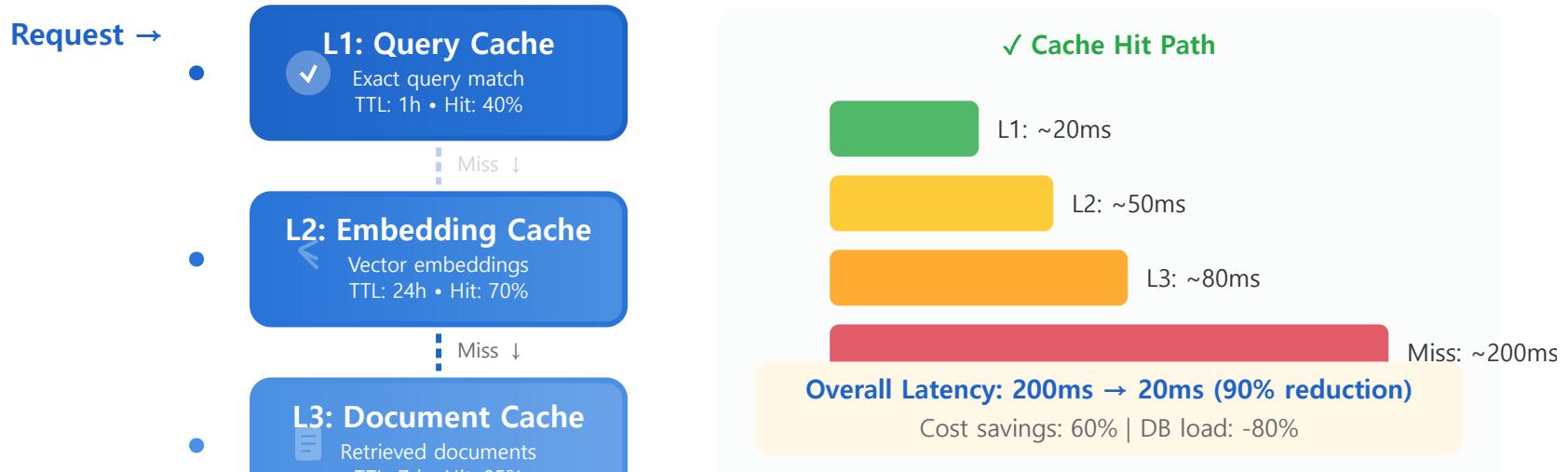


Caching Optimization



Redis Configuration

Memory: 16GB with LRU eviction

Persistence: RDB + AOF for durability

Cluster: 3 nodes with replication

Performance Impact

Latency reduction: **200ms → 20ms**

Cost savings: **60% reduction**

DB load: **-80%**