**Cloudfront**: Cloudfront use to reduce latency

**Edge-Location**: edge is kind of server and it has edge cache memory

Ex:

1. User hit url [www.example.com](http://www.example.com)
2. Dns will navigate user to the edge location not origin server
3. If edge server has data it will not hit the main(origin)server and serve the request and if not available then it will hit main server and keep data in memory then it will serve

**Regional Edge-Location**: regional edge location is above edge location if edge location delete it’s

data then it will not directly hit the origin server edge location will ask to the regional edge location

Billing on:

1. Data transfer out
2. http or http request
3. invalidation request “delete data from edge location”
4. SSL certificate

Route53: