

URL Shortener

Roberto DeDeus

UI Wireframe

https://www.reddit.com/r/ProgrammerHumor/comments/a2c4gg/quality_assurance/

CREATE SHORT URL

Query Patterns

Q1 - Find by OG URL

- Generate hash for URL
- Generate short URL
- Persist hash, short URL, and OG URL

Q2 - Find by short url

- Get by short URL

Schemas / Tables

Id: SERIAL INT

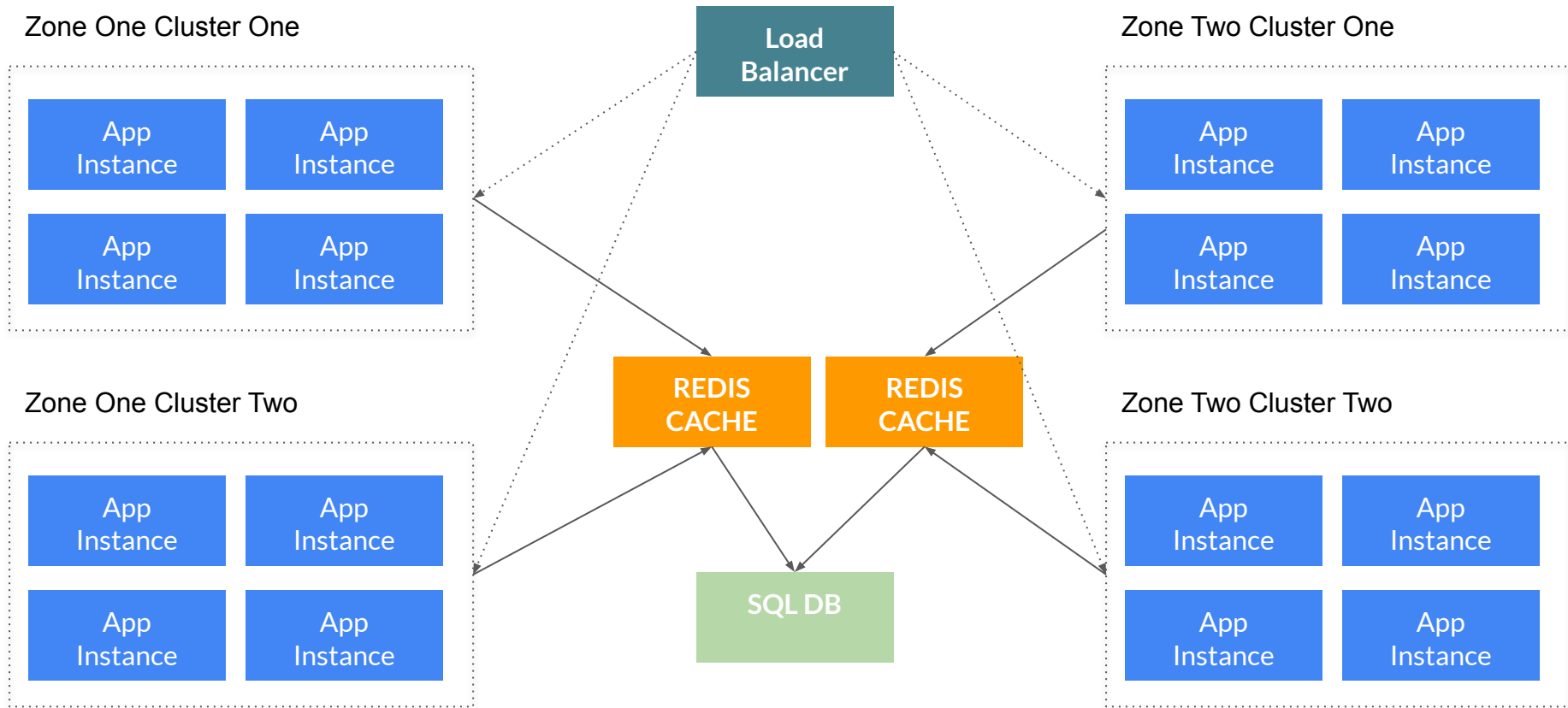
Short_url: VARCHAR

og_url: VARCHAR

hash: VARCHAR

creation_ts: TIMESTAMP

Architectural Diagram - Option 1 (SQL)



Architectural Diagram - Option 2 (NoSQL)

