

Aws Alias:

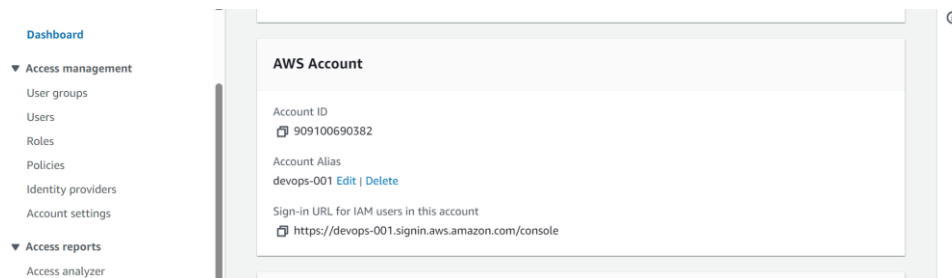
Alias name is user friendly name means, if we create alias name user no need to use account id to log in to aws , they can use alias name.

Alias creation:

[] in IAM select **dashboard**

[] In the **AWS Account** section, next to **Account Alias**, choose **Create**. If an alias already exists, then choose **Edit**.

[] In the dialog box, enter the name you want to use for your alias, then choose **Save changes**.



[] give sign in URL to user

VPC peering:

An AWS (Amazon Web Services) VPC (Virtual Private Cloud) peering connection is a networking connection between two VPCs that enables us to route traffic between them using private IPv4/IPv6 addresses. Instances in either VPC can communicate with each other as if they are within the same network. We can create a VPC peering connection between our own VPCs, or with a VPC in another AWS account.

[] Go to VPC select **Peering Connection**.

[] Select **“Create Peering Connection”**.

[] Select a local VPC (**Requester**) to peer with. (Local VPC to initiate the request), it'll show us the CIDR Block associated with the local VPC.

[] Select another VPC to peer with. Here, we can select a VPC from the same account or another account. We can also select from the same region and from another region (inter-region VPC Peering Connection) as well.

[] Provide target VPC (**Acceptor**) ID and click on Create Peering Connection.

The screenshot shows the 'Peering connection settings' form in the AWS VPC console. It includes a 'Name' field with the value 'my-pc-01'. Below it, there are two dropdown menus: 'Select a local VPC to peer with' (VPC ID (Requester)) and 'Select another VPC to peer with' (VPC ID (Acceptor)). The 'Select another VPC to peer with' section also includes radio buttons for 'Account' (My account selected) and 'Region' (This Region (us-east-1) selected).

[] Select the **pending VPC** and select **action** and Select “**Accept Request**” and Accept Request confirmation comes.

The screenshot shows the AWS VPC console interface. On the left is a sidebar with navigation links. The main area displays 'Peering connections (1/2)' with a table listing two connections. The first connection, 'pc-1', is marked as 'Deleted'. The second connection, '123', is marked as 'Pending acceptance' and is selected. An 'Actions' dropdown menu is open for the selected connection, showing options like 'View details', 'Accept request', 'Reject request', etc. Below the table, a modal window titled 'Pending acceptance' for connection 'pcx-0f99bd8620747b850 / 123' is displayed, containing a message about accepting or rejecting the request.

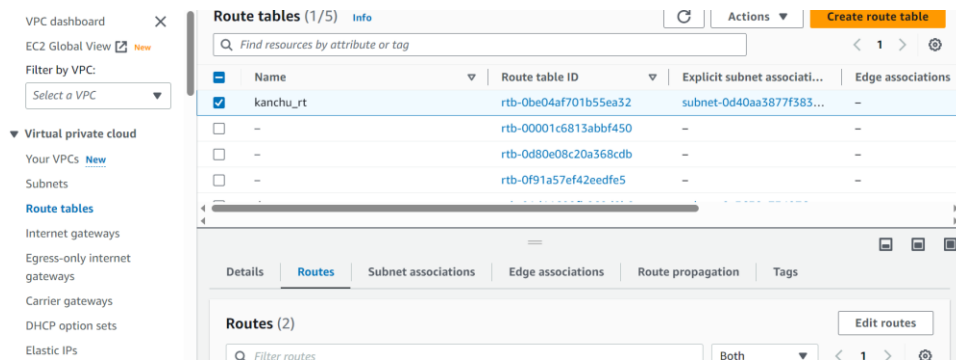
Name	Peering connection ID	Status
pc-1	pcx-0da8889cd6f6593b3	Deleted
123	pcx-0f99bd8620747b850	Pending acceptance

After connecting we must set up route table

Create Routes on both VPC

On VPC 1, we need to provide CIDR for destination VPC2 and target should be “Peering Connection”. Click on “Save routes”.

[] go to **route tables** and select route which we mention to peering and scroll down select **route** then select **edit route**



[] select **add route** and in destination give **CIDR of opposite VPC** and in target select **peering connection** and save changes

[] we must do same in **another VPC** also

[] to check ping private IP of opposite server

[] ping private IP