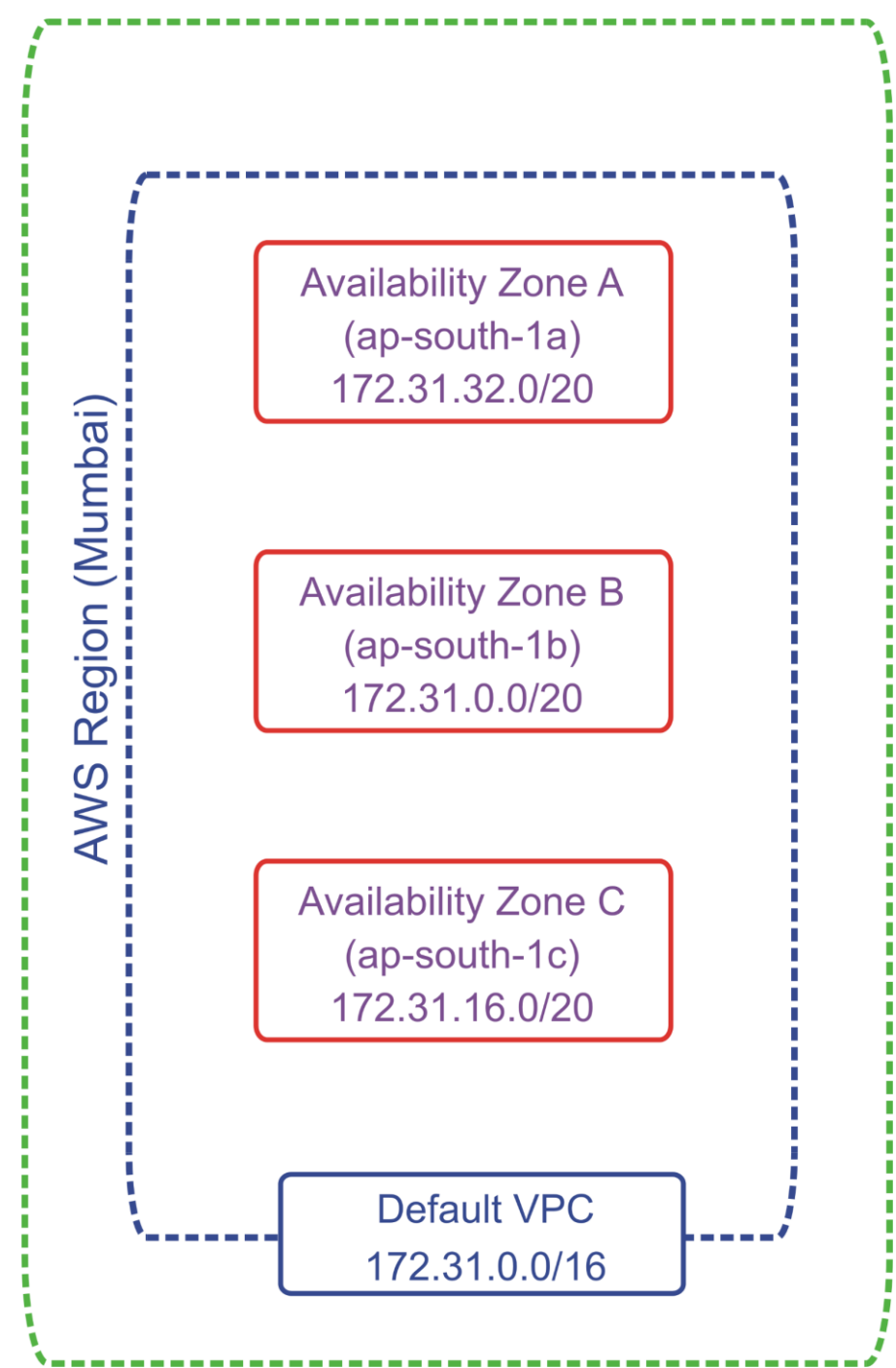


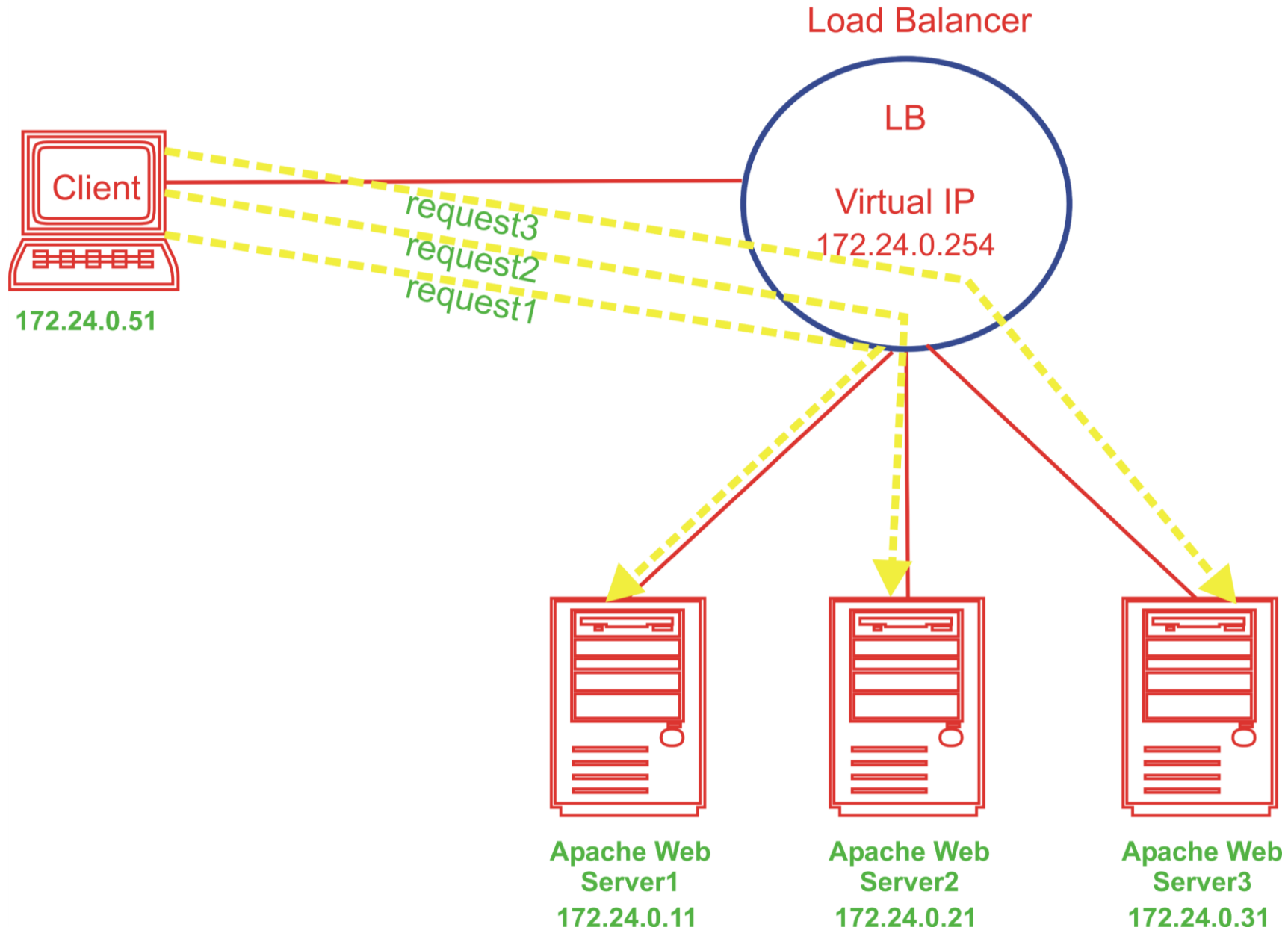
Combining Custom VPC, Custom AMI, ALB, Auto Scaling, Cloud9

(Lab Setup Details and Hands On)

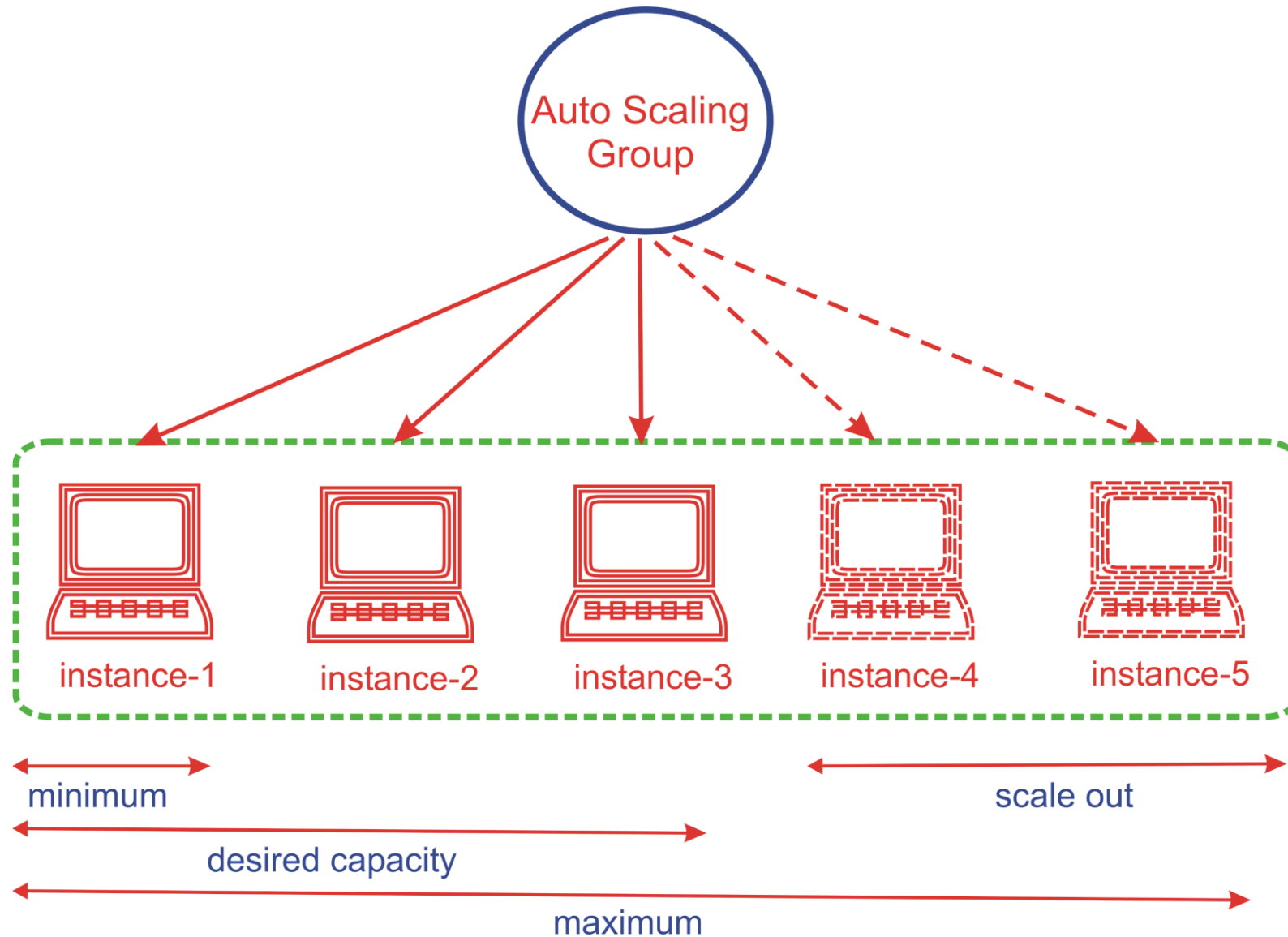
Default VPC



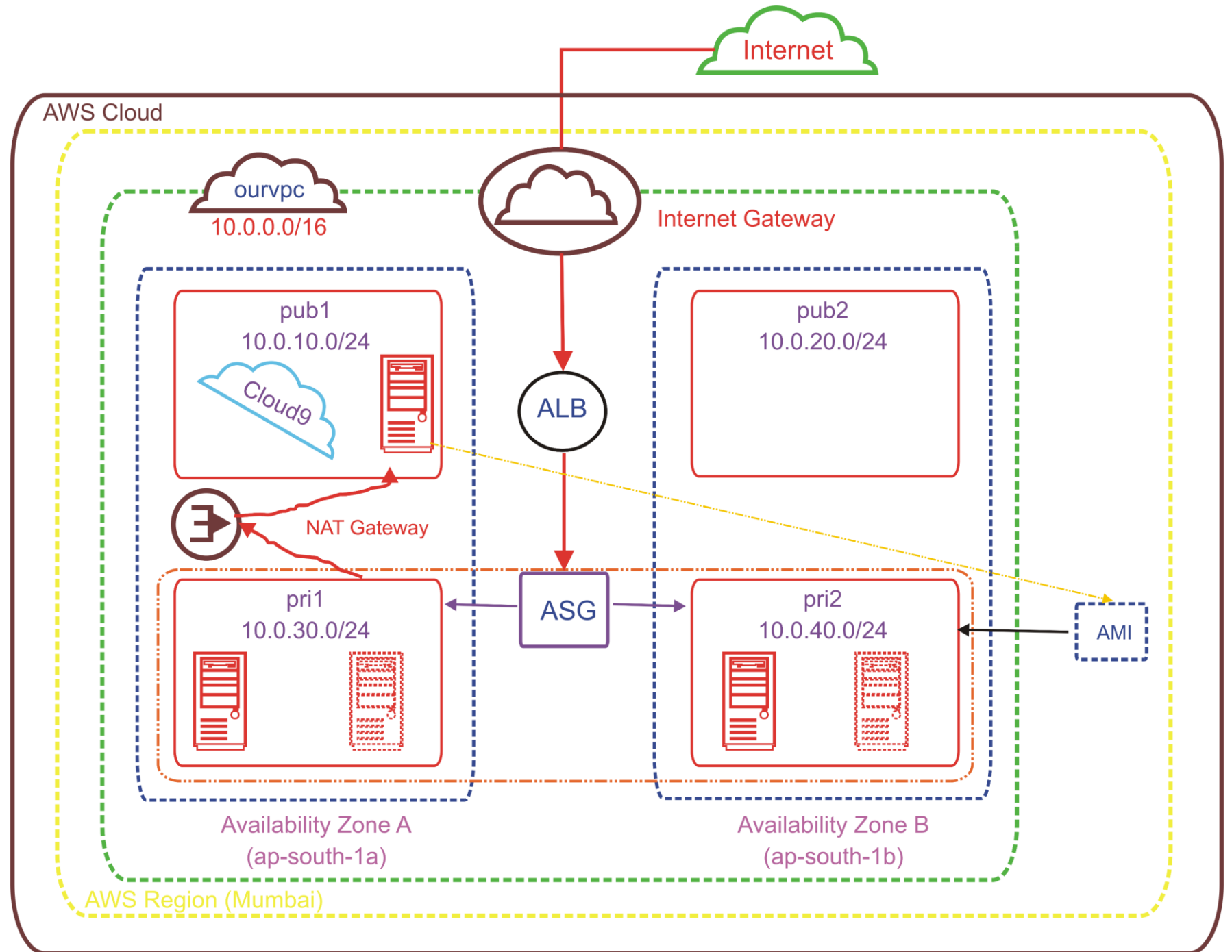
Load Balancer Strategy



Auto Scaling Introduction



Lab Setup Details



Various Steps

- Allocate Elastic IP for use in creating NAT gateway
- Create VPC (ourvpc) using Wizard having 1 public (pub1) and 1 private (pri1) subnets
- Add 1 more public (pub2) and private (pri2) subnet
- Modify Routing Tables
- Launch Linux Web Server with Load generation tool
- Create webserver security group (webserver-sg)
- Create Custom AMI From Instance
- Create Application Load Balancer (ALB) (webserver-alb). Also configure ALB SG (webserver-alb-sg) and routing (webserver-tg)
- Create ASG (asg-sg) Security Group receiving traffic only from ALB SG (webserver-alb-sg)
- Create Launch Template (webserver)
- Create Auto Scaling Group (webserver-asg)
- Create Cloud9 environment (test-env) in public subnet (pub1)
- Access Instances and run stress tool
- Verify whether complete lab setup is working fine or not
- Delete Lab Resources