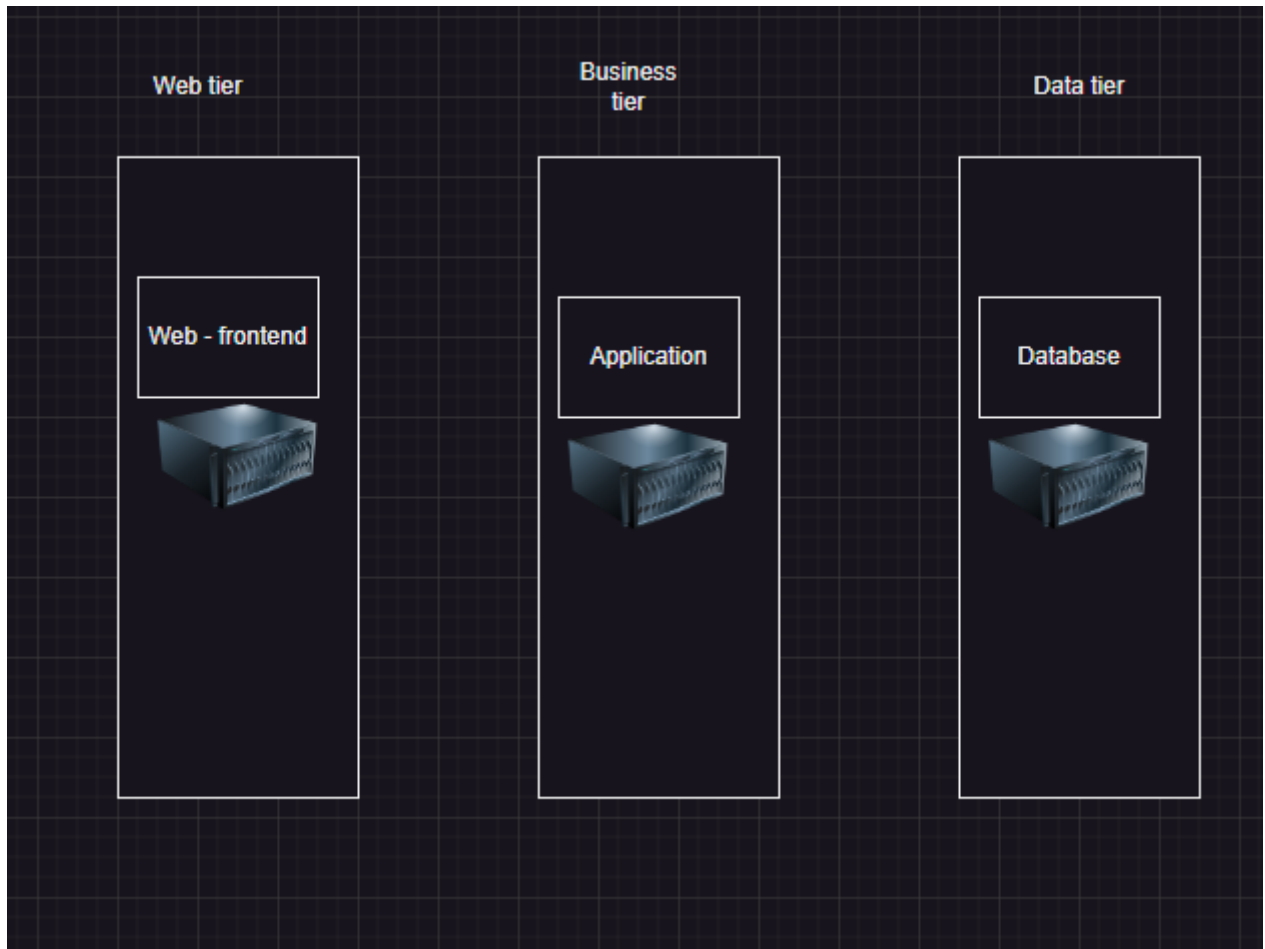


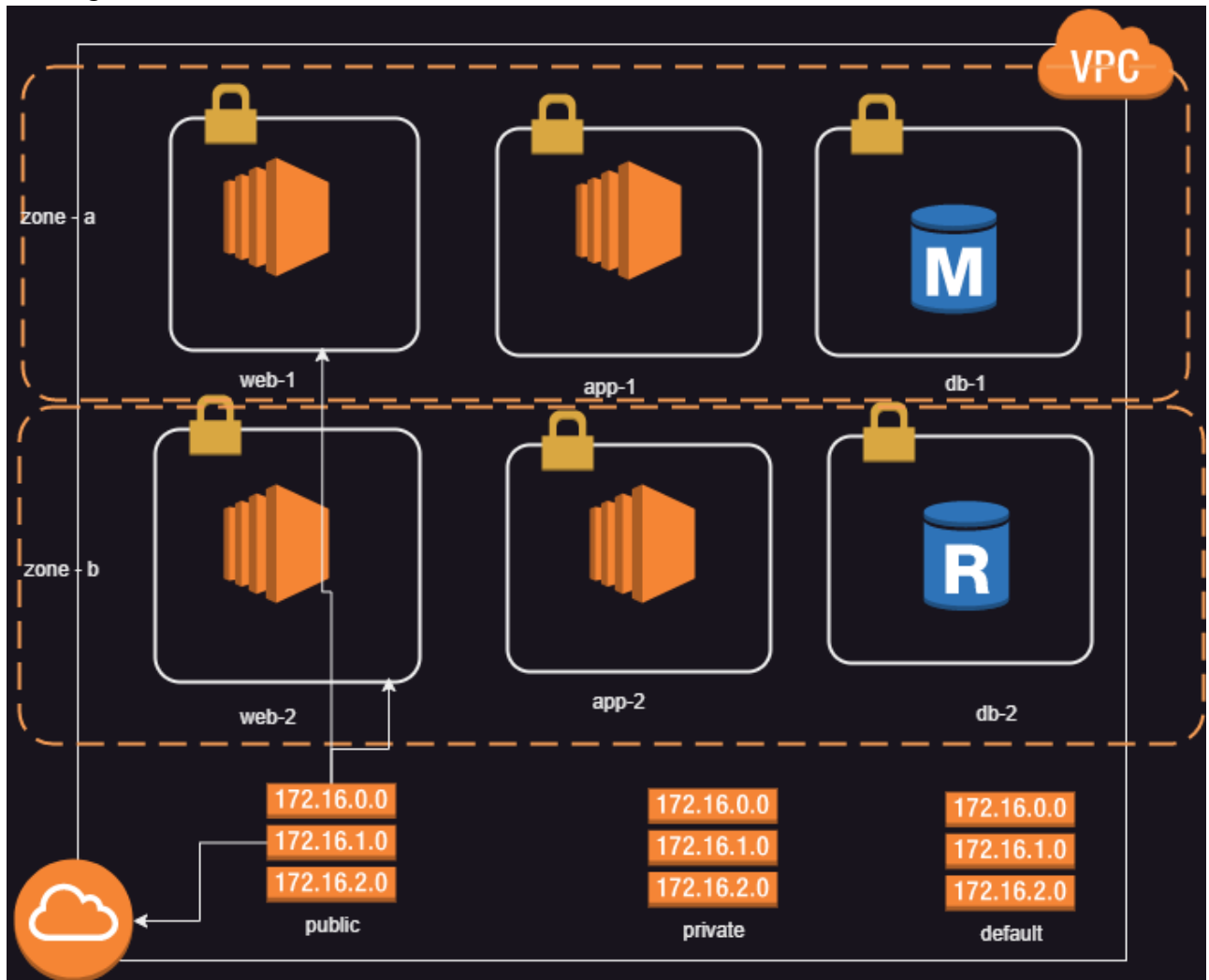
AWS Networking contd

- Lets look at ntier architecture



- Web tier should be publically accessible, whereas application and db tier should be private

- To design this in AWS the network will be as shown below



Lets create a vpc according to the image shown above

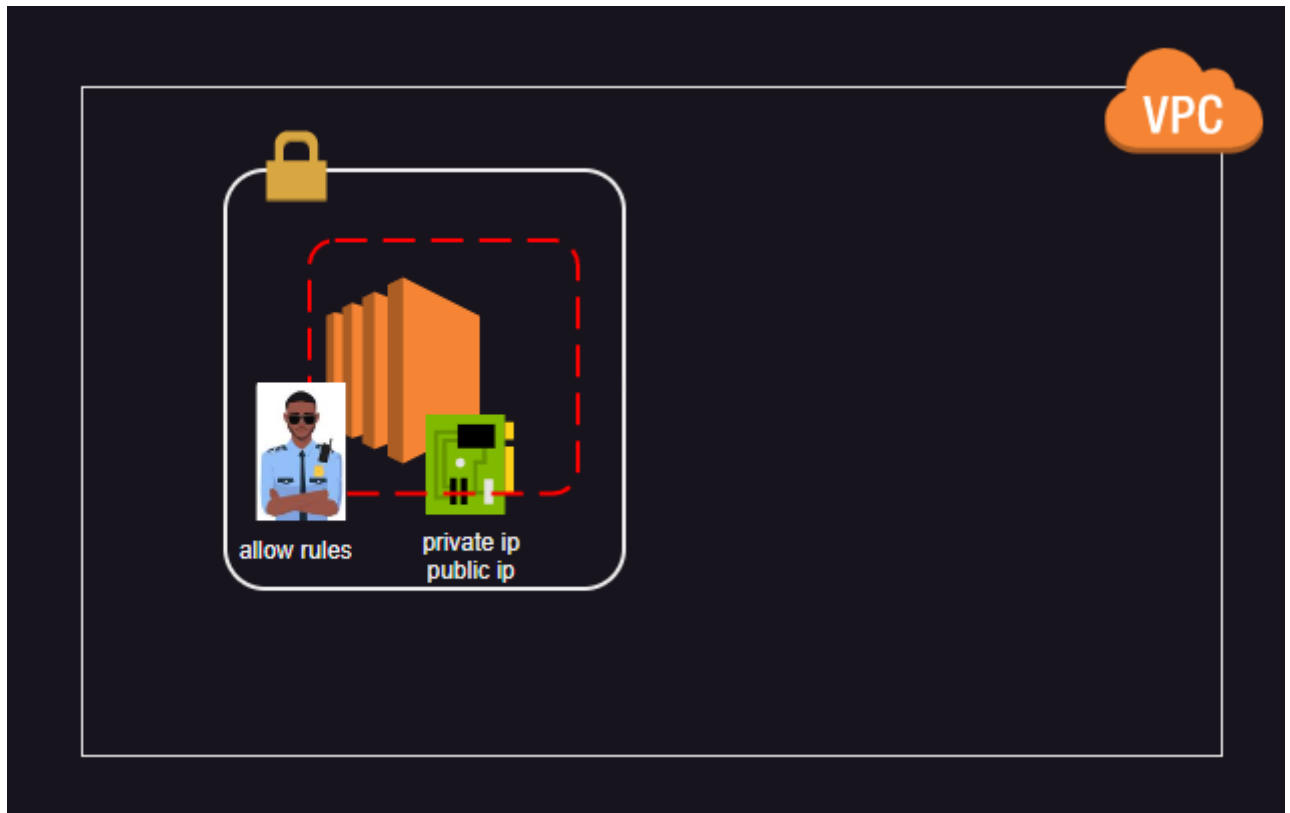
- for screenshots refer classroom video
- Private subnet can get internet access with the help of NAT Gateway hosted in public subnet. Also modify the routes in private route table to forward the internet traffic (0.0.0.0/0) to NAT - Gateway.

Egress only internet gateway

- Ingress means incoming traffic
- Egress means outgoing traffic
- Egress only internet gateway is attached to the vpc where complete vpc is private and requires internet access

Security Group

- [Refer Here](#) for official docs



- Security group can filter the incoming network traffic based
 - source ip
 - protocol:
 - TCP
 - UDP
 - icmp (ping)
 - port number
- Restriction on the basis of source ip
- A network interface (elastic network interface) can be connected to multiple security groups