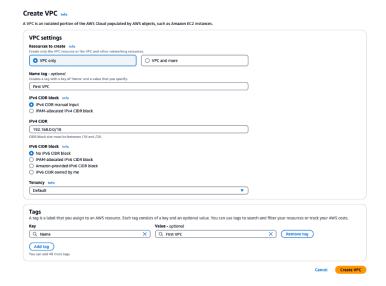
Canvas Lab - Step: Workflow of setting VPC

Type @ to insert

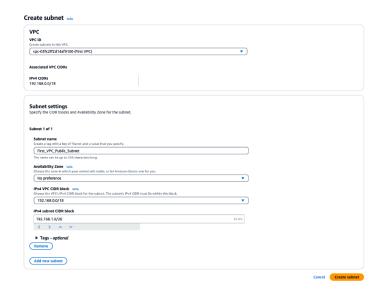
1: Create VPC only

Check the range of the IPv4 CIDR, for example: 15,000 private IP address available /18 (16,384 IPs)



2: Create public subnet

Check how many public IP address I need, for example $50 \rightarrow /26$ (63 IPs)



3: Create route table

Create route table Info A route table specifies how packets are forwarded between the subnets within your VPC, the internet, and your VPN connection. Route table settings Name - optional Create a tag with a key of 'Name' and a value that you specify. First_VPC_Public_Route_Table vpc-03fc2ff2d14af9100 (First VPC) A tag is a label that you assign to an AW5 resource. Each tag consists of a key and an optional value. You can use tags to search and filter your resources or track your AW5 costs. Key Value - optional Q Name Q First_VPC_Public_Route_Table X Remove (Add new tag You can add 49 more tags. Cancel Create route table 3.1: Add route to toute table Route table \rightarrow routes tag \rightarrow edit routes \rightarrow add route VPC > Route tables > rtb-0bfb972bdd3c63081 > Edit routes **Edit routes** Destination Target Status Propagated 192.168.0.0/18 local Q local Q Remov Q 0.0.0.0/0 Internet Gateway Remov Q igw-02ef2b7eb569c3988 × Add route Preview Save changes 3.2: Subnet Associate (edit from without explicit to explicit) before: rtb-0bfb972bdd3c63081 / First_VPC_Public_Route_Table Details Routes Subnet associations Edge associations Route propagation Tags Explicit subnet associations (0) Edit subnet associations Q Find subnet association < 1 > 0 Name ▼ | Subnet ID ▼ I IPv4 CIDR ▼ | IPv6 CIDR No subnet associations You do not have any subnet associations. Subnets without explicit associations (1) Edit subnet associations

▼ | IPv4 CIDR

192.168.1.0/26

< 1 > 0

▼ | IPv6 CIDR

After:

Q Find subnet association

First_VPC_Public_Subnet

Name

The following subnets have not been explicitly associated with any route tables and are therefore associated with the main route table:

subnet-048aba62ef4d5b40f

▼ | Subnet ID

4: Create Internet Gateway

4.1: attach IGW to VPC

5: Check NACL

check the inbound rules and outbound roles (100, that states that all traffic, all protocols, all port ranges, from any source (0.0.0.0/0) are allowed to enter (inbound) the subnet. The asterisk * indicates that anything else that does not match this rule is denied.)

6: Create SG

6.1: Inbound rule

Done!