Global Application

Global DNS: Route

- Great to route users to the closest deployment with least latency
- Great for disaster recovery strategies

Global Content Delivery Network (CDN): CloudFront

- Replicate part of your application to AWS edge Locations – decrease latency
- Cache common requests – improved user experience and decreased latency

S3 Transfer Acceleration:

- Acceleration global uploads & downloads into Amazon S3

AWS Global Acceleration:

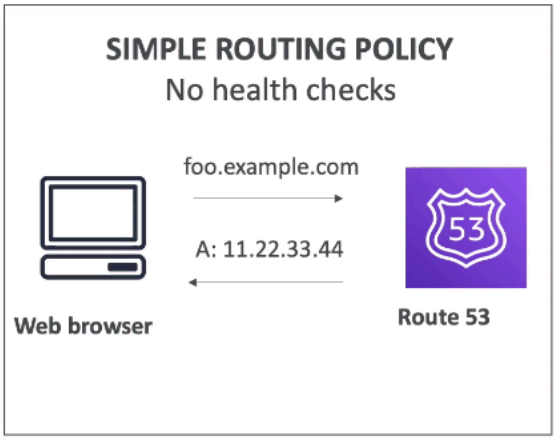
- Improve global application availability and performance using the AWS global network

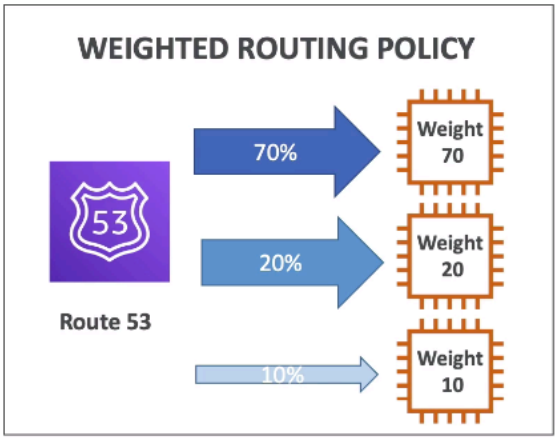
1. Route 53
   - Is a Managed DNS (Domain Name System)
   - DNS is a collection of Rule & records Which help client understand how to reach a server though URL

2. Route 53 Routing Policies
   1. Simple Routing Policy (No Health Check)
   2. Weighted Routing Policy (Health Check)
   3. Latency Routing Policy ((Health Check)
   4. Failover Routing Policies (Health Check)

Route 53 Routing Policies

- Need to know them at a high-level for the Cloud Practitioner Exam





Route 53 Routing Policies