

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:

- From the serverless runtime environment VPC, click Peering Connections. The Create peering connection page appears.
- 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.
- Click Create Peering Connection.
 The following image shows the Create peering connection page:

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CIDRs	CIDR	Status	Status Reason			
	024	associated				
er VPC to peer with Account	My account					
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	US West (Oregon) (us west)	0		• c		
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- 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:

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- 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:

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Internet Gateways Egress Only Internet Gateways	Details Subnet associations Edge associations Route propagation Tags		_ 1
DHCP Options Sets Elastic IPs	Routes (4)	Edit routes	

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:

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estination		Target		Status	Propagated	
		ann (huilth (huilt) (f. 00		@ Active	No	
0.10000/0/20		Q, local	×	@ Active	No	
Q 10	×	Q, pcc	×	@ Active	No	Remove
Q 0.0.0/0	×	Q, igw-047	• ×	@ Active	No	Remove
Add route						

- 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:

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Redubit	٠	10*	5439	Custom ¥	٩	VPC CIDR of Redshift Cluster	Delete
ReduitePt	٠	104	5439	Custom •	٩		Deleta
Reddiniti	٠	109	5419	Custom ¥	٩	cidlega vpc west2	Delete
Redubit	٠	101	5439	Custom •	٩	cdeqa.vpc.ext1	Delete
Redubirt	٠	104	5409	Custom *	9	ediega vpc west2	Delete

- 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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