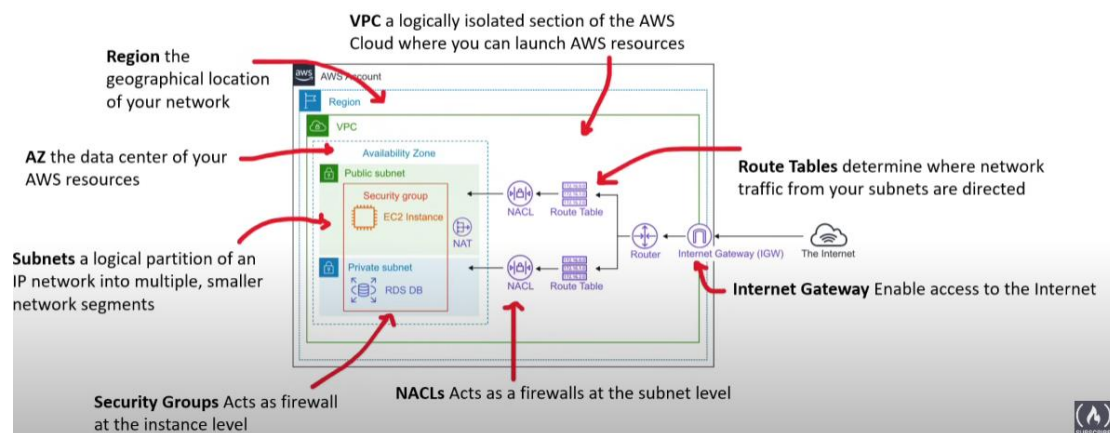
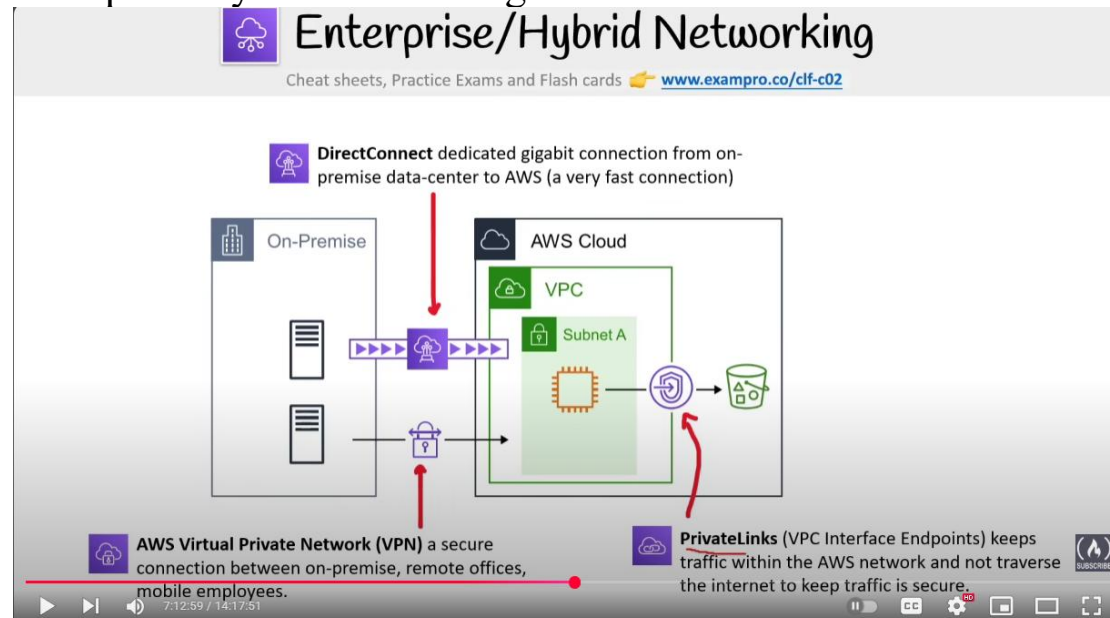


Cloud native networking services



Enterprise/Hybrid newtorking



VPC (Virtual Private Cloud): It is a logically section of the AWS network where you launch your AWS resources. You choose a range of IPs using CIDR range.

Subnets a logical partition of an IP networking into multiple smaller network segments.

A public subnet is one that can reach the internet

A private subnet is one that cannot reach the internet

Security Groups VS NACLs

Network Access Control Lists (NACLs)

Acts as a virtual firewall at the subnet level. You create Allow and Deny rules.

eg: Block a specific Ip address

Security groups:

Act as a virtual firewall at the instance level. Implicitly denies all traffic. You create only allow rules. Eg allow EC2 instance access on port 22 for SSH. Eg You cannot block single IP address

