

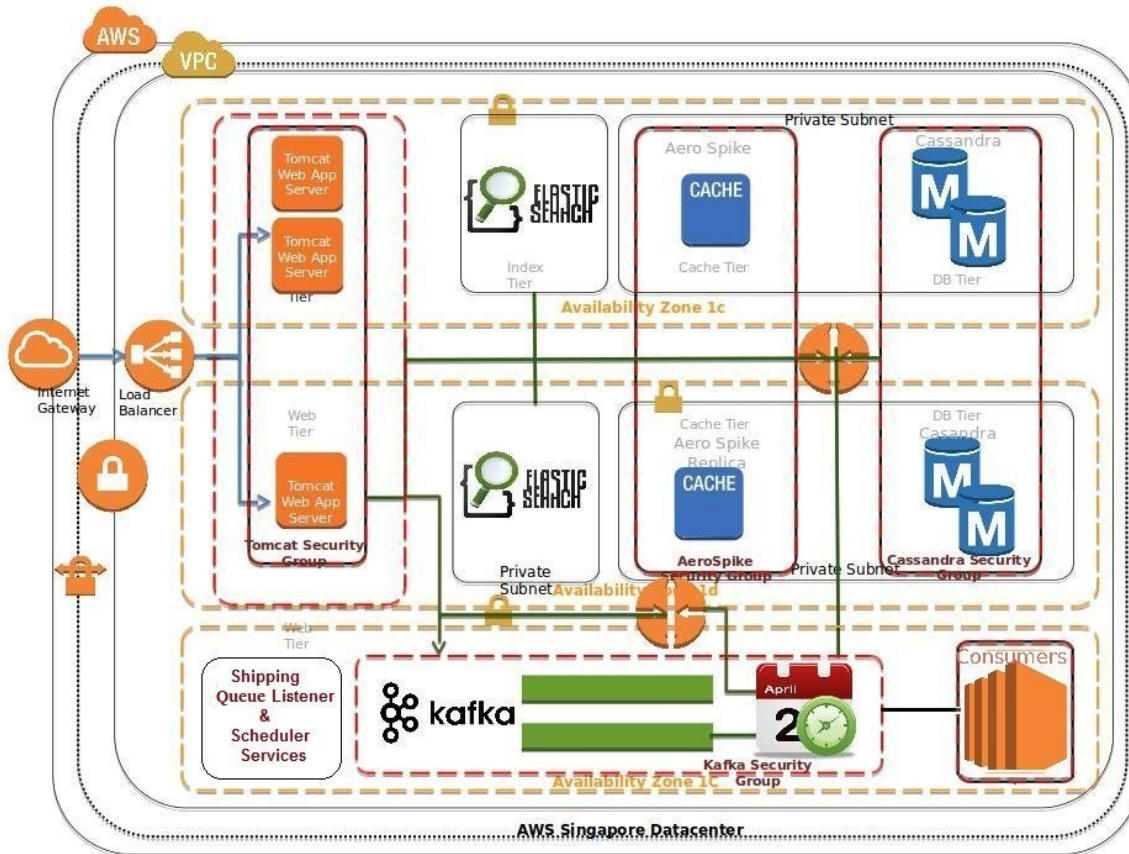
R&Rservice-SystemArchitecture

System Architecture

The diagram defines the deployment setup of the review system.

R&R uses Cassandra as main persistent data store. This allows to scale with increasing data requirements. Since CQL does not support analytical queries, so elastic search is used to index data that needs filter or sort reviews ON. Incoming data is first written to Cassandra and then asynchronously written to elastic search and the cache. For asynchronous processing, we use kafka as a queuing system.

Please refer to [this link](#) for more details on the cache layer. And [this link](#) for indexing details.



Shipment Tracker Module: