Possible high level architecture

Client 1

Client 2

Client 3

Client N

Partitioner

1-2

3-5

5-n

Pub/Sub
Topic

P1

P2

Pn

P1:C1

P2:C2

Pn:Cn

WebUI

Http/Websocket

Consumers
/AggregationServers

C1

C2

Cn

Aggregation Storage

Small windows(5-60 sec) can be store
in cache for quicker acces.
But memory utilization by the service must be estimated

Cache
cluster

DB Custer

SyncService

DB Cluster

Cpu data logging