

*How to create VPC:-

- VPC ✓
- Search VPC → Your VPCs → (AWS)
 - has default VPC → create VPC → Name
 - Name tag, optional → Given Network (10.0.0.0/16) → IPv4
 - create VPC → Your VPC area → check our created VPC will be present
 - - ↓ Then create Subnet or Internet gateways
 - create Internet gateways
 - ↓
 - Name tag (random) → Create internet Gateway
 - ↳ By right clicking attach to VPC (on gateway)
 - Available VPC (our VPC will be available) select that → Then check status / state again → It will be attached.
 - ↓ create Subnet
 - VPC ID (our VPC) → It will provide Network range → 10.0.0.0/16
 - Subnet Name → Availability zone
 - IPv4 / CIDR → 10.0.2.0/24 Block
 - ADD New Subnet

Subnet 2 of 2

→ Again same procedure, only change
IPv4 → 10.0.1.0/24 → use diff IP address
→ create subnet (Both private & public created)

↓ create
Route Table

Name (Any random) → VPC (our own)
→ create route table

→ Table will be get created

→ Select the route table (check options below) → Click on routes → Edit routes → Add route → Select IP 0.0.0.0/0 (Wild card IP)

→ next box → Select Internet gateways

→ Save changes

↓ subnet association
(next to routes)

*** → Select first option → Edit subnet association

→ Select public Subnet → Save association.

↓ then search for ec2

Create Instances → Launch Instances

one E2 for public + one for private.

Name & tag → my-e2-pub (random)

→ operating system (selection)

→ key ^{Pair} login (for SSH public key)

→ create new pair

→ key pair name (random name)

→ key pair type (RSA) X

↳ automatically got selected

→ Network setting → Edit

→ VPC required (select own)

→ subnet → my-sub-pub (select)

→ Auto-Assign public IP → Enable

→ Security groups:-

→ Type: ~~SSH~~ HTTP → Add one ① SSH ② HTTP

→ Source type: ~~Anywhere~~ custom Anywhere

→ Config storage (No change)

→ Security grp 1)

SSH + Anywhere

2) HTTP + Anywhere

→ Launch Instance.

↓
again security rule 2

↓
Launch instance

Name → Private IP → Operating system

→ Network setting →

→ VPC (for private

→ Auto public IP : Disable

→ Launch instance

Two EC2 Instance └→ Public
└ Private.

If we want enable DNS

EC2 → Edit DNS Host Name

→ Enable It

→ ^{select} Save

running Instances → DNS will be available.

Open Terminal / Command Prompt.

• cd Downloads → chmod 400 Papazz.pem
(remain something / commands)

→ ssh -i Papazz.pem (URL of DNS from AWS account)

→ ssh -i Papazz.pem (URL from AWS account)

→ apt install docker