          |
| GIT_FLOW.md                               | Branches (master / next), release, hotfix, dual remote.          |
| GRAFANA_vs_others_graphvis_pivot.md       | Custom graphs vs Grafana decision memo.                          |
| INFRA.md                                  | Production topology: Gentoo FE → Alpine BE, ports, nginx, sshfs. |
| OPEN_API.md                               | Crash ingest API design, triage tags, heuristics.                |
| OTA.md                                    | OTA channel layout v0, manifests, MQTT, publish flow.            |
| PRO_AAR.md                                | cast-core / cast-pro AAR split and Play Billing.                 |
| REMOTE_ACCESS_IMPL.md                     | WireGuard v1 impl + deploy                                       |
| REMOTE_ACCESS_VALIDATION.md               | Linux CLI suite + mobile parity                                  |
| ROADMAP.md                                | Implementation roadmap, alpha definition, deferred work.         |
| TICKETS_ROADMAP.md                        | Tickets console, Gitea, attachments, agent queue.                |
| USB_HDMI_CAST.md                          | Roadmap D/E: HDMI awareness, USB-tether transport.               |

By topic

Infrastructure and deploy

- INFRA.md — FE/BE topology, nginx, ports (\$1 Topology)
- BUILD\_DEPLOY.md — Docker CI, builder (\$Docker CI)
- OTA.md — OTA v0 layout (\$URL layout)

Development process

- GIT\_FLOW.md — master / next (\$2 Branches)
- ROADMAP.md — milestones (\$Alpha definition)

Alpha and QA

- ALPHA.md — freeze and sign-off (\$Alpha scope)
- ALPHA\_SOAK.md — LAN soak (\$Happy path)

Backend apps

- CRASH\_REPORTER.md — crash upload
- OPEN\_API.md — ingest API (\$Upload API)
- TICKETS\_ROADMAP.md — tickets + Gitea
- GRAFANA\_vs\_others\_graphvis\_pivot.md — graphs pivot
- 20260602\_REVERSE\_SSH\_proposals\_summary.md — remote access (\$Rev. 3 Q&A)

Product and codecs

- COMMERCIAL.md — ads / IAP
- PRO\_AAR.md — Pro AAR split
- USB\_HDMI\_CAST.md — HDMI / USB-tether
- AV\_QUALITY\_QA\_SESSION.md — AV enhancement Q&A

Agent bootstrap

After a context reset, read in order:

1. INFRA.md — topology (no :8089 for androidcast)
2. GIT\_FLOW.md — branch rules
3. Task-specific: BUILD\_DEPLOY.md, TICKETS\_ROADMAP.md, 20260602\_REVERSE\_SSH\_proposals\_summary.md, etc.

Repo root AGENTS.md points here.

## Maintaining TOCs

Section links use GitHub/Cursor-style heading anchors. After adding or renaming `##` / `###` headings, run:

```
python3 scripts/generate-docs-toc.py
```