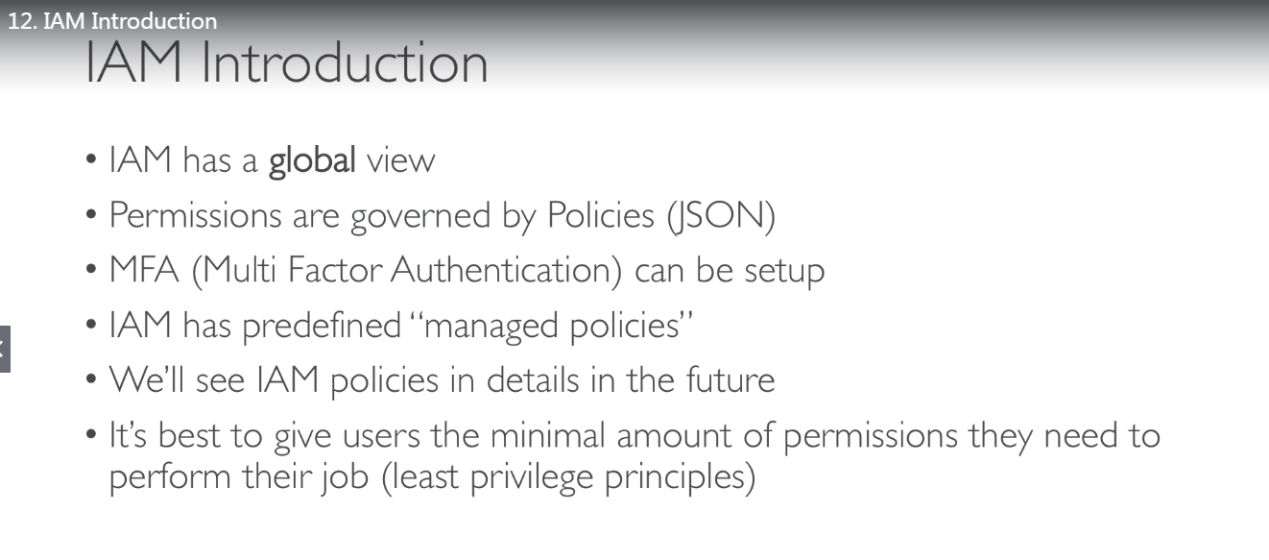
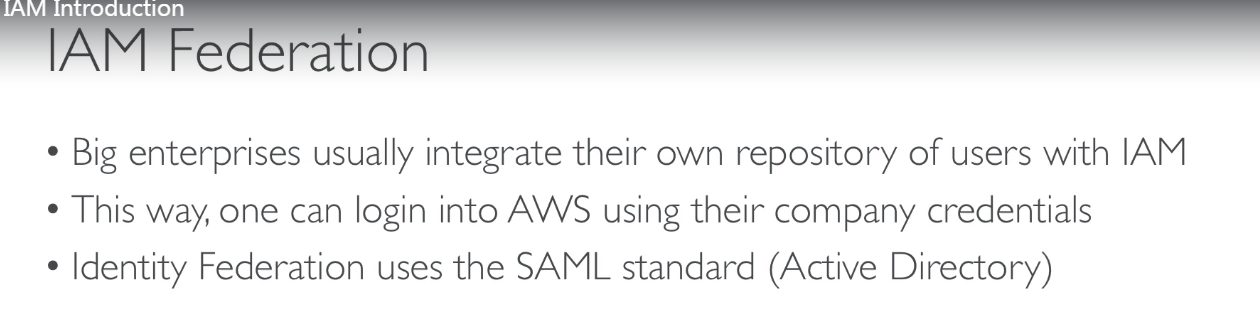
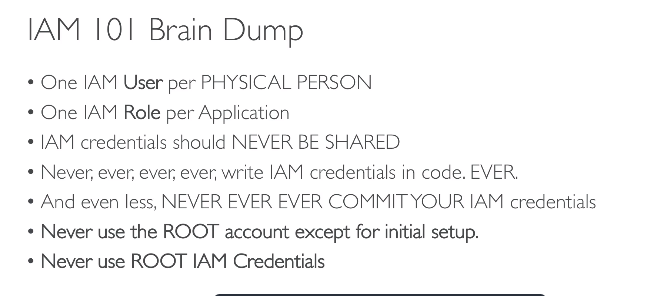
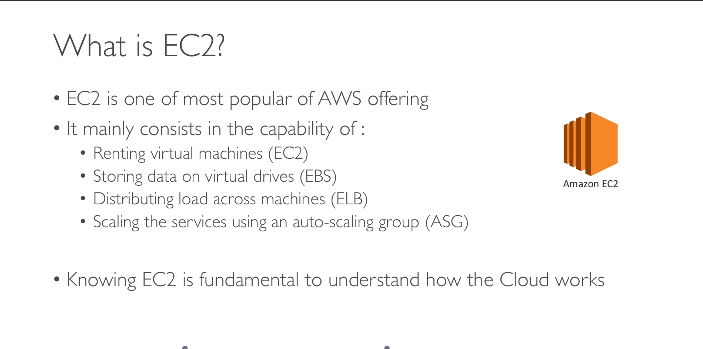


Users are for person; Roles are for resources





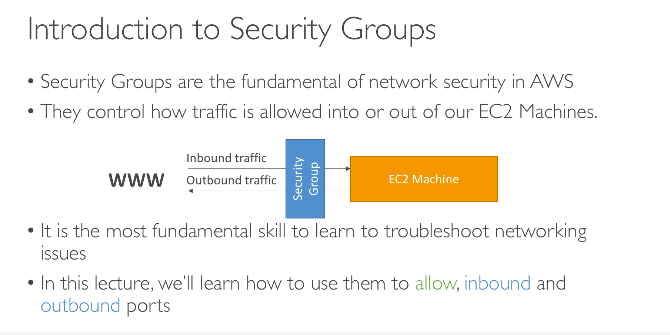


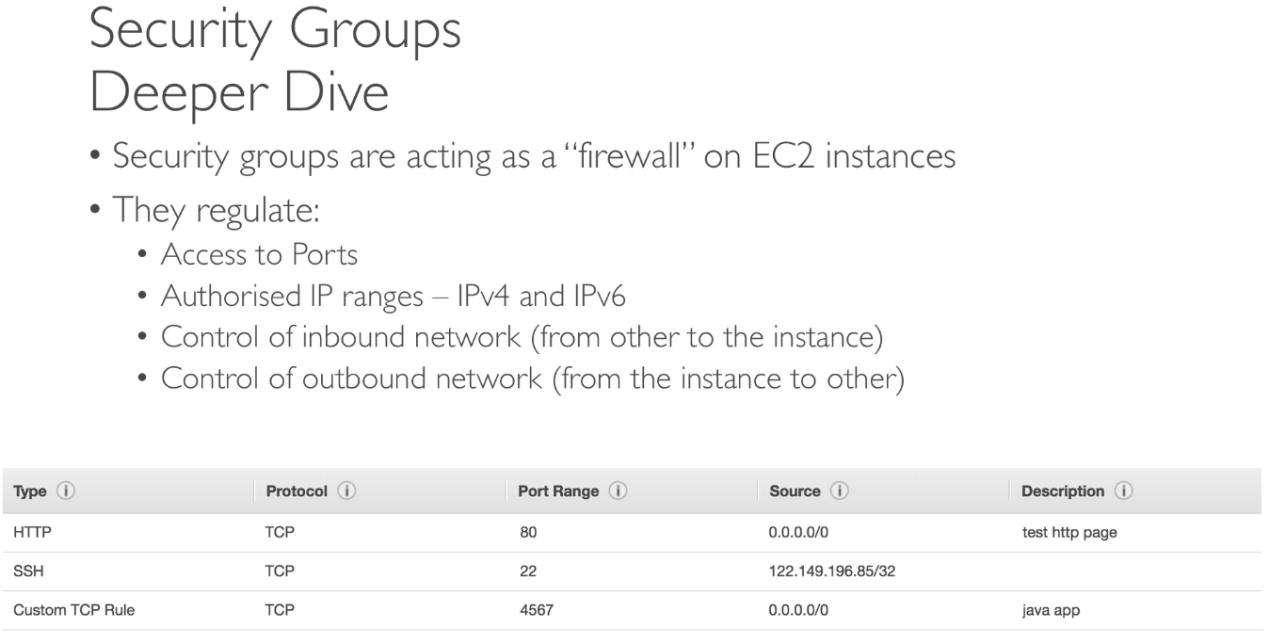


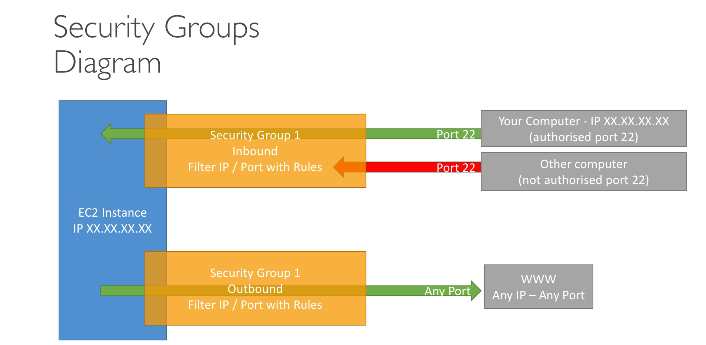
Security Group is like a firewall of EC2 instances

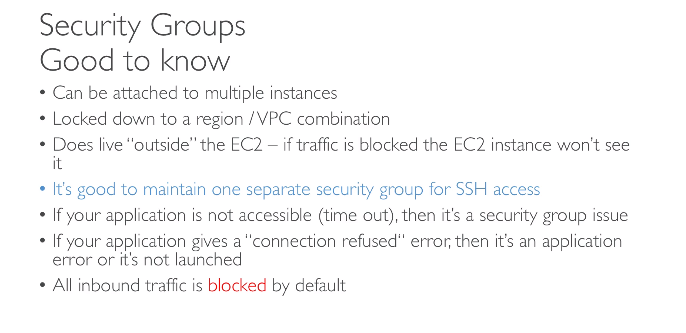
SG defines who is allowed to access EC2

SSH uses TCP over port 22, if we want to SSH to our EC2 instance, we need to configure SG to allow connection on port 22

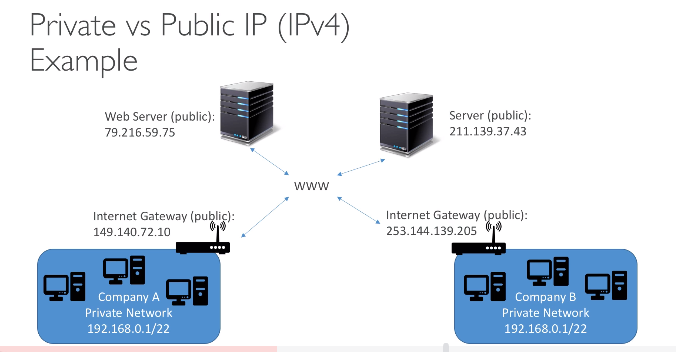


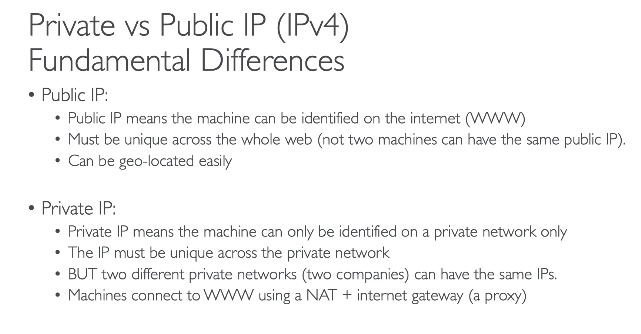


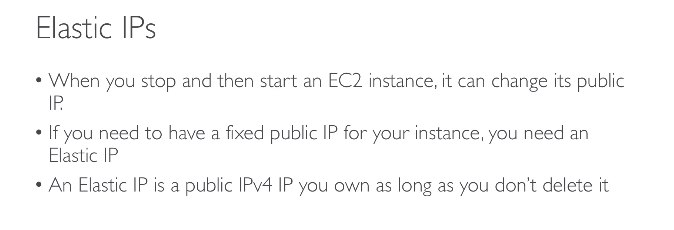


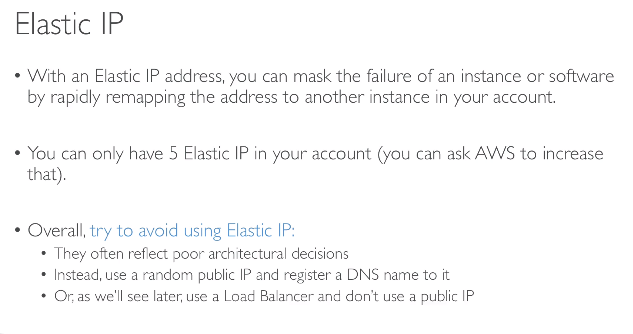


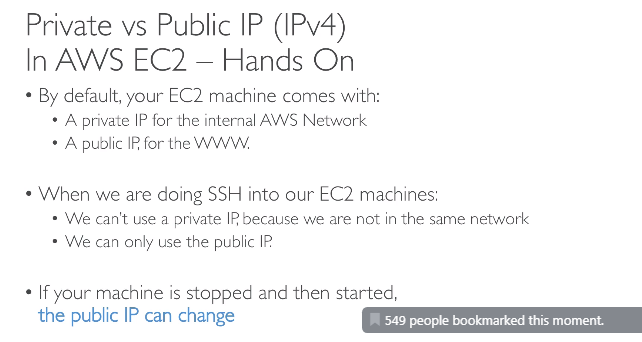
Security Group can also refer to another Security Group



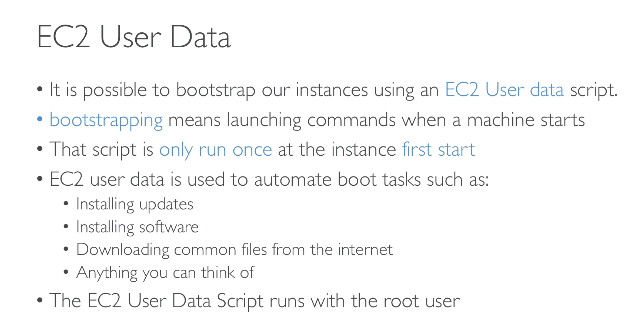






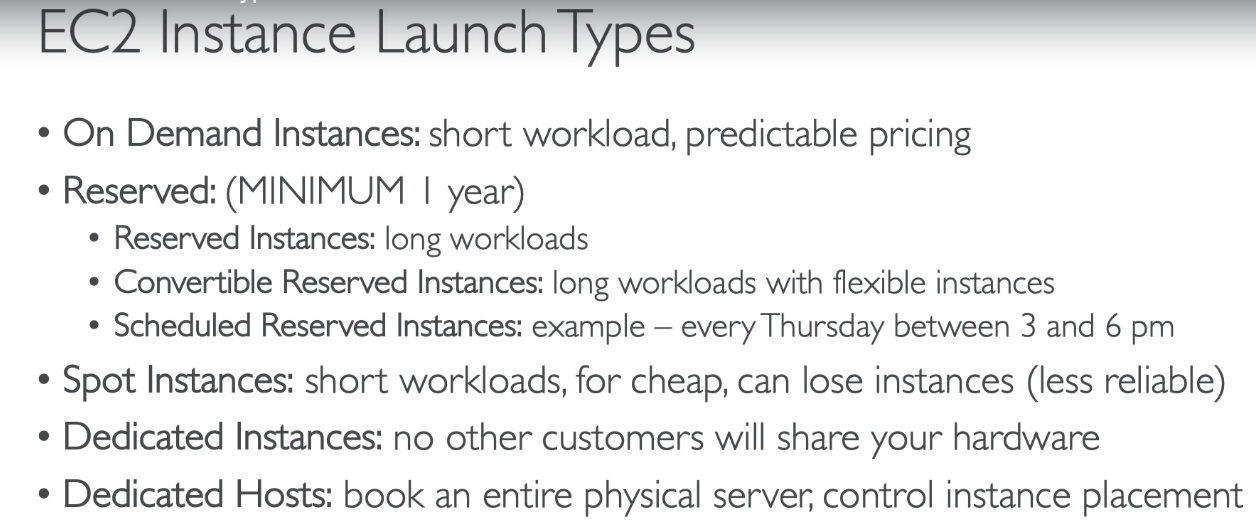


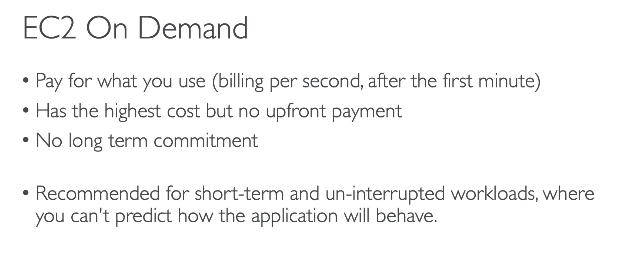
If you stop and start your EC2 instances, the public IP of EC2 instance will be changed , the private IP will not.

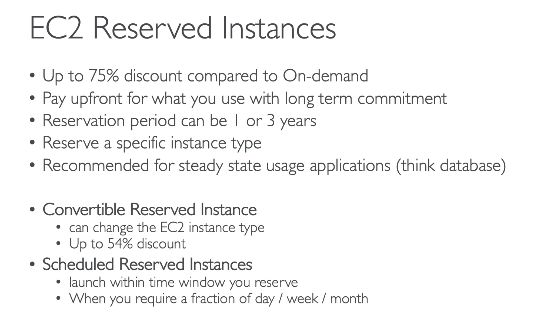


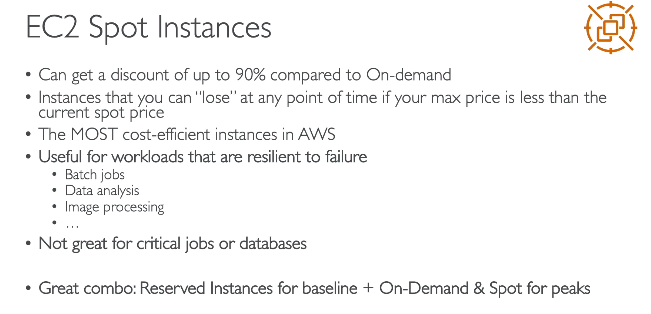
User Data script must start with

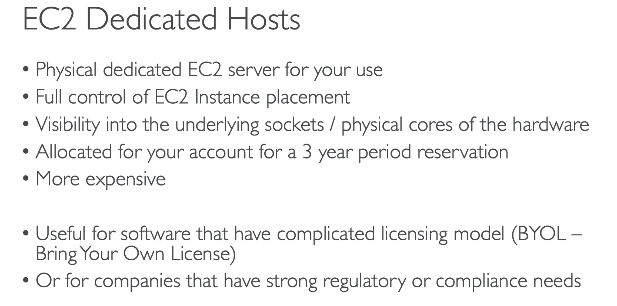
#!/bin/bash

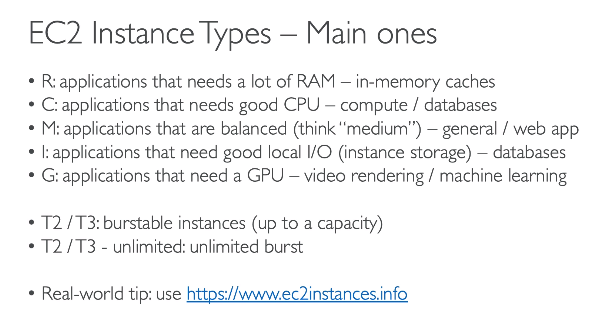


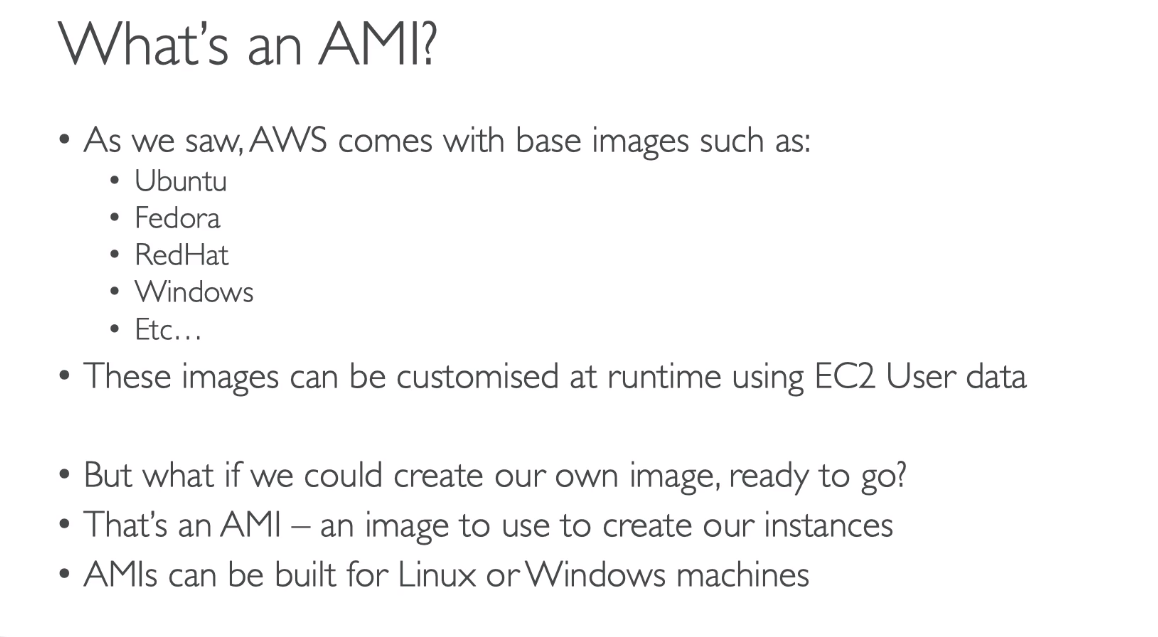


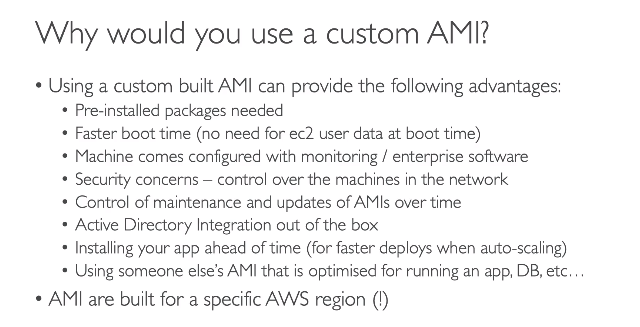


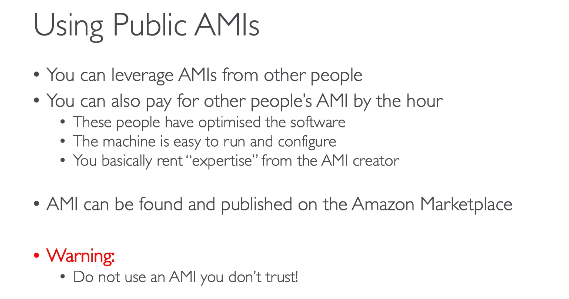


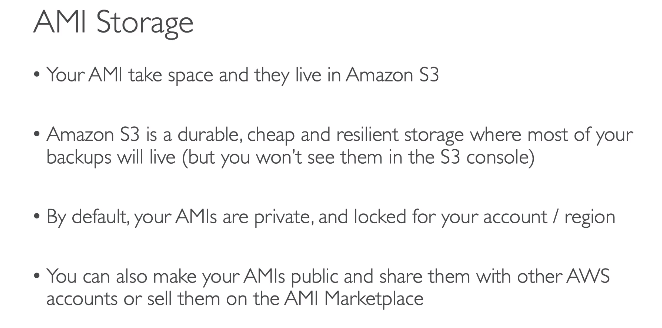


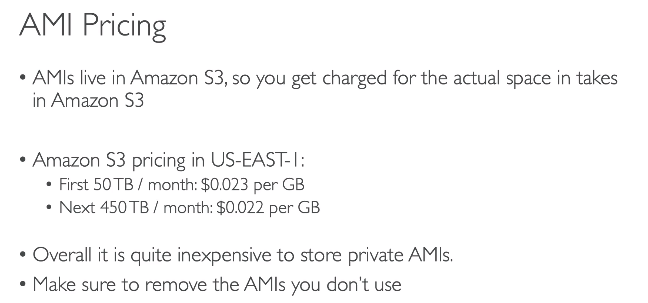


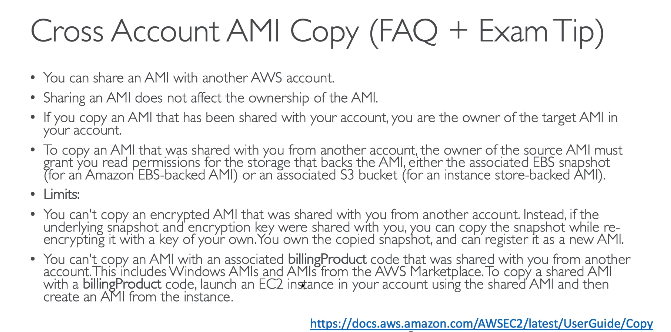


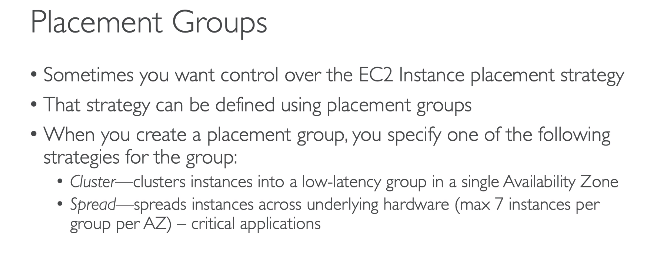


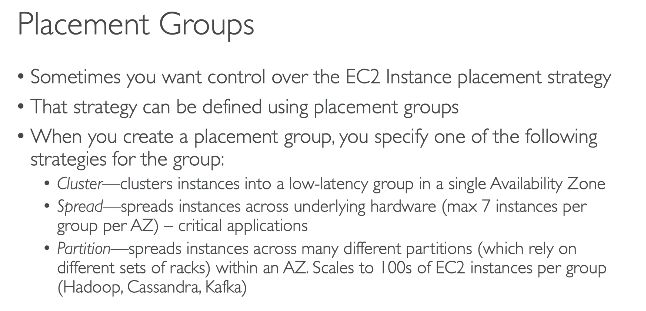


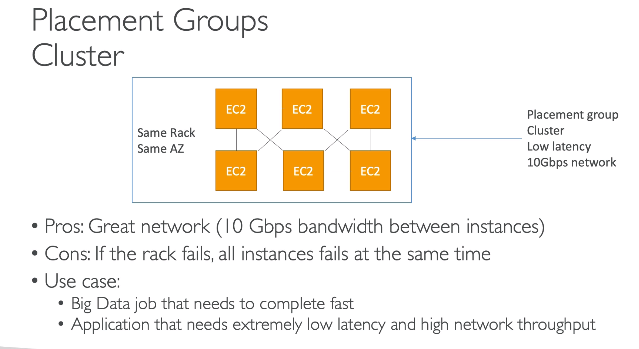


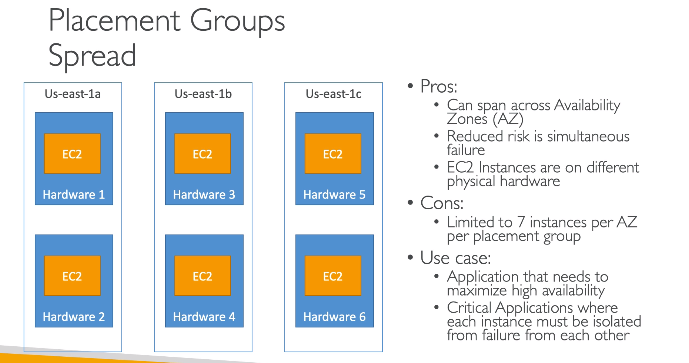


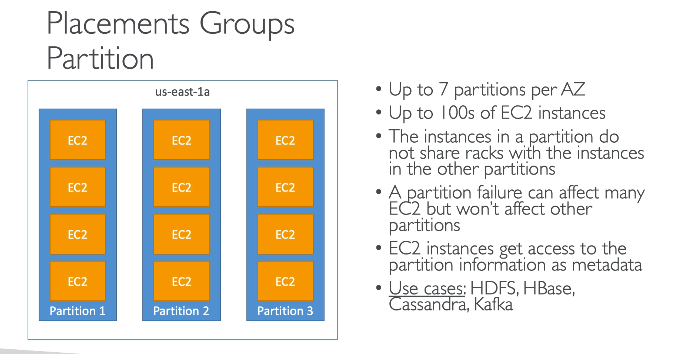


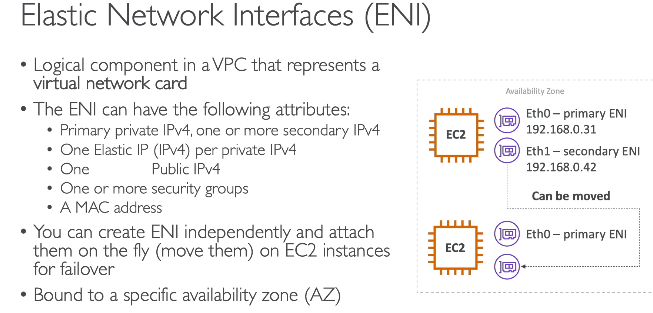












Eth0 is the primary ENI and cannot be detached.

Eth1 is the secondary ENI, can be detached and attached to another EC2 instance.

