

Deployment Guidelines:

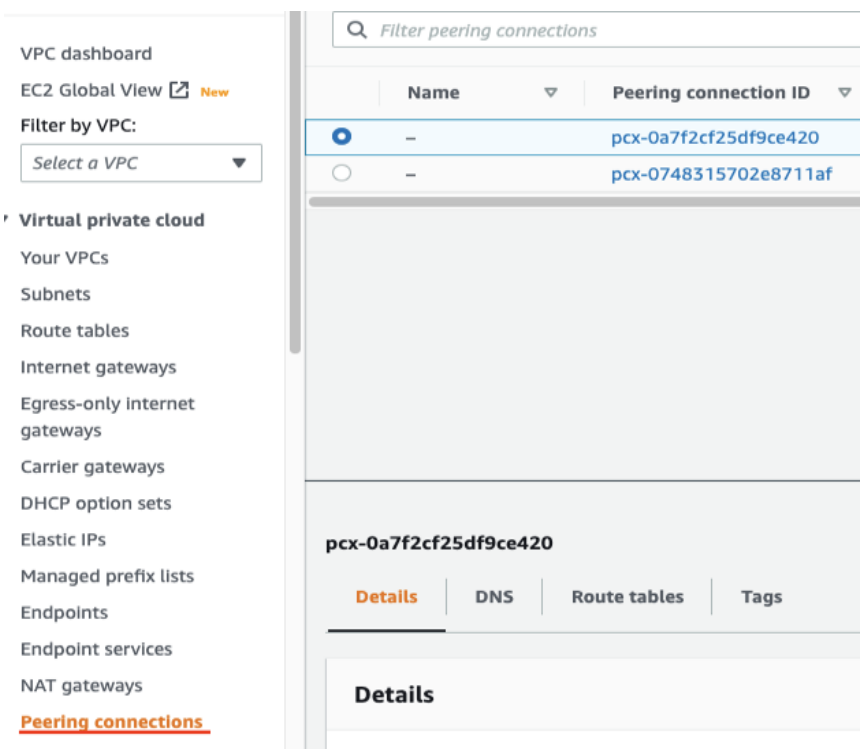
High level Steps:

VPC:

1. Deploy VPC_PR_New.yml & VPC_DR_New.yml via CloudFormation in 2 different regions with in same account(You can also implement it in different accounts in same organization, here for demo I did it in same account). Wait for stack to succeed.
2. Once VPC stack creation is done, you can execute VPC_Peerting.yml via CloudFormation from DR region and provide the VPCId's of Source & Target as input. There are few manual steps that are needed for this step once the stack creation is completed. Please login to VPC & Select Peering(In both regions) and enable the acceptor & requester DNS Settings to allow the traffic on both sides. You may also need to verify your route tables, Security Groups & NACL's to add other VPC CIDR block range to allow the traffic. Please check Detailed Doc for more steps.

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- Please select the “Peering connections” & select the Peering Connection ID you’re planning to Enable DNS settings for Acceptor & Requester



- Please select Actions Button & Choose Edit DNS Setting Tab

Peering connections (1/2) [Info](#)

Name	Peering connection ID	Status	Requester VPC	Accepter VPC	Requester CIDRs
-	pcx-0748315702e8711af	Active	vpc-0460e50991025b801	vpc-001637e29519c5ff6 / VP...	10.2.0.0/16
-	pcx-0a772f2c25df9c420	Active	vpc-0e63a62e38ab5980a	vpc-001637e29519c5ff6 / VP...	10.0.0.0/24

Actions

Create peering connection

View details

Accept request

Reject request

Edit DNS settings

Edit ClassicLink settings

Manage tags

Delete peering connection

Owner ID

13723581

- Press the checkbox to Allow Acceptor/Requester VPC & Save Changes

Edit DNS settings [Info](#)

Summary

Peering connection ID

pcx-0a772f2c25df9c420

Name

-

Requester VPC

vpc-0e63a62e38ab5980a

Accepter VPC

vpc-001637e29519c5ff6

Edit DNS settings

The settings below control how your peered VPCs will work with DNS resolution.

Acceptor DNS resolution

If enabled, the DNS hostname of an instance in the acceptor VPC resolves to its private IP address when queried from instances in the requester VPC.

Allow requester VPC (vpc-0e63a62e38ab5980a) to resolve DNS of acceptor VPC (vpc-001637e29519c5ff6 / VPC-A83-E1-VPC) hosts to private IP.

To use DNS resolution over peering you must enable 'DNS Hostname' on the VPCs involved in peering: vpc-001637e29519c5ff6 / VPC-A83-E1-VPC, vpc-0e63a62e38ab5980a (Account ID: 218213723581, Region: us-west-2). [Learn more](#)