1.CREATING VPC

Your VPCs (1/2) Info   ↻   Actions ▼   **Create VPC**

Q Search   ‹ 1 › ⚙

	Name	▽	VPC ID	▽	State	▽	IPv4 CIDR	▽	IPv6 CIDR
☐	–		vpc-0092e6cb8270e4706		⊘ Available		172.31.0.0/16		–
☑	arshiya_devops_vpc		vpc-068884a9056fc777e		⊘ Available		10.180.0.0/16		–

2.CREATE IGW AND ATTACH IGW TO VPC

Internet gateways (2) Info   ↻   Actions ▼   **Create internet gateway**

Q Search   ‹ 1 › ⚙

	Name	▽	Internet gateway ID	▽	State	▽	VPC ID
☐	–		igw-0736c1bdce069d764		⊘ Attached		vpc-0092e6cb8270e4706
☐	devopsIGW		igw-0cd7f13c00e9cf029		⊘ Attached		vpc-068884a9056fc777e	arshiya_dev.

3.create subnets

Subnets (7) Info   ↻   Actions ▼   **Create subnet**

Q Find resources by attribute or tag   ‹ 1 › ⚙

	Name	▽	Subnet ID	▽	State	▽	VPC	▽	IPv4 CII
☐	–		subnet-0a4eec25f4e23733e		⊘ Available		vpc-0092e6cb8270e4706		172.31.
☐	pubsub2		subnet-06da94edf203bd3a5		⊘ Available		vpc-068884a9056fc777e	arshi…		10.180.
☐	–		subnet-0dba8f1a92d4c86a0		⊘ Available		vpc-0092e6cb8270e4706		172.31.
☐	privsub1		subnet-01f79df4be3b64296		⊘ Available		vpc-068884a9056fc777e	arshi…		10.180.
☐	–		subnet-04fc7aecd924eb777		⊘ Available		vpc-0092e6cb8270e4706		172.31.
☐	privsub2		subnet-0f74c63e16cc21c38		⊘ Available		vpc-068884a9056fc777e	arshi…		10.180.
☐	pubsub1		subnet-02fe649912b89ef09		⊘ Available		vpc-068884a9056fc777e	arshi…		10.180.

4.creating route table

Route tables (4) Info   ↻   Actions ▼   **Create route table**

Q Find resources by attribute or tag   ‹ 1 › ⚙

	Name	▽	Route table ID	▽	Explicit subnet associ…	▽	Edge associations	▽	Main	▽
☐	pubRTB		rtb-0d7eef42f8b3e0afe		2 subnets		–		No	
☐	–		rtb-00fe71e9e06671262		–		–		Yes	
☐	privRTB		rtb-05a598385119e1d57		2 subnets		–		No	
☐	–		rtb-0ec0d65a39cfe241d		–		–		Yes	

5.subnet association for public Route table

| | Details | Routes | Subnet associations | Edge associations | Route propagation | Tags |

Explicit subnet associations (2)

Name		Subnet ID		IPv4 CIDR		IPv6 CIDR	
pubsub2		subnet-06da94edf203bd3a5		10.180.1.0/24			
pubsub1		subnet-02fe649912b89ef09		10.180.0.0/24			

6.sunet association with private Route Table

Explicit subnet associations (2)

Name		Subnet ID		IPv4 CIDR		IPv6 CIDR	
privsub1		subnet-01f79df4be3b64296		10.180.2.0/24		–	
privsub2		subnet-0f74c63e16cc21c38		10.180.3.0/24			

8.attach IGW to Public RouteTable

Routes (2)

Destination		Target		Status		Propagated
0.0.0.0/0		igw-0cd7f13c00e9cf029		⊘ Active		
10.180.0.0/16		local		⊘ Active		