

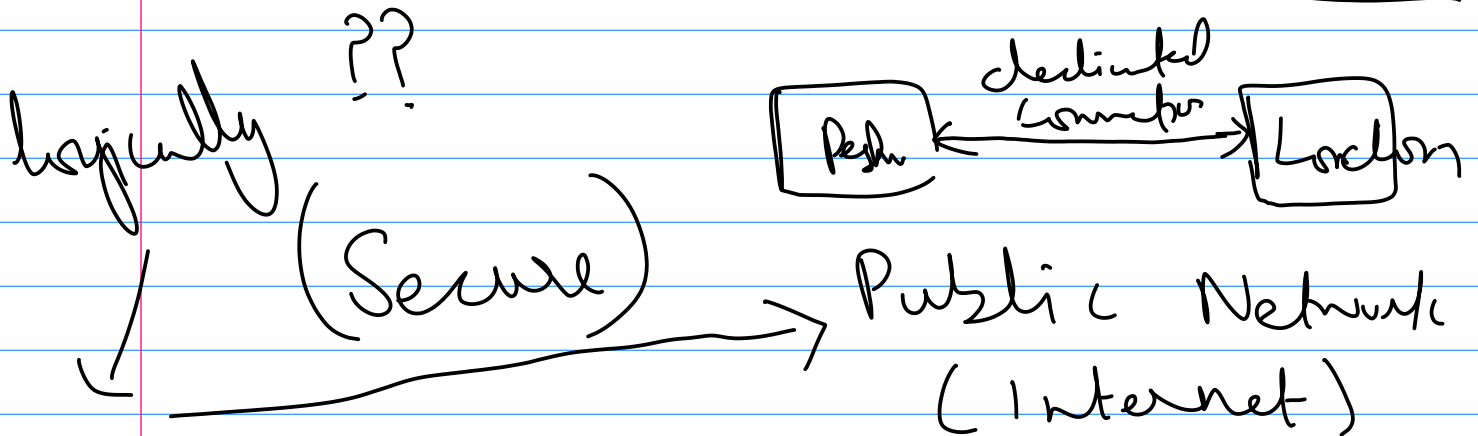
Week - 3

VPC → Virtual Private

Theory → Cloud

-) IP's
-) VPN
-) Subnetting

✓ Virtual Private Network



Virtual Private Cloud

Public Cloud

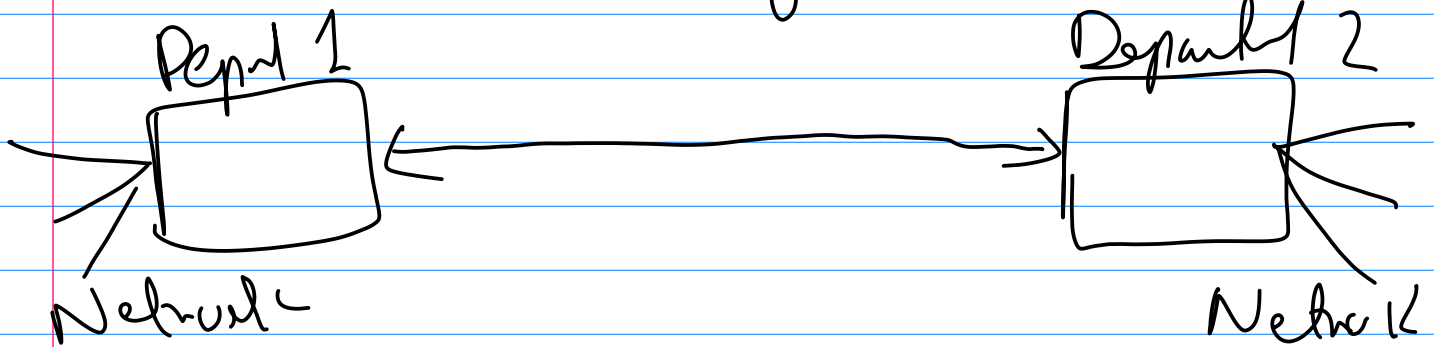
Private Cloud

AWS
Azure
Google Cloud

VPC

public cloud

University



default VPC VPC →

Addressing

Logical

IP-Addressing

IP-

Physical

-MAC

Source

IP →

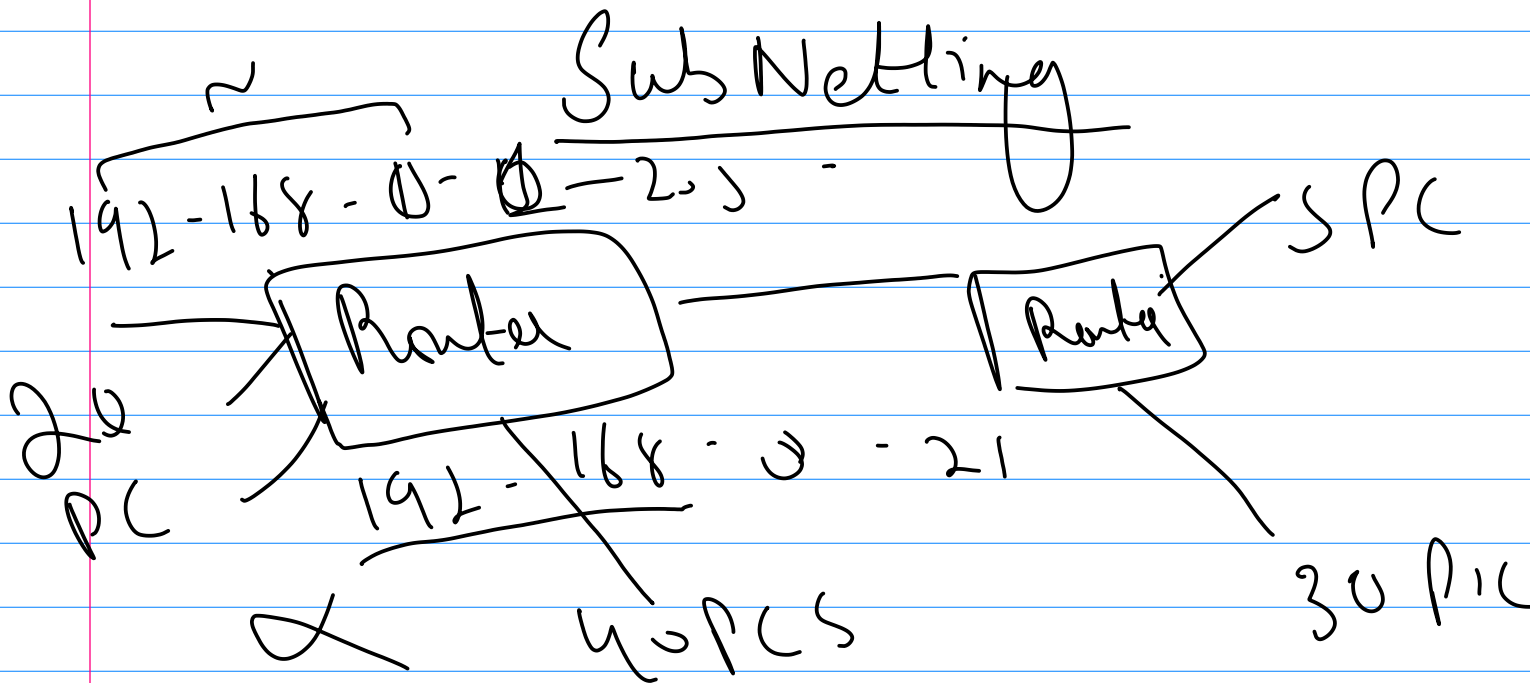
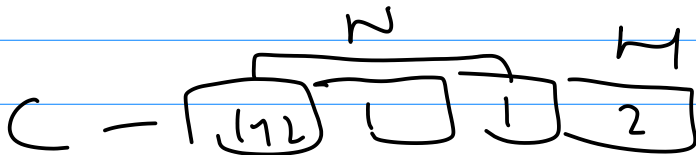
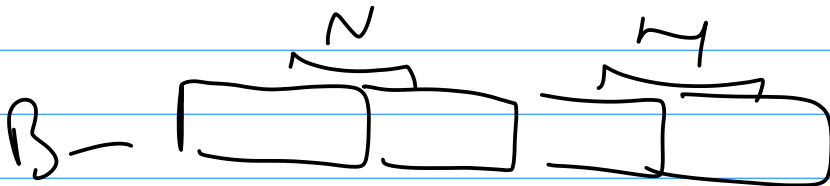
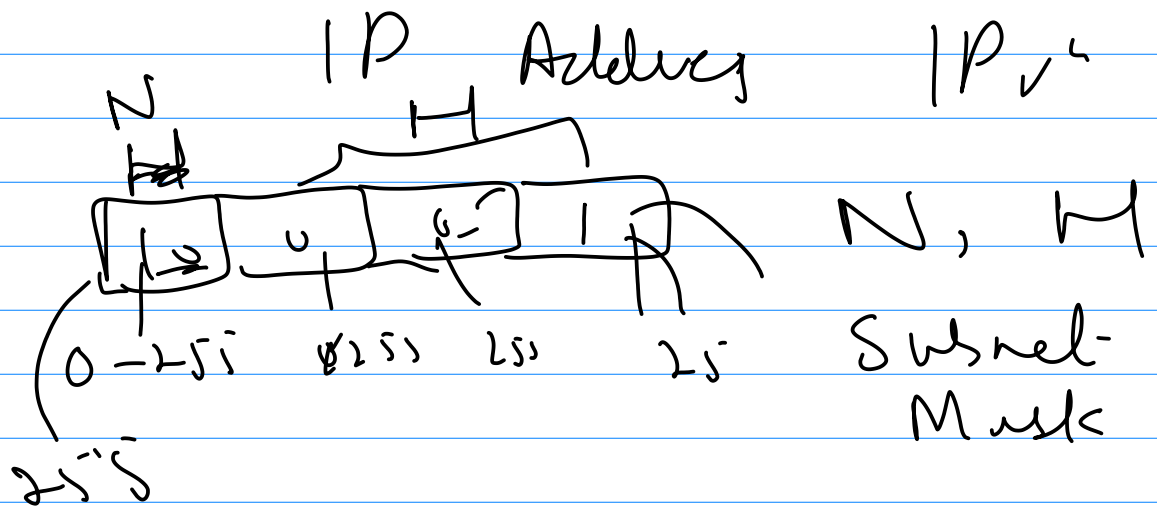
Destination

Class A 1 - 126

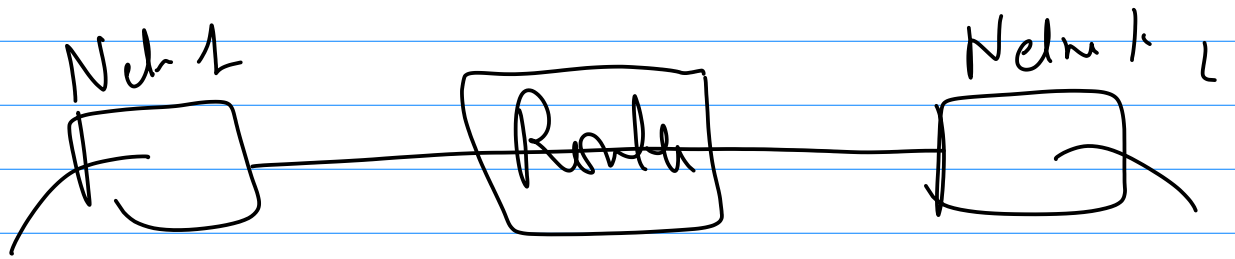
Class B 128 - 191

Class C 192 - 223

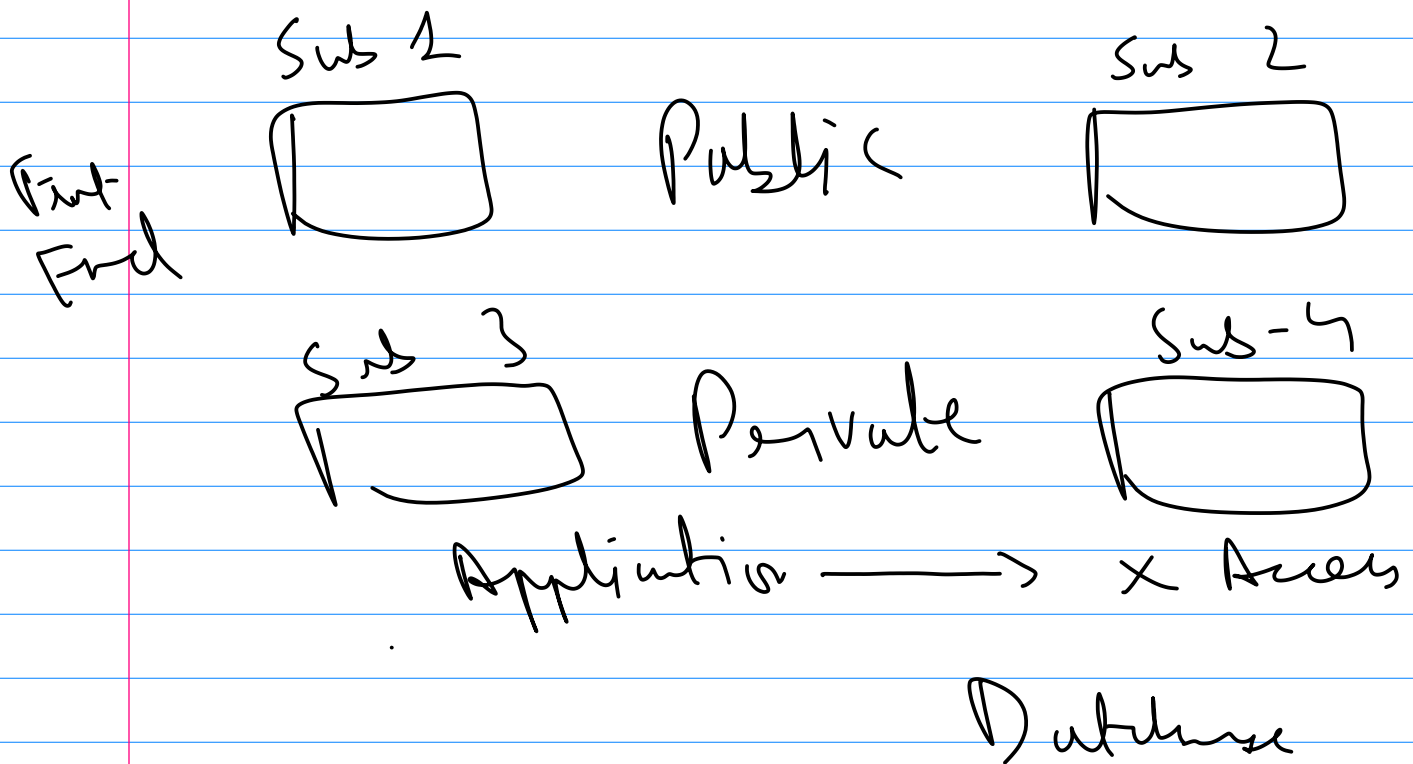
Class D



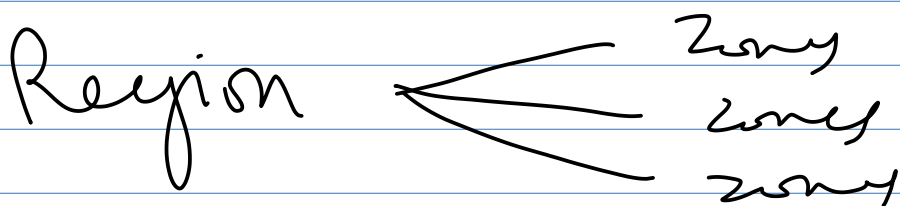
Switch — > < NIC



Router \longrightarrow Inter-connecting Device



AWS VPC



1 Region \longrightarrow 5 VPC

1 Region \longrightarrow 5 VPC

1 VPC \longrightarrow 200
Subnets

VPC \longrightarrow Region

Subnets \longrightarrow Zones