



NAT Gateway



What is NAT gateway

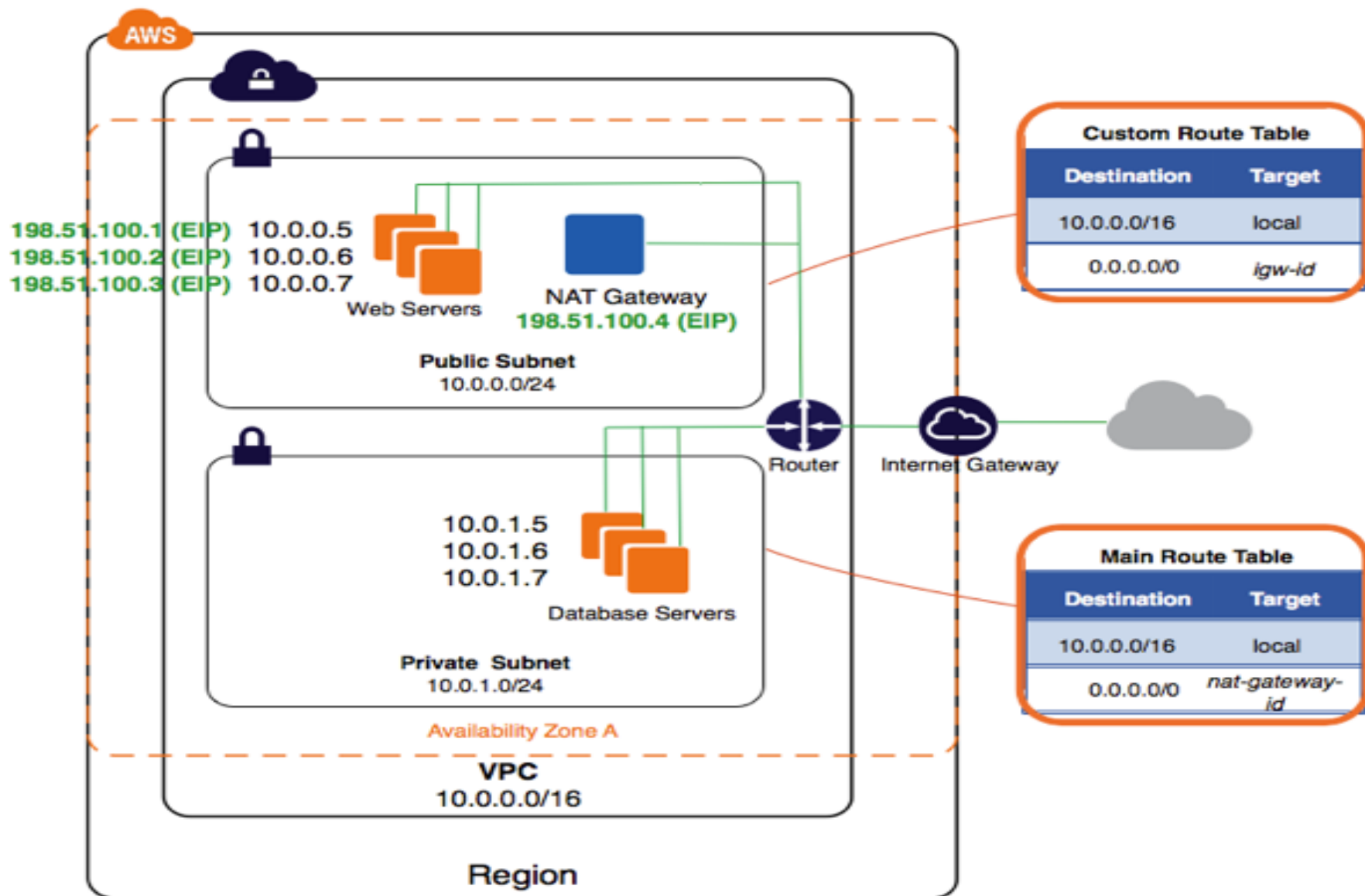
- A NAT gateway is a Network Address Translation (NAT) service. You can use a NAT gateway so that instances in a private subnet can connect to services outside your VPC but external services cannot initiate a connection with those instances.



Why to use NAT GATEWAY

- How do you allow instances in a private subnet to download software updates and security patches while denying inbound traffic from internet?
- Answer-NAT Gateway

Architecture:





How to create NAT gateway

- Step 1- You must specify the public subnet in which the nat gateway should reside
- Step 2- Specify an Elastic IP address to associate with the nat gateway
- Step 3- Update the route table associated with one or more of your private subnet to point internet bound traffic to the nat gateway