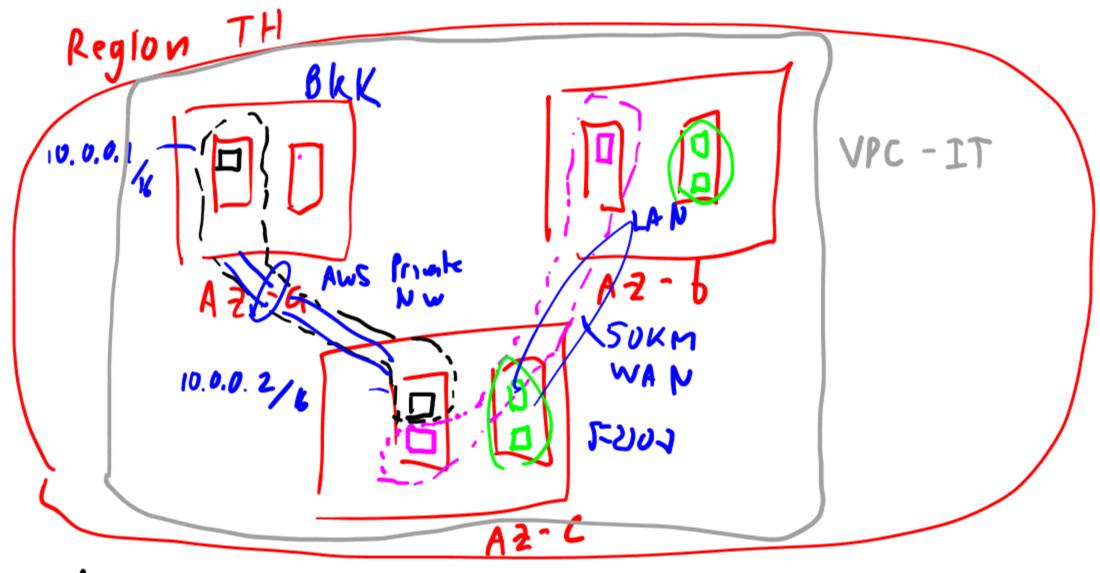
Cloud Computing weeks [Sw] - 1 Aug 2025

ACA M7 > CTRATING NOTION CONTRAINENTS

Why we need network services in Cloud environment ? security As pect > 2011 13 Isolated environment in 2 24 Min Tú iúi n's
Yé Am: Resources nos así nos ié sant [Private nétwork] > 76 Performance & à las 1802 viu Aws trivate Metwosts

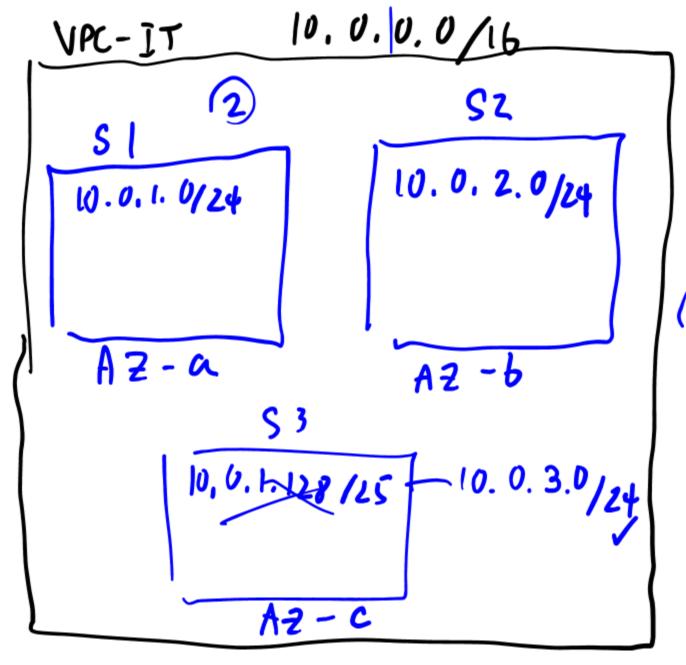


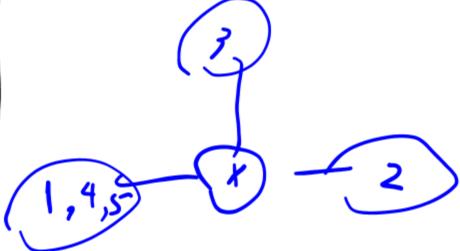
Company A

OPC 12 AWS * Addressing, * torwarding the work (assign IP) (Routing) security

(D) VPC 2: NOVADA Region in nous VPC 1/4 AWS 2 ZIRMON MINNO JA VPC LO 18 address Block -> Private 18 range 10.0.0.0/8 172,16.0.0/12 192. 16P.00 /16 UNTO IP Block Injugan Aws support = $= /285^{24-2}$

1P 11/2= block 5 620 f AWS Reserve Siauni -> network alless 71 oun 4 -> Future use zionzavin > Brown cast adquess. Aws Bost Practice lu assign address block (CIDR Block of UPC) 1/2 sing soing 18 50/20 4 157 /16 |WII= 055194 1155 11/2/2/5





nistiva VPC 184 Network Sus > Mrzsin Subnet (1) 1 subject assumant 1 AZ in seu 2) CIDR Block un subnet == montite subset MUN CIDA Block W UPC 5 112= avoilà overlap n'21 Subnet 24 14 UPC 1851 ru

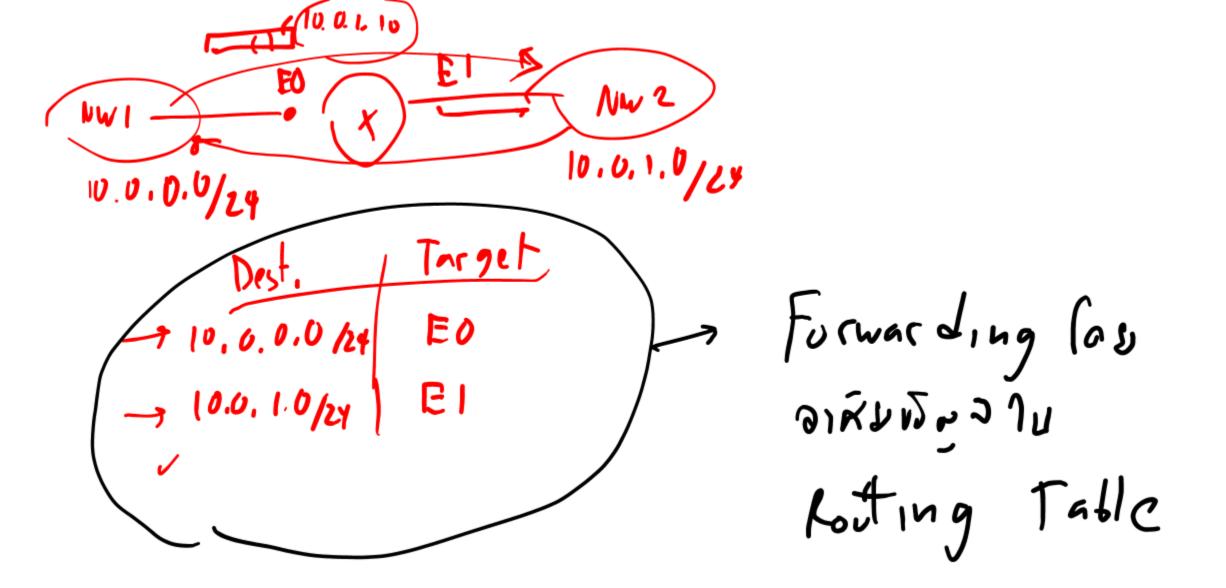
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MAN WE SILL CA

-) ni mosons throughput / Je lay ing
4 mosos LAN
4 mosos AZ instruct

CIPR Block VA VPC 10.0.0.0/16 VPC - IT so net Z subnet 1 10.0.1.0/24 10, 0, 0, 0/24 Main Route table 10.0,1.100/2 10.0.0,100 124 74. 614 07- P 10.0.0.0/6 Local associate on house tells

Region TH



AWS Mazin (Bost Practice) The STV custom Route table ziuru in 2 Requirements Munit Forwarding Template à AWS 2/14-47

Public Forwarding [Forward 71 2) 25 shu

b Public Route Table

of 14 Public Internet)

Private Foliading [Forward 7) Dagminos

nis in Public Subject Du Aws (1) Still us: Attach IBW nu Utc

- 2 and route 0.0.0.0/0 570/1GW hd Public route-table
- (3) associate Route table ru Public submet
- 4 assign Public Il riu Resources lu Public subnet

niñ, Private subret

Associate Route table à 70 à 2001 entry must Mus Edw (Private Route table)

Basic Network Security Tools us Aws 2 de lininium à lavant 5 Traffic Filtering (1) Security droup - Traffic Filtering
5-00 End point

2) Network ACL > Traffic Filtering Fair Subnet Security doup > ~ Personal Firewall - riuna rule à min (Inbound) (12. Moon (out bound) -> stateful Firewall

ODIA 1 51 -> 53 V Network ACL 52 -> 53 X VPC 10.0, 3.0/21 In allwall & 10.0.1.0/24 out alloy 10.0.1.0/20 1 Deny

Default VIC 20 VIC 20 ans SINTI na account las o-2 1 defruit VPC mo 1 Region

main (oute table ille Last option IWITE SUBJECT PA FINN is 7 in associate NU route table 70 120 0= 75 main route table Junis Forwarding