

1. Create VPC → Name VPC 1 → Availability Zone ap-south-1a → CIDR value 10.0.0.0/16 → Create VPC → Done

The screenshot shows the AWS VPC console with the title 'Your VPCs (1/2)'. There is a search bar with the placeholder 'Find resources by attribute or tag'. A table lists VPCs with columns: Name, VPC ID, State, IPv4 CIDR, and IPv6 CIDR. Two VPCs are listed: one with ID 'vpc-0445df4ce27816e32' and another with ID 'vpc-028f57d32f05b02f6' (labeled 'vpc-1'). Both are in an 'Available' state. The 'vpc-1' row is selected with a checkbox.

Name	VPC ID	State	IPv4 CIDR	IPv6 CIDR
-	vpc-0445df4ce27816e32	Available	172.31.0.0/16	-
vpc-1	vpc-028f57d32f05b02f6	Available	10.0.0.0/16	-

2. Create Subnet → Name VPC 1 → Availability Zone ap-south-1a → CIDR value 10.0.0.0/24 → Create subnet Done

The screenshot shows the AWS Subnets console with the title 'Subnets (1/1)'. There is a search bar with the placeholder 'Find resources by attribute or tag'. A table lists subnets with columns: Name, Subnet ID, State, and VPC. One subnet is listed: 'vpc1-sub' with ID 'subnet-0cfa8233a947e5bb1'. It is in an 'Available' state and associated with VPC 'vpc-028f57d32f05b02f6'.

Name	Subnet ID	State	VPC
vpc1-sub	subnet-0cfa8233a947e5bb1	Available	vpc-028f57d32f05b02f6 vpc

3. Create internet Gateway → Name IGW-VPC 1 → Action - attach VPC-1 → Done

The screenshot shows the AWS Internet Gateways console with the title 'Internet gateways (1/1)'. There is a search bar with the placeholder 'Filter internet gateways'. A table lists internet gateways with columns: Name, Internet gateway ID, and State. One gateway is listed: 'igw-vpc1' with ID 'igw-01d7794909d44fdf0'. It is in a 'Detached' state. To the right of the table is an 'Actions' menu with options: View details, Attach to VPC, Detach from VPC, Manage tags, and Delete internet gateway.

Name	Internet gateway ID	State
igw-vpc1	igw-01d7794909d44fdf0	Detached

4. Create route table → Route-VPC1 → attach VPC1 → Created → Then select route edit add internet connection o.o.o.o select VPC1 → Save changes.

5. Create peering connection.

The screenshot shows the 'Create peering connection' form. It includes a description: 'A VPC peering connection is a networking connection between two VPCs that enables privately.' Below this is a section titled 'Peering connection settings'. It has a 'Name - optional' field with the value 'peering vpc1 to vpc2'. It also has a 'Select a local VPC to peer with' section with a dropdown menu showing 'vpc-028f57d32f05b02f6 (vpc-1)'.

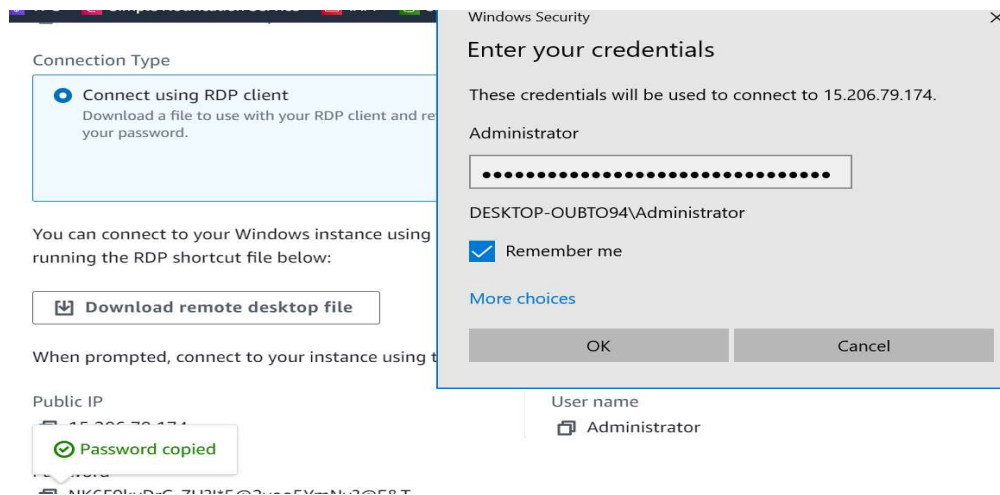
6. Create EC2 in VPC1 → Name VPC1-m → Select window image → Select network VPC1 → Subnet select → Auto assign IP enable → go to the network setting select RDP → Custom anywhere → Add rule – all ICMP-IPv4 → Custom anywhere and save → Then go to the keypair create new keypair → Name – VPC1 keypair.

Above all the process will same as per VPC1 for VPC 2

Create VPC-2

- A. Create VPC → Name VPC 2 → Availability Zone ap-south-1a → CIDR value 192.168.0.0/16 → Create VPC → Done
- B. Create Subnet → Name VPC 2 → Availability Zone ap-south-1a → CIDR value 192.168.0.0/24 → Create subnet Done
- C. Create internet Gateway → Name IGW-VPC 2 → Action - attach VPC-2 → Done
- D. Create route table → Route-VPC 2 → attach VPC 2 → Created → Then select route edit add internet connection 0.0.0.0 select VPC 2 → Save changes.
- E. Create peering connection.
- F. Create EC2 in VPC 2 → Name VPC 2-m → Select window image → Select network VPC 2 → Subnet select → Auto assign IP enable → go to the network setting select RDP → Custom anywhere → Add rule – all ICMP-IPv4 → Custom anywhere and save → Then go to the keypair create new keypair → Name – VPC2 keypair.

7. Next step is created EC2 in VPC1 → Go to the RDP client follow below steps...



8. Select RDP machine → Go to the terminal and select the command prompt ping private IP -t enter (if there will be connecting to peering connection then will get below image)

