



- 1. Clients:** Interacting with the aggregation server via GET requests.
- 2. The RESTful API** acts as the interface for both the GET and PUT operations.
- 3. Aggregation Server:**
  - **PUT Handler:** Serializes PUT requests based on Lamport timestamps.
  - **GET Handler:** Ensures clients get the latest data after any ongoing PUT operations are completed.
  - **Expiration Manager:** Handles the removal of stale data if not updated within 30 seconds.
- 4. Content Servers:** Sending PUT requests to update content on the aggregation server.
- 5. Local File System:** Send raw data files to the content server.