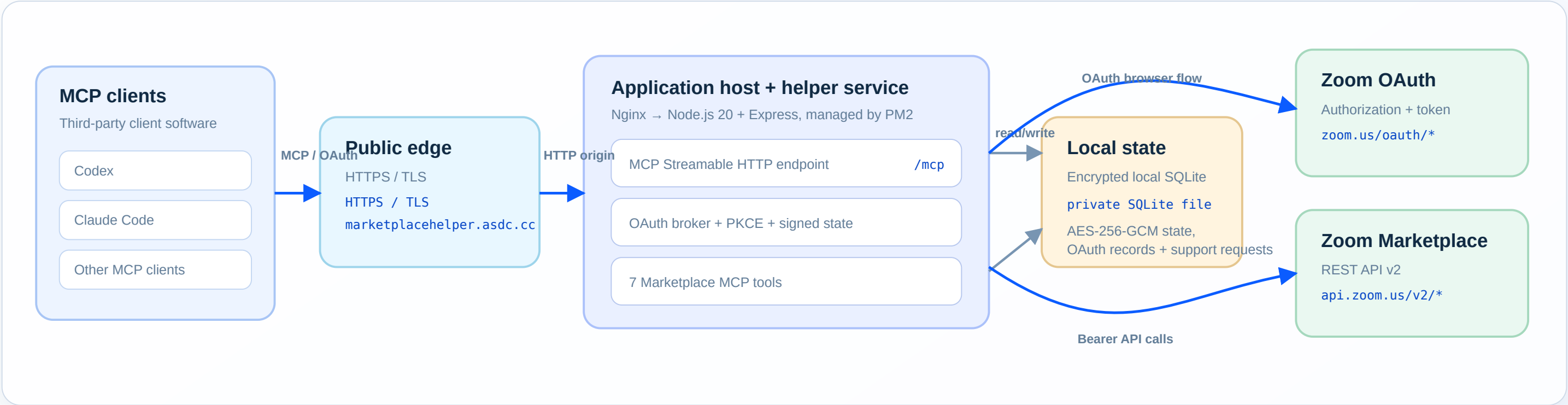


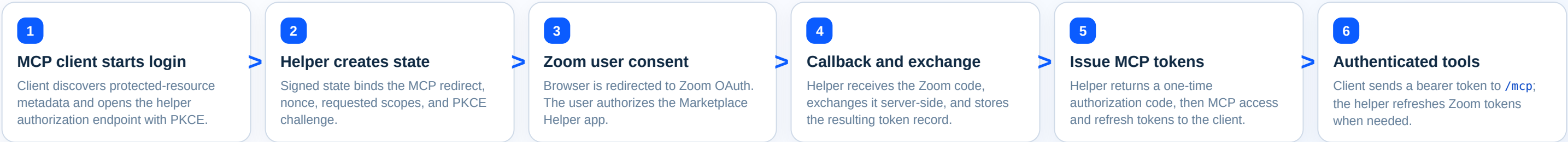
Marketplace Helper App

Architecture diagram for MCP-based Zoom Marketplace app management, OAuth authorization, manifest operations, and support requests.

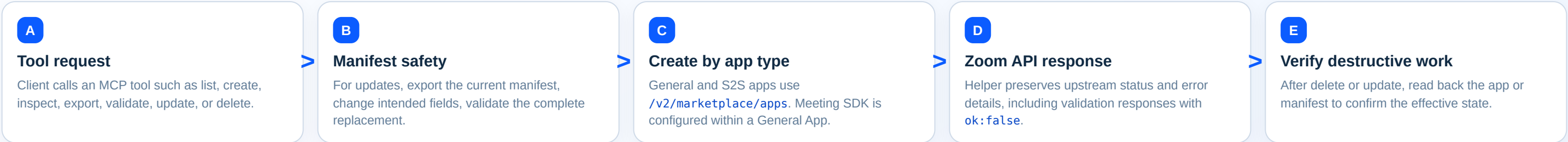
1 SYSTEM ARCHITECTURE



2 AUTHORIZATION FLOW



3 MARKETPLACE MANAGEMENT FLOW



Security and deployment boundaries

- TLS at public edge
- Nginx reverse proxy
- PKCE S256
- Signed OAuth state
- One-time codes
- Refresh-token rotation
- SQLite 0600
- AES-256-GCM at rest
- Secrets from environment

Current implementation scope

The deployed implementation uses a public HTTPS edge, Nginx, PM2, an AES-256-GCM encrypted local SQLite database, and outbound HTTPS calls to Zoom. It does not require PostgreSQL, Docker, RTMS, Zoom Apps SDK runtime, Meeting SDK runtime, AI providers, or another third-party database.