How-To Library

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Configure VPC peering between the Amazon Redshift cluster and the serverless runtime environment

Abstract

This article describes how you can configure VPC peering between the Amazon Redshift cluster and the serverless runtime environment.

Supported Versions

- Informatica® Cloud Data Integration Amazon Redshift Connector
- Informatica® Cloud Data Integration

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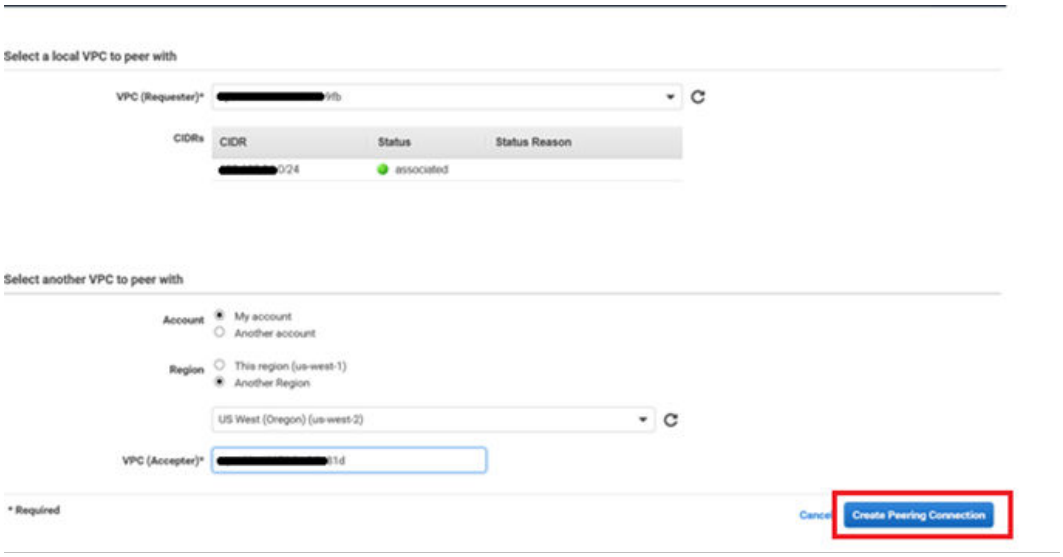
Overview

When the Amazon Redshift cluster and the serverless runtime environment are in different Virtual Private Clouds (VPCs), you need to configure VPC peering between the Amazon Redshift cluster and the serverless runtime environment to set up an Amazon Redshift V2 connection successfully.

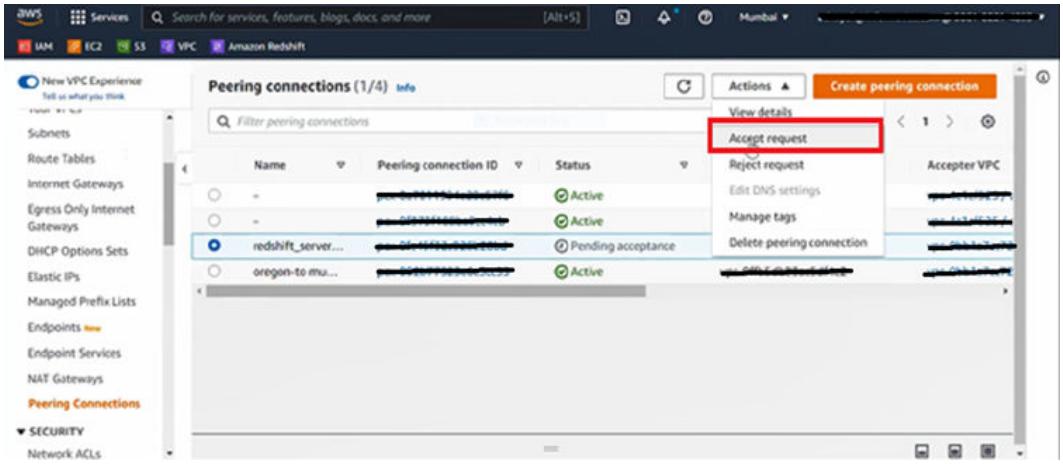
Configuring VPC peering

To set up VPC peering, perform the following steps in the AWS console:

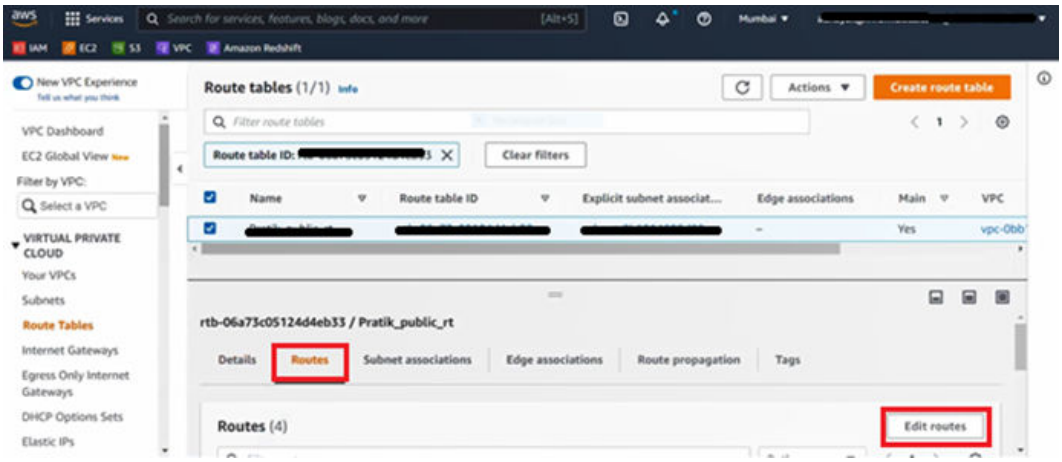
1. From the serverless runtime environment VPC, click **Peering Connections**.
   The **Create peering connection** page appears.
2. On the **Create peering connection** page, enter a VPC connection name, the Requester VPC details, and the Requested VPC details.
   The Requester VPC is the VPC of the serverless runtime environment. The Requested VPC is the VPC of the Amazon Redshift cluster.
3. Click **Create Peering Connection**.
   The following image shows the **Create peering connection** page:



4. On the Requested VPC, click **Peering Connections** tab.
5. Go to **Actions** and click **Accept request** to accept the request from the Requester VPC.
   The following image shows the accept request:

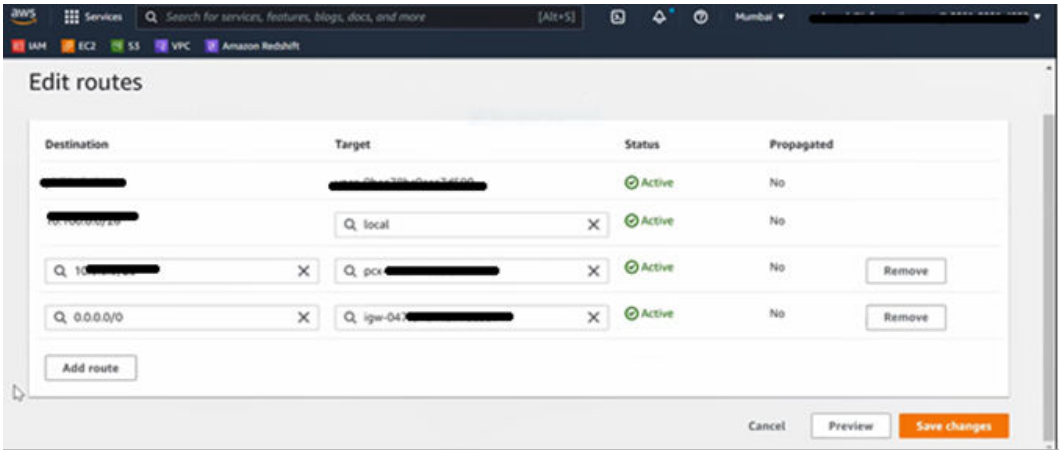


6. On the Requested VPC, go to **Your VPCs** tab and select the route table.
7. Go to **Routes** > **Edit Routes**.
   The following image shows the **Route tables** page:

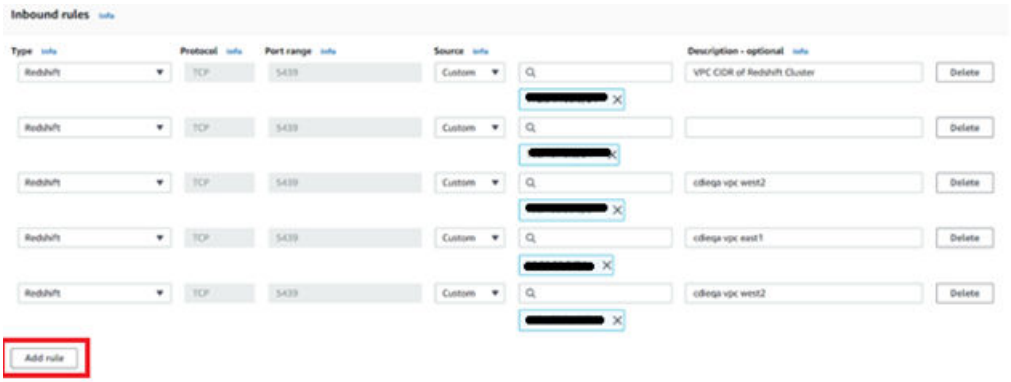


8. Add the route to the Requester VPC.
   The route consists of the IP address and the peering connection of the Requester VPC.

   The following image shows the routes added:



9. Perform steps 6, 7, and 8 to also edit the route table of the Requester VPC and add the route to the Requested VPC.
10. On the Requested VPC, in the **Network and security** settings, go to the VPC security group.
11. Go to **Inbound rules** > **Edit inbound rules** and add a rule.
    The following image shows the inbound rules:



12. Now, add the IP4 CIDR block of the requester VPC to the inbound traffic of the security group.
13. Save the changes.

The VPC peering is configured. You can now configure the Amazon Redshift V2 connection.

Authors

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