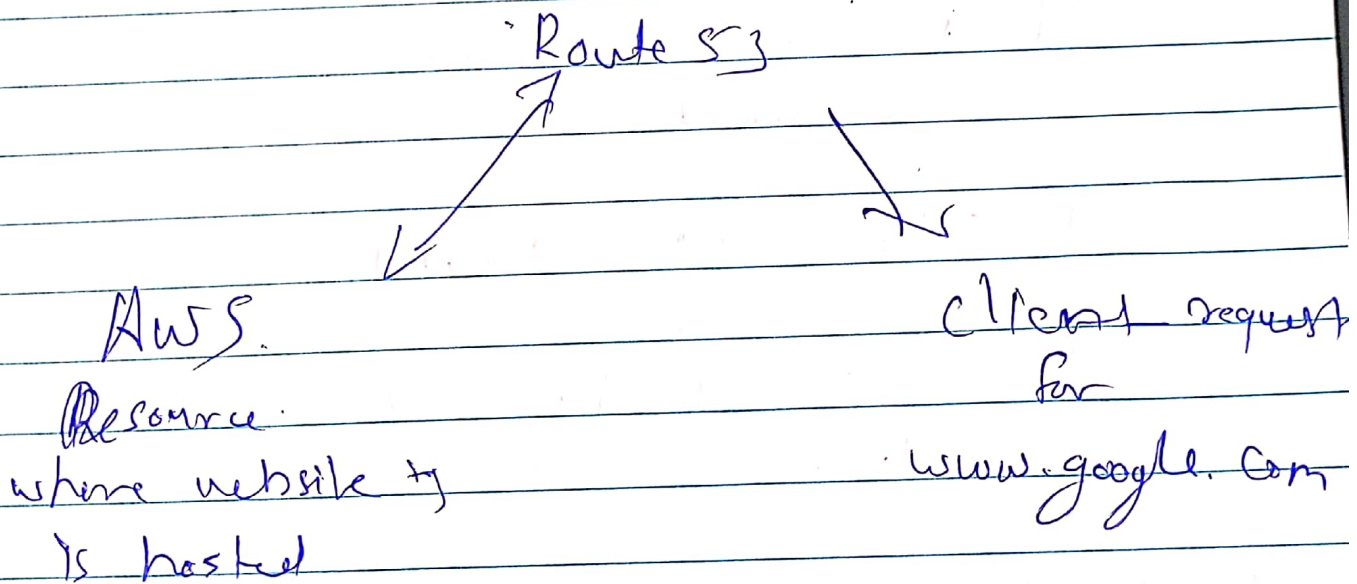# Route 53

+ what is amazon Route 53?

Amazon route 53 is a highly available & scan Scalable cloud DNS (Domain Name System) web service.

It is designed for developers & corporations to route the end users to internet application by translating human-readable names like www.google.com into the numeric IP address like 192.0.1.9 that computer use to connect.

Route 53

AWS.
Resource
where website ty
is hosted

Client request
for
www.google.com

+ How Does amazon route 53 work?

Amazon Route 53 is an aws service than offers a DNS web services which is Scalable & high available.
It is en essential for conversion of user friendly domain name into IP address so that Internet communication, can procured without difficulties, the

The following are the some of the main feature explaining on how amazen route 53 function well!

1] Domain Registration & management.

2] Global DNS Resolution.

3] Traffic Routing & load balancing.

- Methodologies Related to route 53
1] Records   4] Name Sener
2] Hosted Zone   5] DNS failour
3] DNS query   6] Routing policy

— function of Route53

1] if a web application require a domain ~~de~~ name , route 53 senice helps to register the name for the website.

2] whenever a user enters the domain name , route 53 helps to connect the user to the website.

3] If any failure is detected at any level , it automatically ~~rot~~ routes the uses to healthy resource.

4] Amazon Route 53 1) Cost effective Secure & Secure.

5] Amazon route 53 is flexible, highly available & reliable.