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# Amazon Route 53-2

# AGENDA



- ▶ **Route 53 Routing Policy**
- ▶ **DNS Health Checking**



# Route 53 Routing Policy

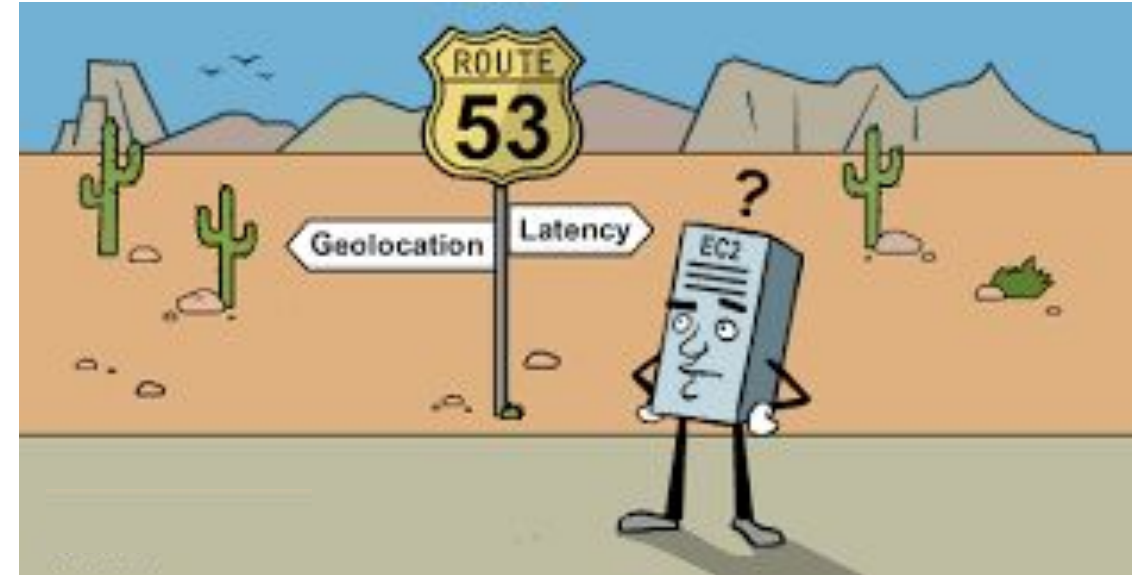
# Concepts of Amazon Route 53

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

**NO HEALTH CHECK**



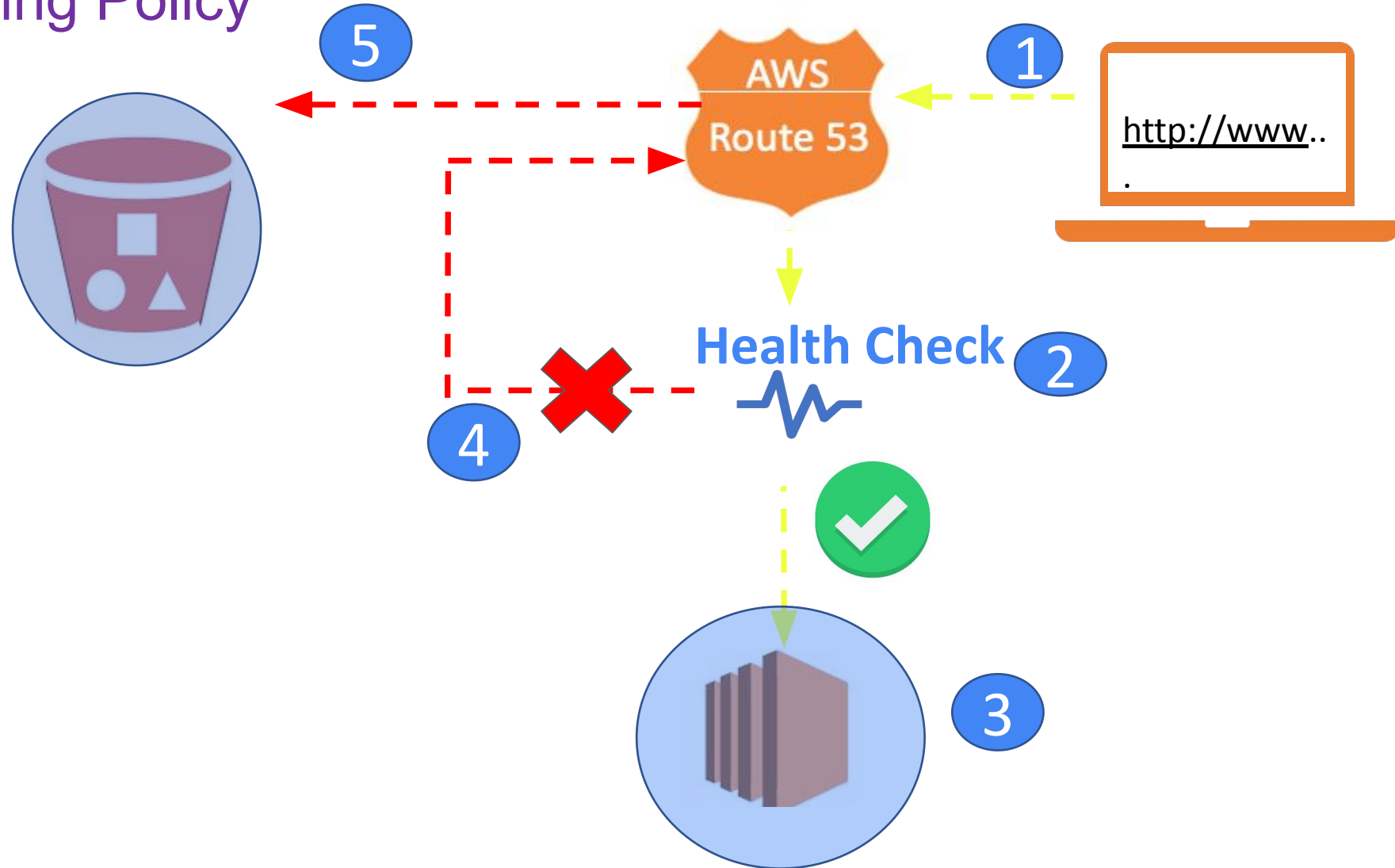
**APPLICATION**

A: 11.22.33.44



# Routing Policies of Amazon Route 53

## Failover Routing Policy





# Routing Policies of Amazon Route 53

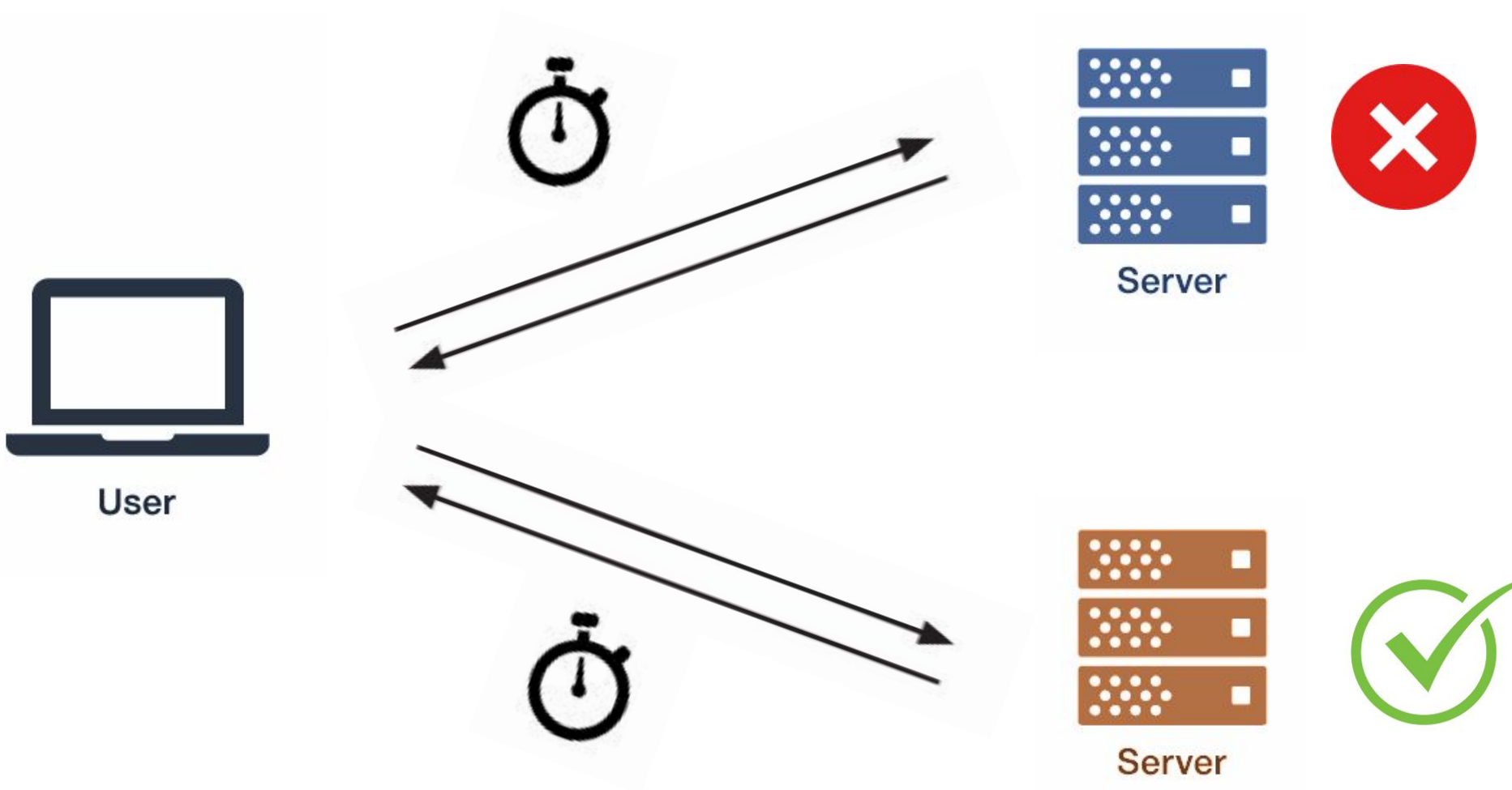
## Weighted Routing Policy



%20

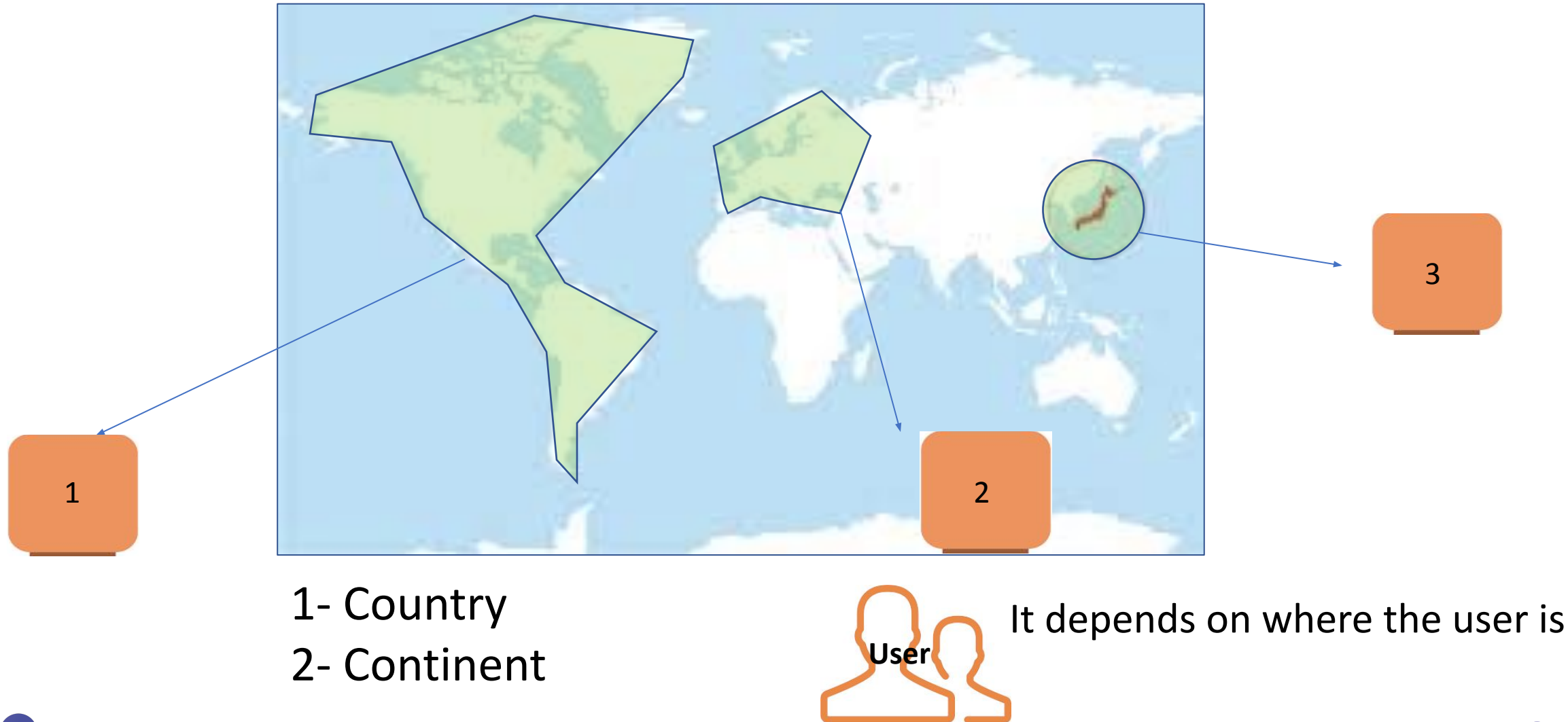
# Routing Policies of Amazon Route 53

## Latency Routing Policy



# Routing Policies of Amazon Route 53

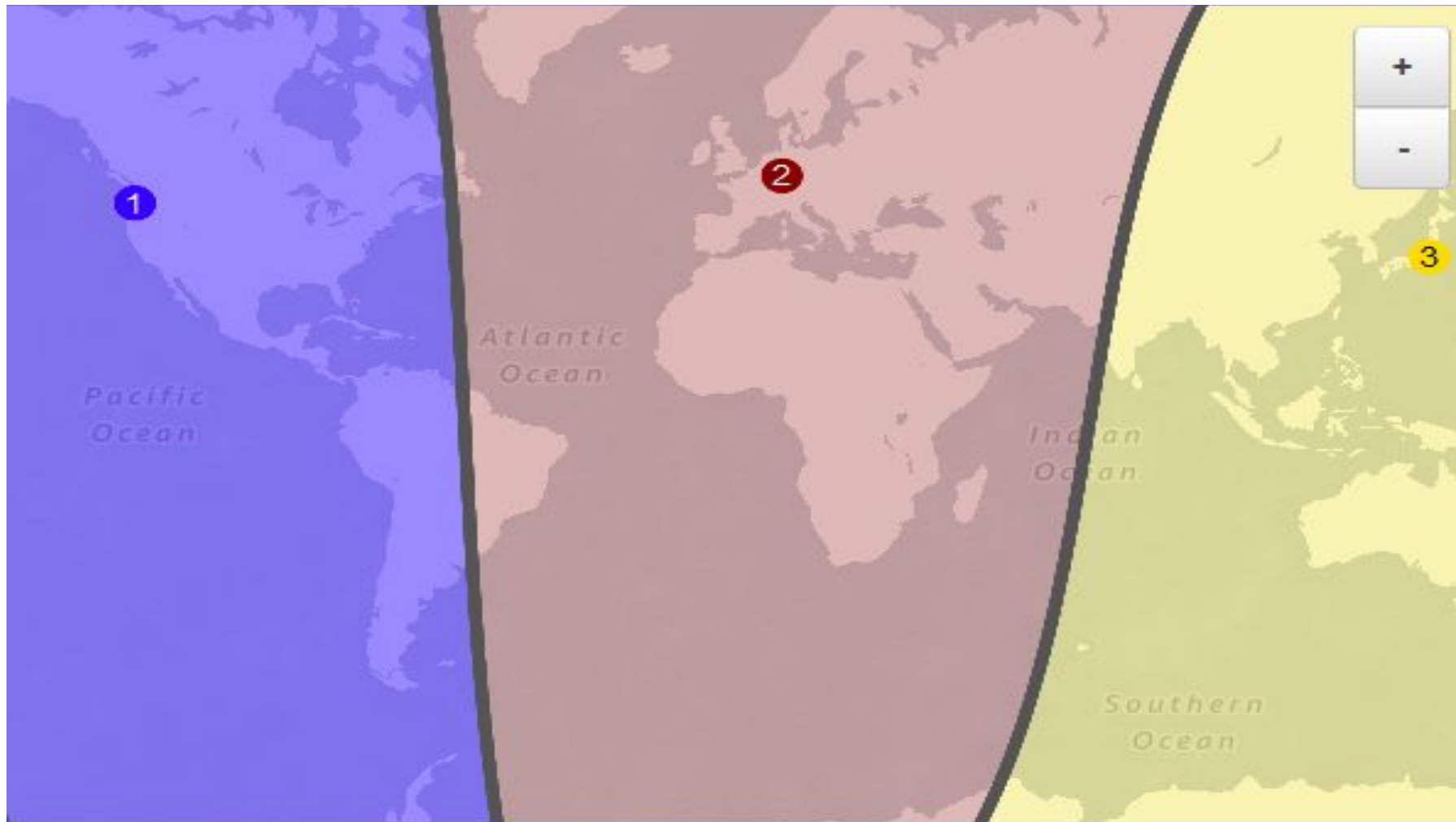
## Geolocation Routing Policy



# Routing Policies of Amazon Route 53



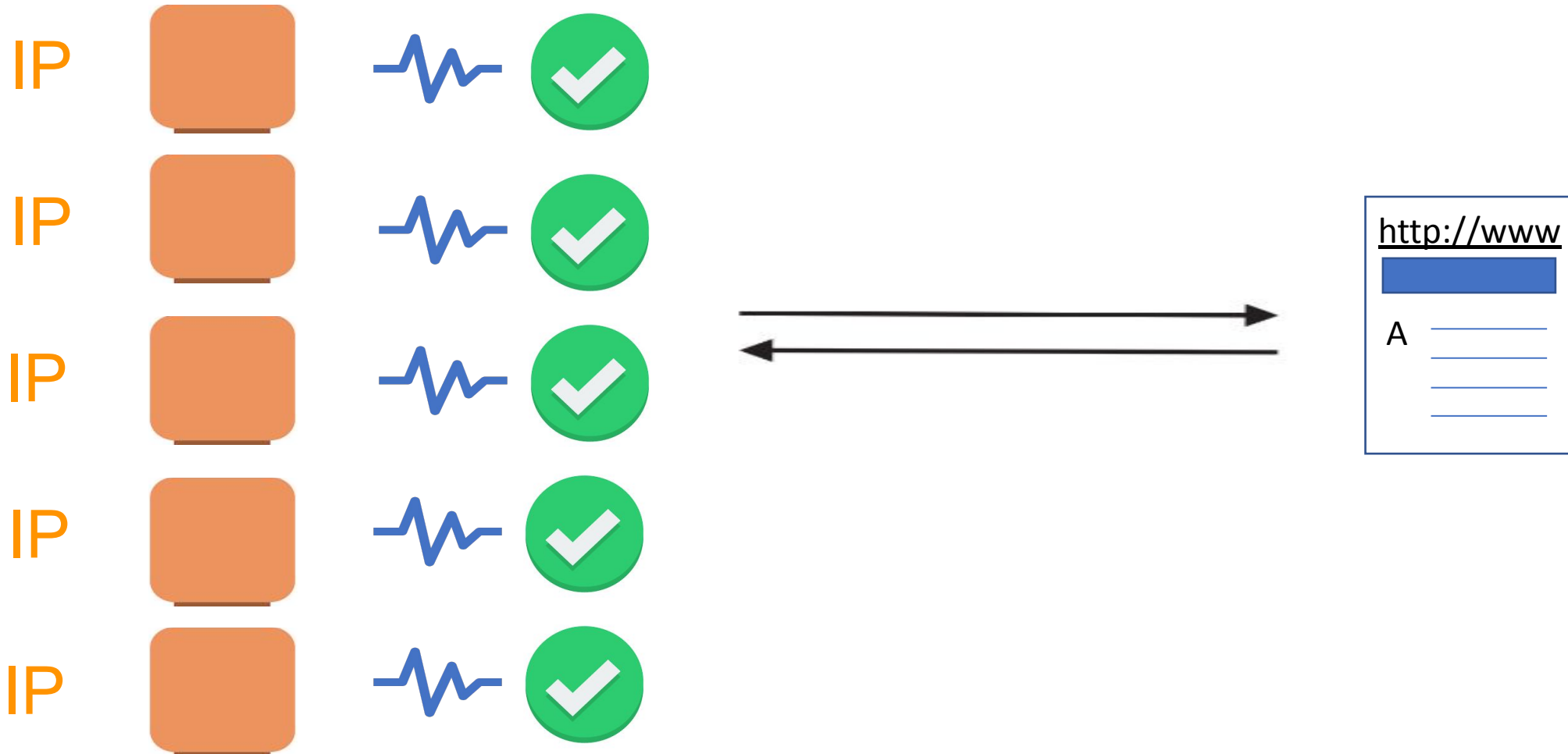
## Geo Proximity Routing Policy



# Routing Policies of Amazon Route 53



## Multivalue Answer Routing Policy

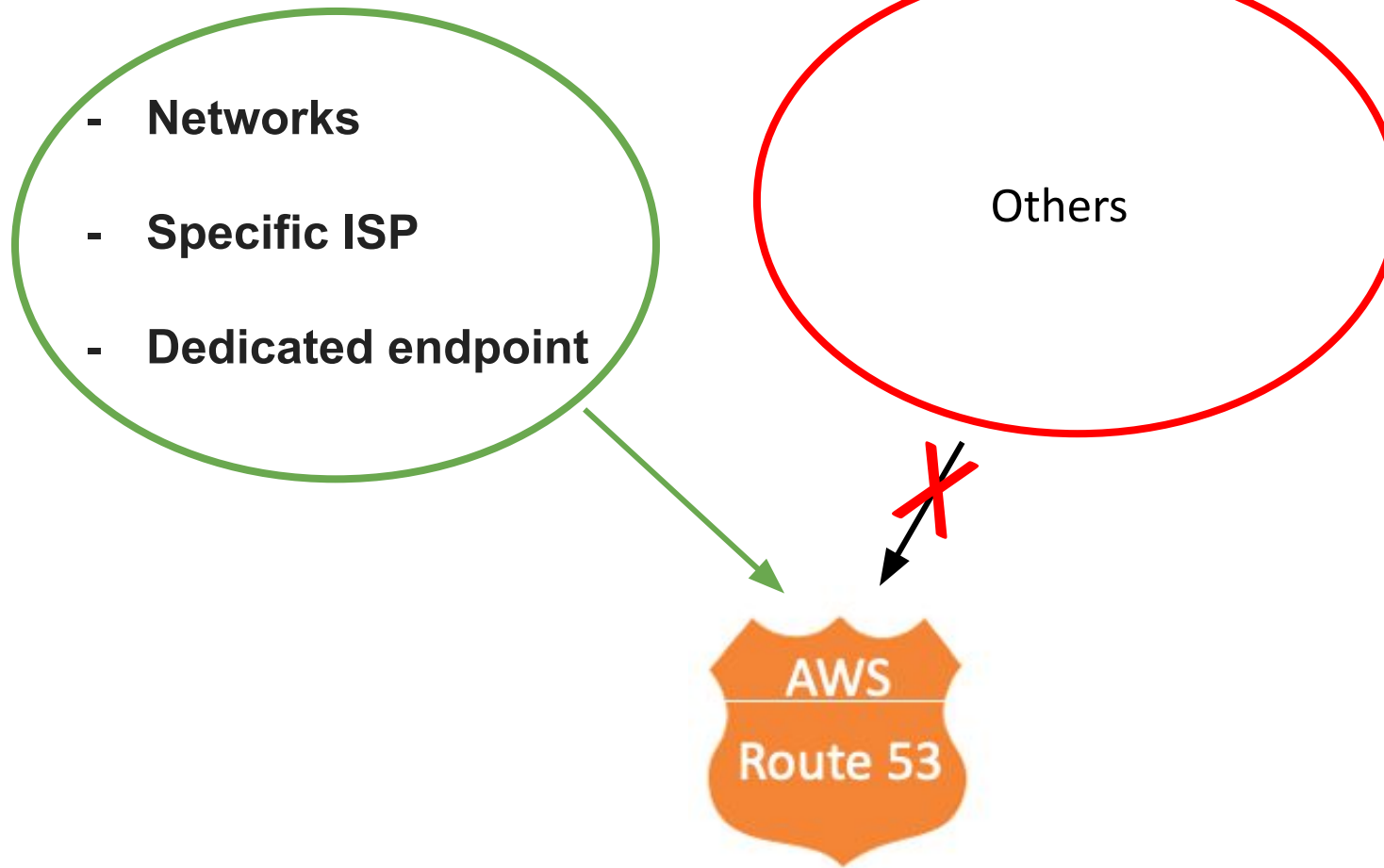


# Routing Policies of Amazon Route 53



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.



# DNS Health Checking

# 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?**

