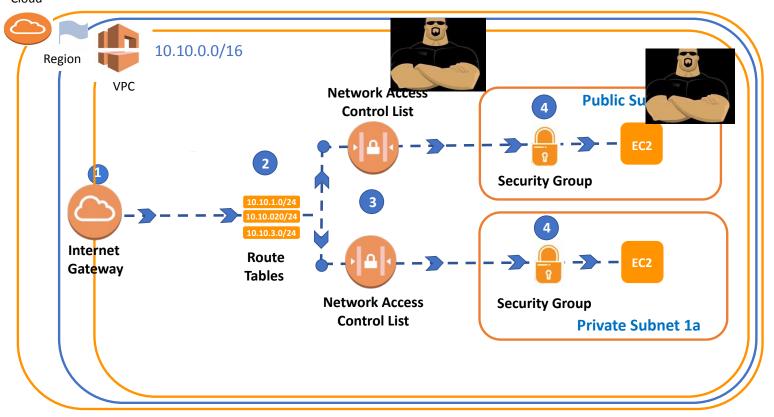
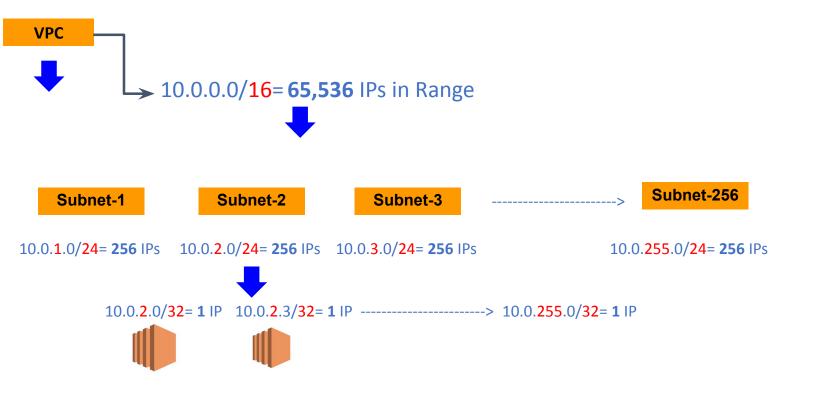


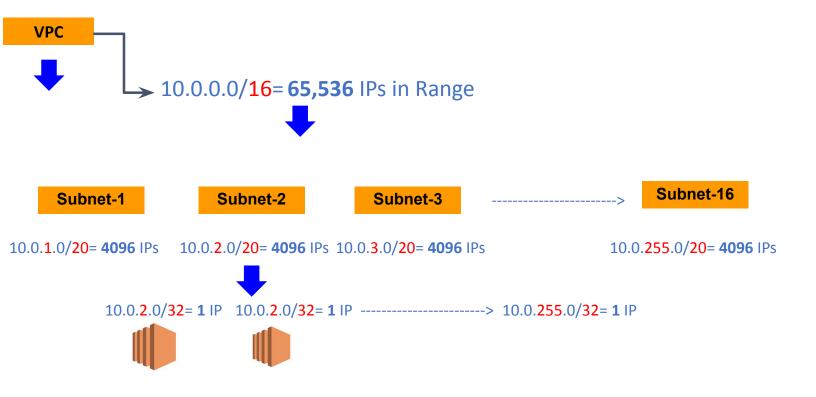
Cloud

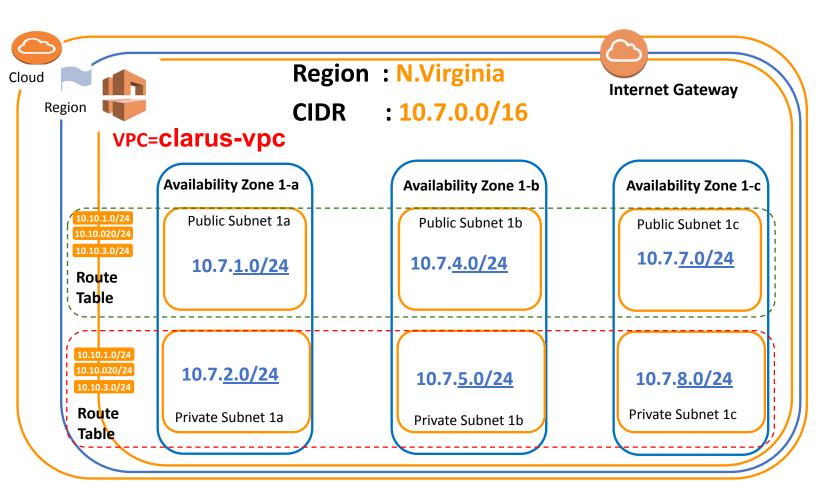


65,536/256= 256 SUBNETS



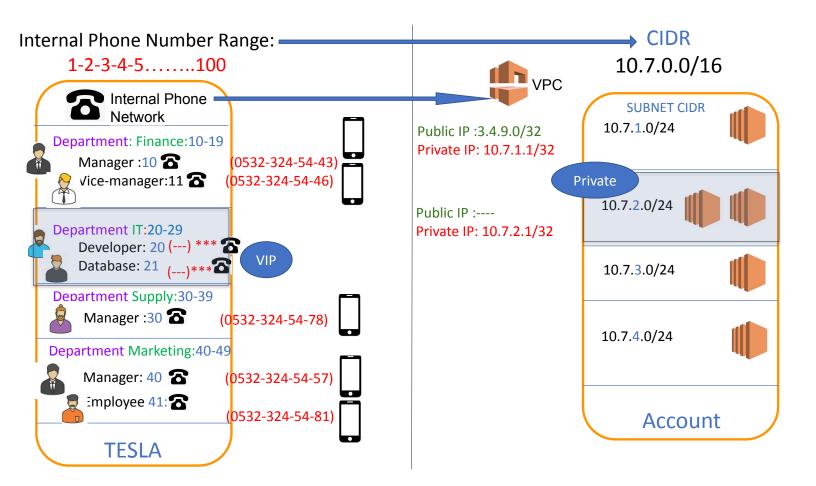
65,536/4096= 16 SUBNETS





Internal Phone Number Range: 1-2-3......100 Internal Phone Network Department: Finance:10-19 Manager :10 🅿 0532-324-54-431 Vice-manager:11 🏠 (D532-324-54-46) Department IT:20-29 Developer: 20 (---) *** VIP Database: 21 (___)*** Department Supply:30-39 Manager :30 (0532-324-54-78) **Department Marketing:40-49** Manager: 40 (D532-324-54-5 mployee 41: D532-324-54-81 **TESLE**

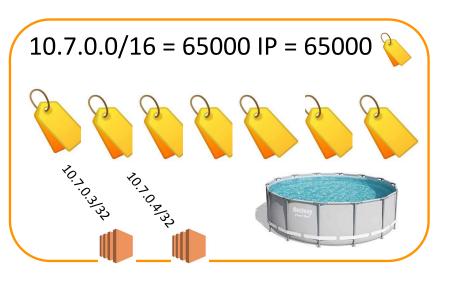




VPC CIDR Bock

Labeling

Internal Communication





How is it possible to use the same CIDR block for all of us?

SSN:01-A-2345-4563



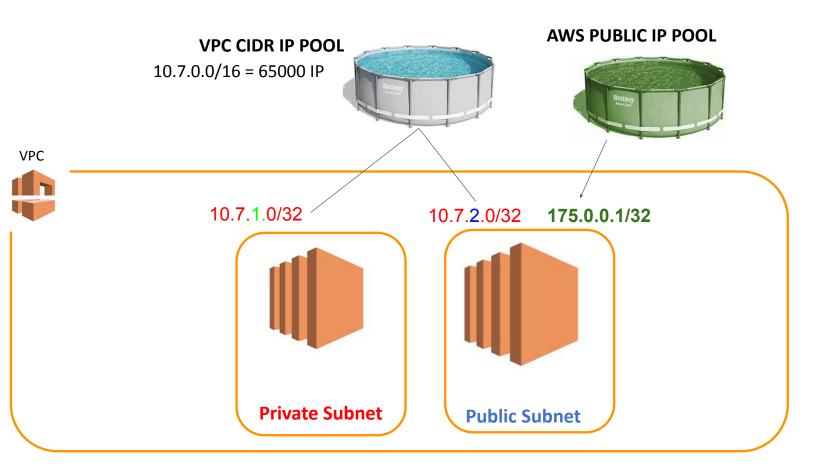
SSN:02-C-98756H64

VPC 1=House 1



VPC 2=House 2





Name tag: clarus-vpc

IPv4 CIDR block: 10.7.0.0/16

Create VPC

Create IGW

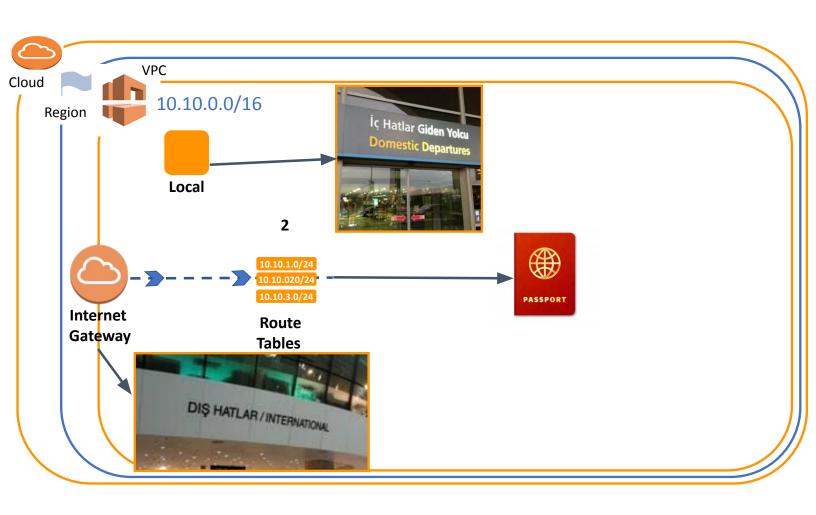
IGW Action Menu: Attach IGW to VPC

Set the VPC Route Table: 00000:/0 > IGW

VPC Action Menu:

Edit DNS Hostname

Name Default Route Table: default-labvpc



Name tag: clarus-vpc-a

IPv4 CIDR block: 10.7.0.0/16

us-east-1a

- public
- clarus-az1a-public-subnet
- us-east-1a

10.7.1.0/24 10.7.1.85

- private
- clarus-az1a-private-subnet
- us-east-1a

10.7.2.0/24

Spare...

us-east-1a 10.7.3.0/24

us-east-1b

- public
- clarus-az1b-public-subnet
- us-east-1b

10.7.4.0/24

- private
- clarus-az1b-private-subnet
- us-east-1b

10.7.5.0/24

Spare...

us-east-1b 10.7.6.0/24

us-east-1c

- public
- clarus-az1c-public-subnet
- us-east-1c

10.7.7.0/24

- private
- clarus-az1c-private-subnet
- us-east-1c

10.7.8.0/24

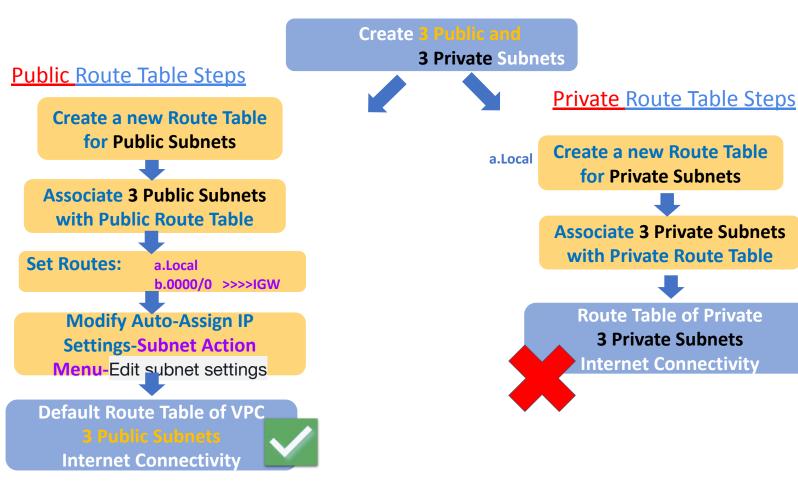
Spare...

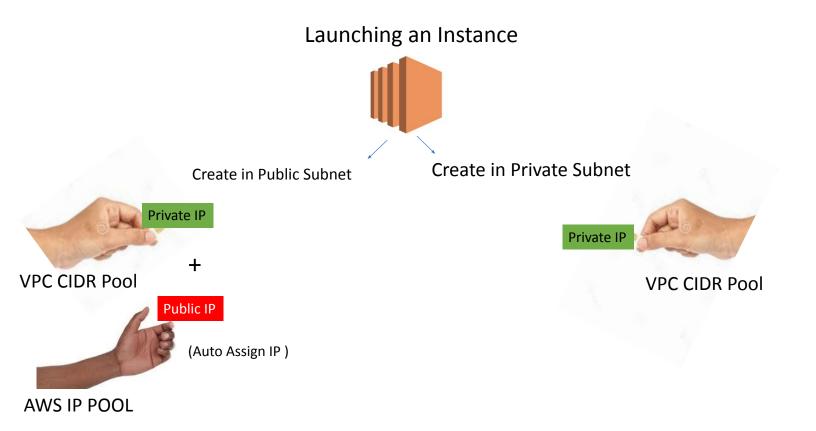
us-east-1c 10.7.9.0/24 1- All Subnets are associated with Default Route Table Implicitly

2- By default all subnets are
PUBLIC !!!!!! a.Local
b.0000/0 >>>>IGW

Conclusion

Current= 6 Public PUBLIC RT Desired= 3 Public 3 Private PUBLIC Option-2 Option-1 PUBLIC **DEFAULT RT PRIVATE RT DEFAULT RT** PUBLIC PRIVATE **PRIVATE RT** PUBLIC PRIVATE PUBLIC PRIVATE







Route Tables





Private Subnets
Internet Connectivity

Public Subnets Internet Connectivity

