Amazon Web Services

Reachability Analyzer

ankitnarula1991@gmail.com

Reachability Analyzer

- VPC Reachability Analyzer is a configuration analysis tool that enables us to perform connectivity testing between a source resource and a destination resource in our virtual private clouds (VPCs). At times, when customers are deploying large workloads in AWS, it is also quite difficult and time consuming to troubleshoot network connectivity issues mainly due to misconfigurations. This is where VPC Reachability Analyzer can help.

Reachability Analyzer

- Create VPC

- Create Public Subnet

- Give Public Access to subnet

- Create Internet gateway

- Attach Internet gateway to VPC

- Create Route table

Reachability Analyzer

- Attach Subnet with route table

- Attach Internet gateway with route table

- Enter Destination as 0.0.0.0/0

- Create Linux EC2 Machine in our VPC & Subnet

- Enable SSH Port

Reachability Analyzer

- Go to VPC

- Click on Reachability Analyzer

- Click on create and analyze path

- Enter the name

- Select the Source type (Instances)

- Select the source as EC2

Reachability Analyzer

- Select the Destination type (Internet Gateway)

- Select the destination as Internet gateway ID

- Click on create and analyze path

- Check the details

Actions ➡ View Details

- We are able to see the source & destination path details

Reachability Analyzer

- Disconnect route table and internet gateway

- Go to Route table

- Edit routes of our route table

- Click on remove

- Click on save changes

- Now Analyze path again for our reachability analyzer

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