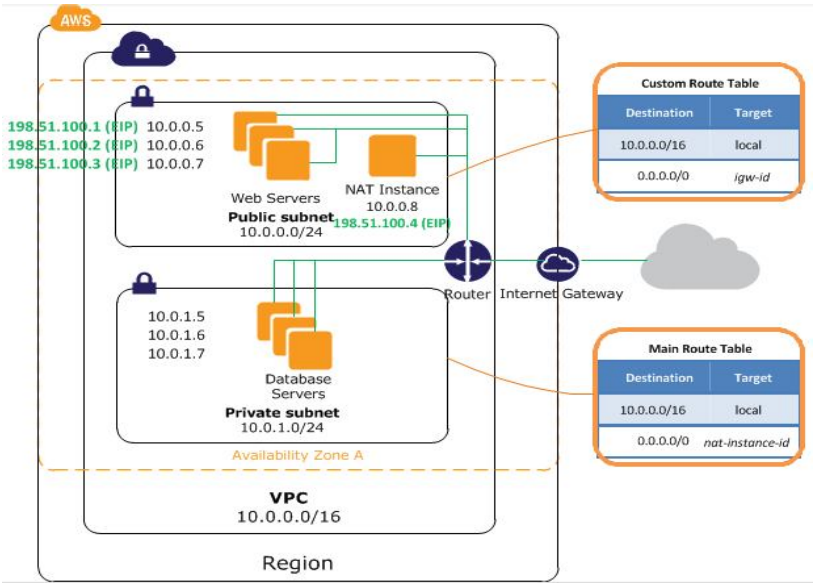
VPC Scenario with NAT Instance and ElasticIP



NAT Gateway

1. Go to EC2 Instance
   A. Search in Community Instance (Left Side menu)
      i. Choose NAT instance Amazon AMI (First Option-Free Tier Only)
      ii. Choose Custom VPC and Public Subnet
      iii. All other default Setting, Add a Tag - NATInstance
      iv. Choose existing Security Group created for Public Subnet (WebServer)
      v. Choose Existing Key Pair (WebSec.pem) for key generation
      vi. Launch the instance
      vii. Select your NAT instance after Launch- and Go to

      Action ->Networking-> Change Source/ Destination change (Bypassing the request in this Point)

   B. Go to VPC and Select NAT Gateways-> Create One
      i. Choose public subnet and create New **Elastic IP**
      ii. Create NAT Gateway
      iii. Edit Rout Table -> Choose subnet of public route
      iv. Edit (save)/Add new Route (0.0.0.0/0) and Target (NAT Gateway)
2. To Check the working of the NAT Gateway
   A. Login to Public subnet (putty)
   B. Transfer WebSec.pem to public subnet (WinSCP)
   C. chmod 400 WebSec.pem
   D. ssh -i "WebSec.pem" ec2-user@Private Server-IP
   E. ping google (8.8.8.8)