Default VPC

AWS Region (Mumbai)

Availability Zone A
(ap-south-1a)
172.31.32.0/20

Availability Zone B
(ap-south-1b)
172.31.0.0/20

Availability Zone C
(ap-south-1c)
172.31.16.0/20

Default VPC
172.31.0.0/16
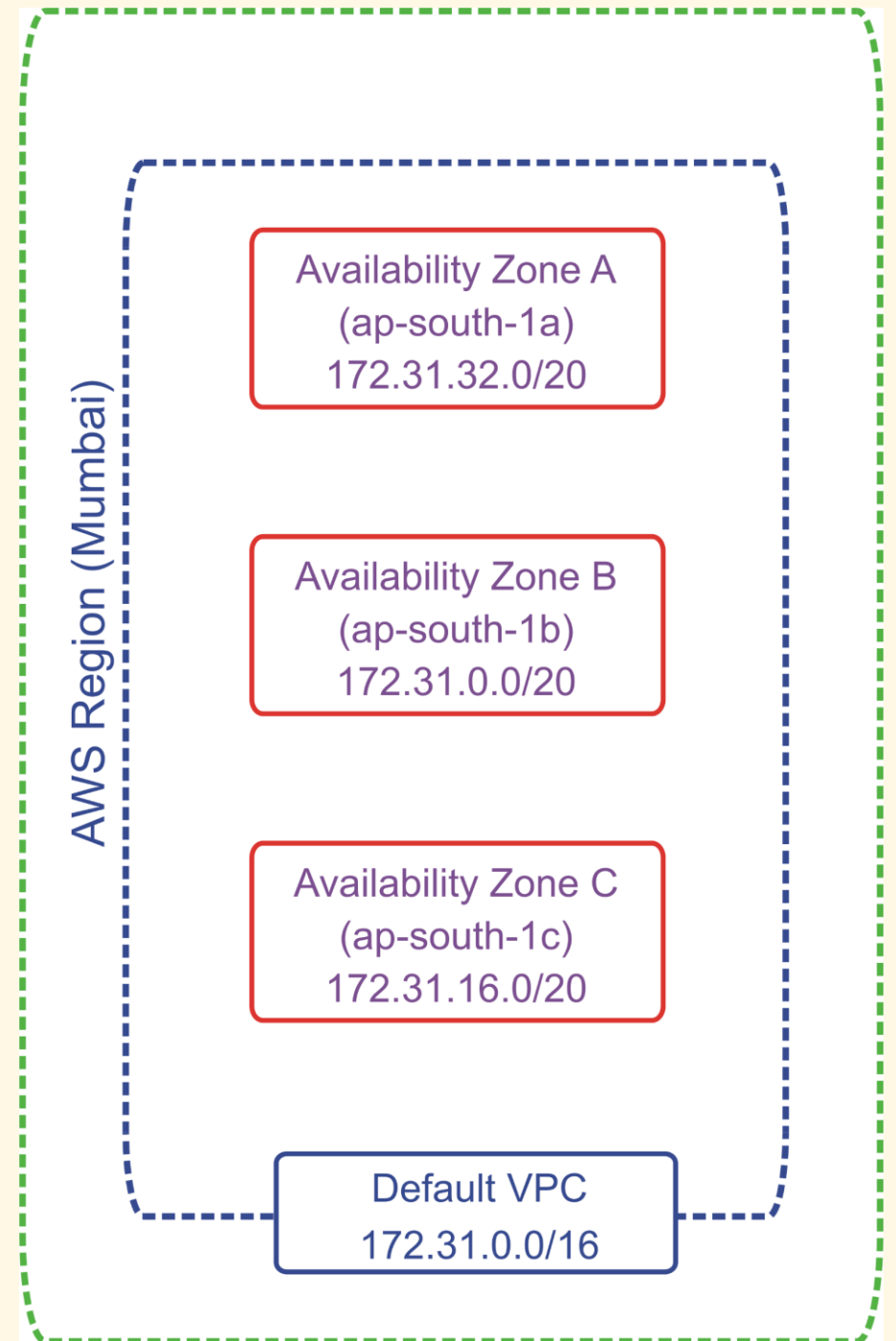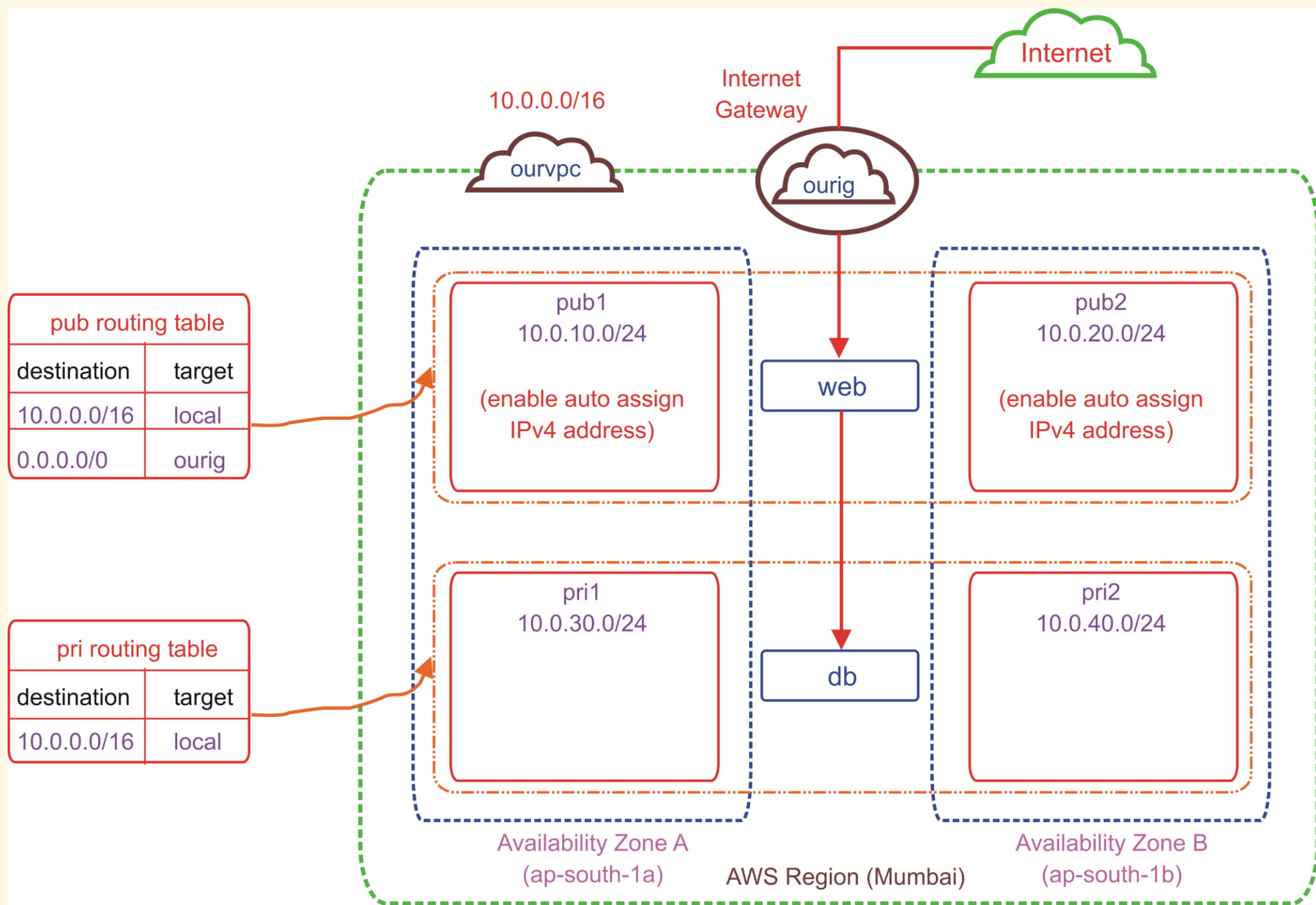
Custom VPC Step by Step

- VPC Lab Setup Details

- Create Custom VPC (ourvpc)

- Create Public Subnets (pub1, pub2) and Private Subnets (pri1, pri2)

- Create Internet Gateway (ourig) and Attach to VPC

- Create and Configure Routing Table (pub routing table)

- Create Webserver Security Group and Add Rules (web)

- Launch Internet Facing Linux Apache Web Server Instance (webserver)

- Create Database Security Group and Add Rules (db)

- Create Subnet Group For Database Using Private Subnets (db-subnet)

- Launch Backend RDS Instance (ourdb)

- Connect To Webserver Instance Using Putty

- Deploy Simple PHP/MySQL Application in Custom VPC

- Delete Custom VPC and Resources