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## Amazon Route 53-2



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# Route 53 Routing Policy

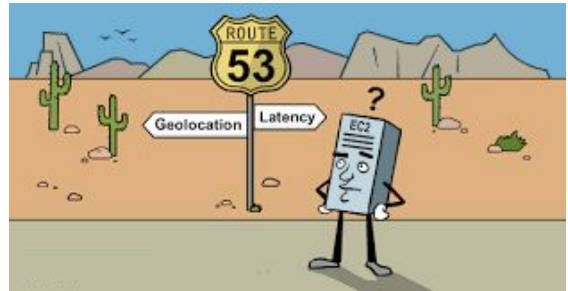
## Concepts of Amazon Route 53

What is Routing Policies?



# Routing Policies of Amazon Route 53

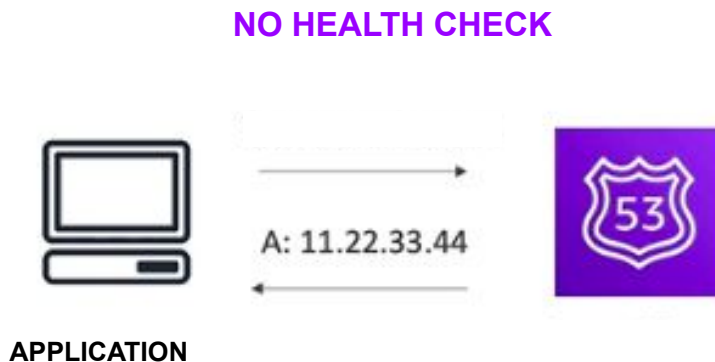
## Routing Policies



- Routing Policy is a component that is used for configuring the traffic **according to different types of scenarios.**
- How traffic is routed depends on which **topic the policy is based on.**

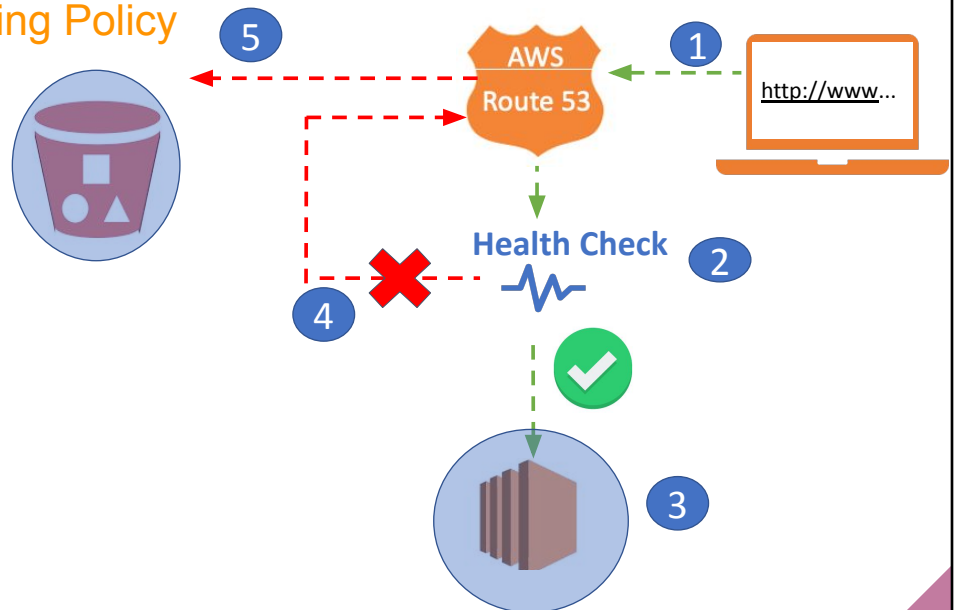
# Routing Policies of Amazon Route 53

## Simple Routing Policy



# Routing Policies of Amazon Route 53

## Failover Routing Policy



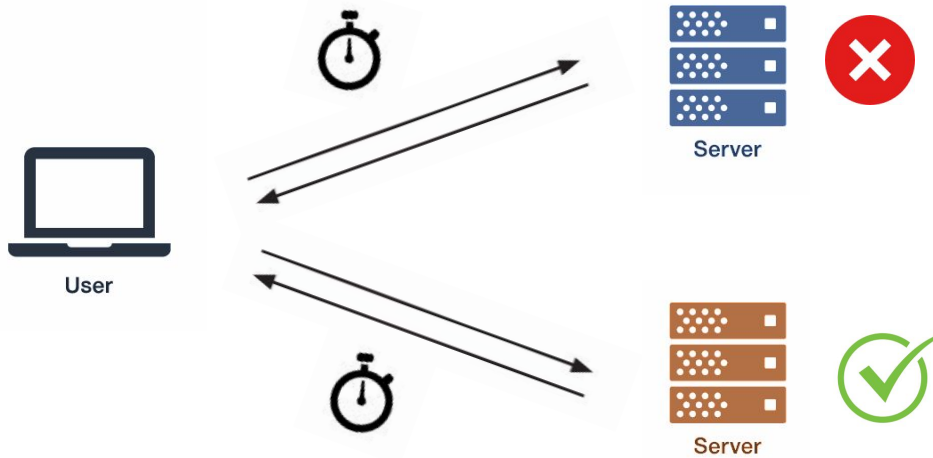
# Routing Policies of Amazon Route 53

## Weighted Routing Policy



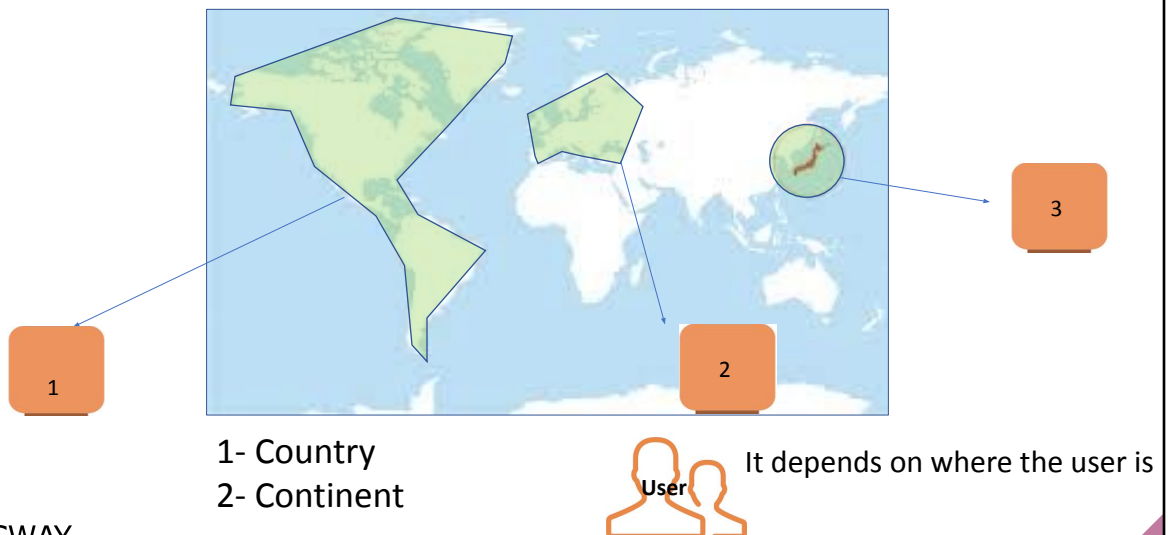
# Routing Policies of Amazon Route 53

## Latency Routing Policy



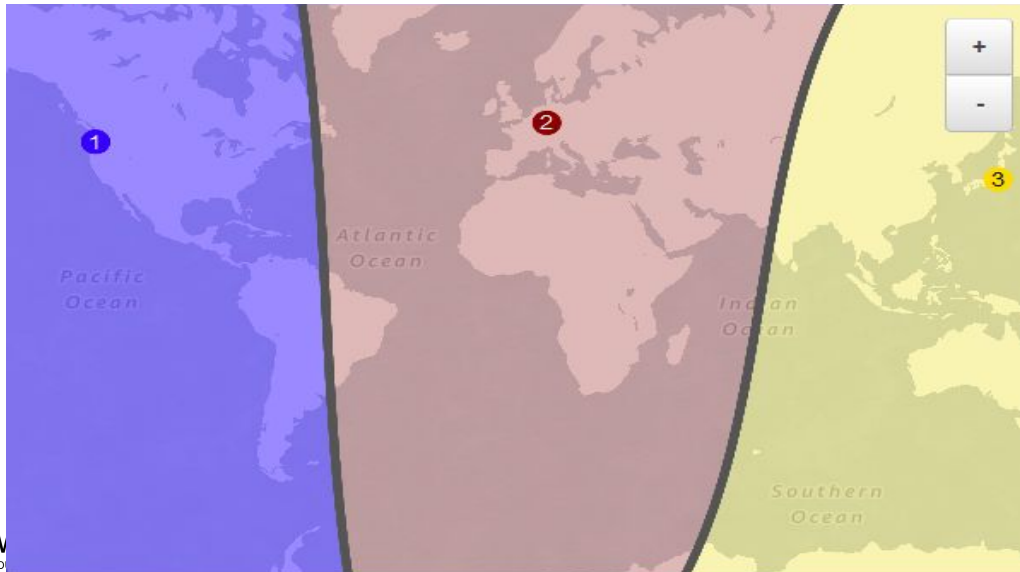
# Routing Policies of Amazon Route 53

## Geolocation Routing Policy



# Routing Policies of Amazon Route 53

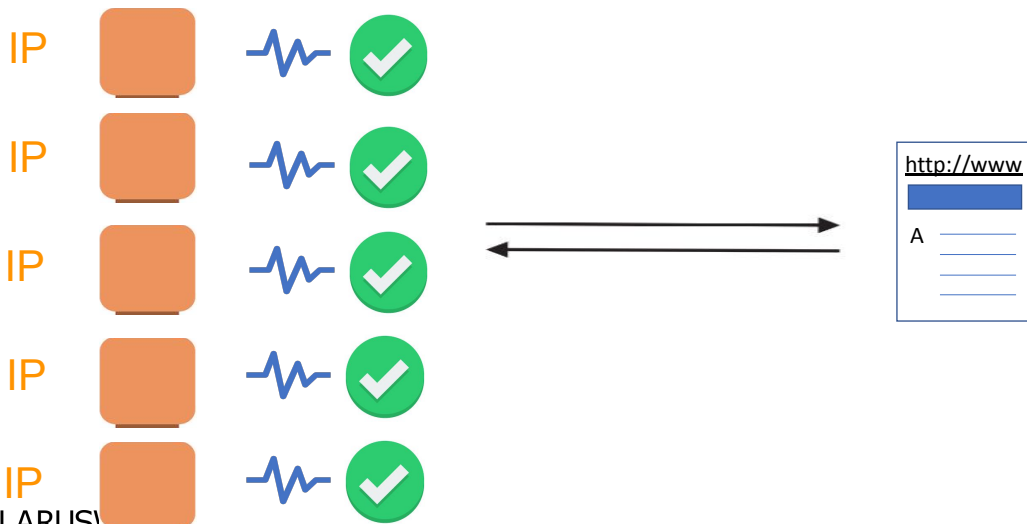
## Geo Proximity Routing Policy



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# Routing Policies of Amazon Route 53

## Multivalue Answer Routing Policy

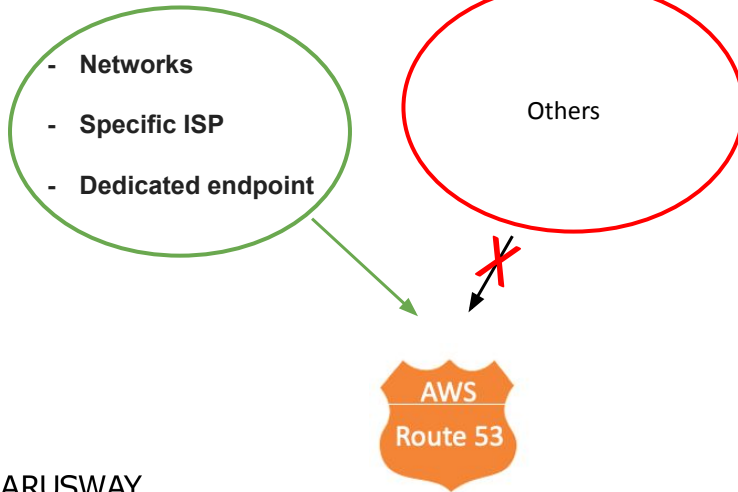


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# Routing Policies of Amazon Route 53

## IP Based Policy - Announced June 1 2022

CIDR Locations



With the addition of IP-based routing, customers are now additionally empowered to fine-tune their DNS routing approach based on the Classless Inter-Domain Routing (CIDR) block that the query-originating IP address belongs to, allowing them to leverage knowledge of their end user base to optimize performance or network transit costs.

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## DNS Health Checking

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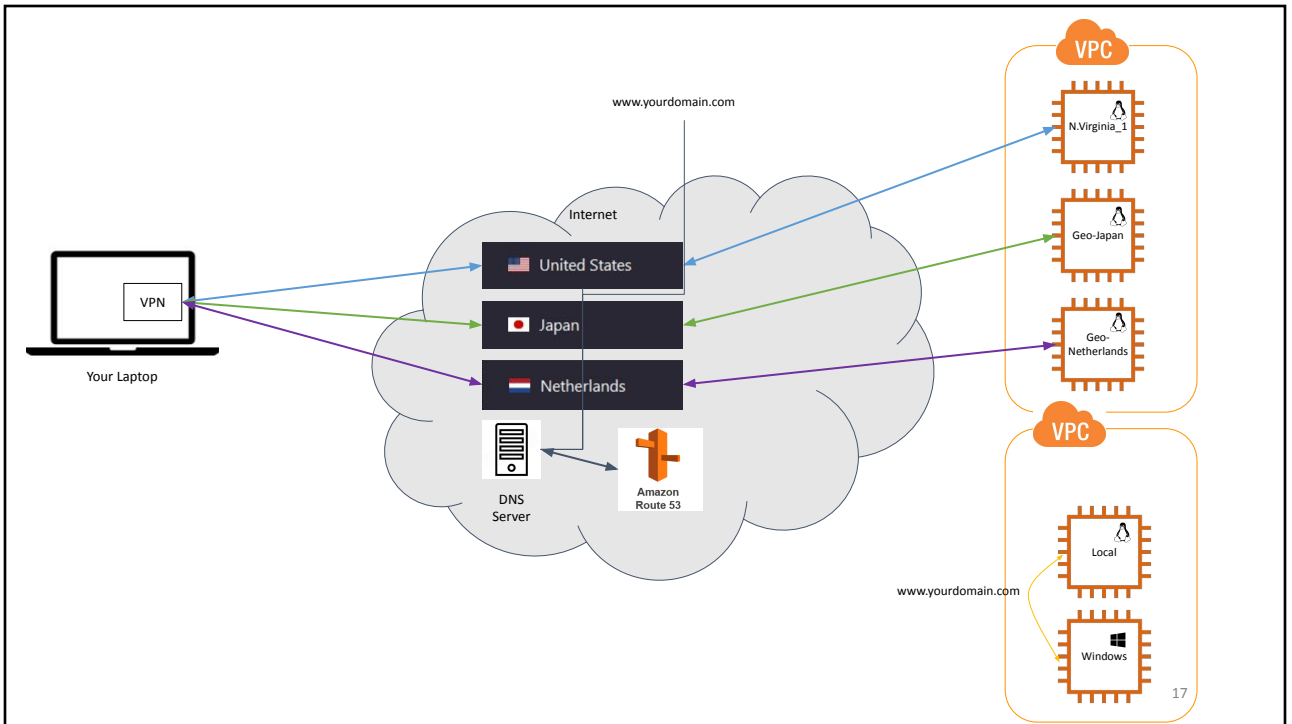
## DNS Health Checking



- Health Checking is a function that checks whether **your servers working properly.**
- It helps to route internet traffic away from unhealthy server and keep the web application alive and prevents interruption.









# THANKS!

## Any questions?

