Steps to Connect Instances in Route 53 Using Different Routing Policies

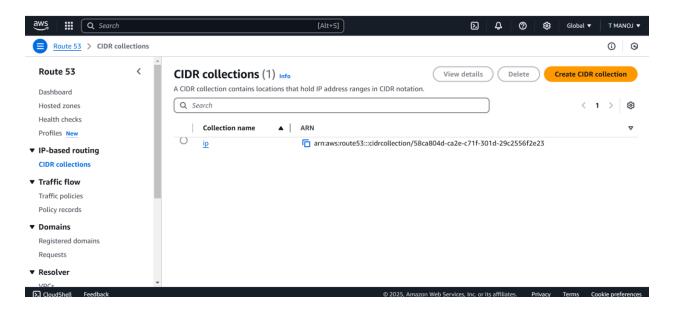
NAME: T MANOJ

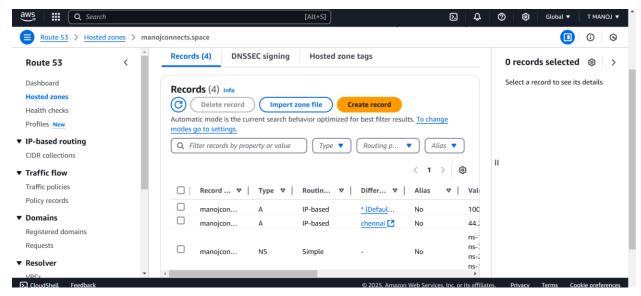
Create a Hosted Zone in Route 53

- 1. Log in to the AWS Management Console.
- 2. Go to Route 53.
- Under Hosted Zones, either select an existing hosted zone or click Create Hosted Zone.
 - a. Enter your domain name
 - b. Click Create.

Configure IP-based Routing

- 1. In the Route 53 dashboard, click on your Hosted Zone.
- 2. Click Create Record.
- 3. Select Record Type as A IPv4 address.
- 4. For Alias, choose No (for IP-based routing).
- 5. In the Value field, enter the IP address of CIDR Location.
- 6. Set Routing Policy to Simple.
- 7. Click Create records.
- 8. Test the Connection with commands NSLOOKUP domainname.





C:\Users\T Manoj>nslookup manojconnects.space

Server: UnKnown

Address: 192.168.131.181

Non-authoritative answer:

Name: manojconnects.space

Address: 100.24.3.86

C:\Users\T Manoj>nslookup manojconnects.space

Server: UnKnown

Address: 192.168.131.181

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Name: manojconnects.space

Address: 100.24.3.86

C:\Users\T Manoj>nslookup manojconnects.space

Server: dns.google Address: 8.8.8.8

Non-authoritative answer:

Name: manojconnects.space

Address: 44.211.210.86

C:\Users\T Manoj>nslookup manojconnects.space

Server: dns.google Address: 8.8.8.8

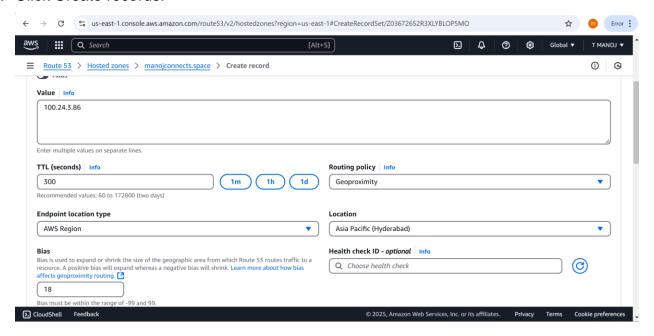
Non-authoritative answer:

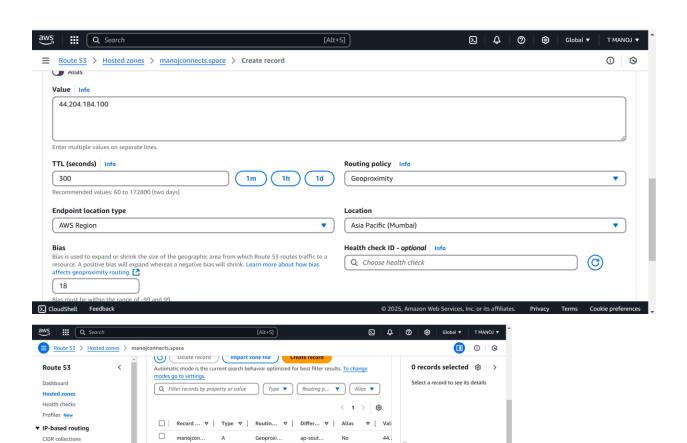
Name: manojconnects.space

Address: 52.201.224.222

Configure Geoproximity Routing

- 1. In the Route 53 dashboard, under your hosted zone, click Create Record.
- 2. Choose A IPv4 address.
- 3. For Alias, select No.
- 4. Enter the IP address of your EC2 instance in the Value field.
- 5. Set the Routing Policy to Geoproximity.
 - a. Choose the Region and set the Geoproximity radius to control traffic routing.
- 6. Click Create records.





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SOA

▼ Traffic flow

Traffic policies

Policy records

▼ Resolver

VPCc

CloudShell Feedback

Geoproxi...

Simple

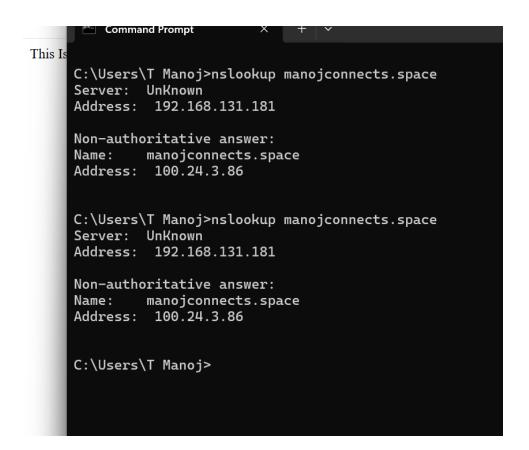
Simple

ap-sout...

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Configure Multivalue Answer Routing

- 1. In the Route 53 dashboard, under your hosted zone, click Create Record.
- 2. Choose A IPv4 address.
- 3. Set Alias to No.
- 4. Enter the IP address of the EC2 instance in the Value field.
- 5. Set Routing Policy to Multivalue Answer.
- 6. Optionally, configure Health Checks if desired.
- 7. Click Create records.

