Database and Application Migration UGO 25.3.0

Drawer Helper

Issue 01

Date 2025-03-30





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1 SMN Topic

Description

- What Is SMN?
 - Simple Message Notification (SMN) is a reliable and flexible messaging service that handles messages at scale. It can send messages to users by SMS message, email, or application.
- How Can I Subscribe to an SMN Topic for UGO?
 First, create a topic. It serves as a message sending channel, where publishers and subscribers can interact with each other. Then, add a subscription to the topic and request subscription confirmation. After the subscription has been confirmed, alarm notifications will be sent to the subscription endpoint via SMN.

FAQs

Q: I have added a subscription to the topic on SMN, but why is this topic not displayed on UGO?

A: You may not have confirmed the subscription.

After you add a subscription to your topic, you need to request the subscription. The topic can only be selected when you are creating a database evaluation or an object migration project. For details, see **Requesting Subscription Confirmation**.

$\mathbf{2}_{\mathsf{Tags}}$

Description

Tag Management Service (TMS) is designed to identify cloud resources. When you have many cloud resources of the same type, you can use tags to classify them by dimension (for example, by purpose, owner, or environment).

For more information, see **Tag Management Service**.

FAQs

Q: Can I Configure Tags for Projects I Have Created?

A: Yes. You can also configure tags when creating a project. After a project is created, you can click the **Tags** tab on details page of the database evaluation or object migration project and add, edit, or delete tags. For details, see **Managing a Tag**.

3 Connecting to a Database Using VPC Endpoint

Figure 3-1 shows how to connect to a database using VPC Endpoint.

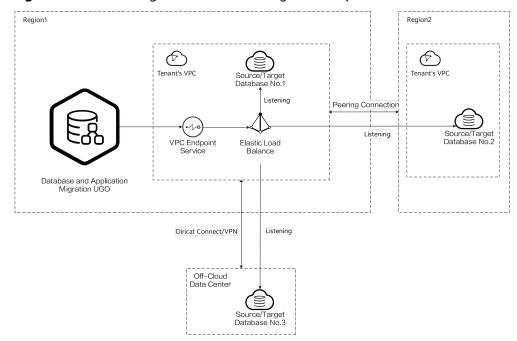


Figure 3-1 Connecting to a database using VPC Endpoint

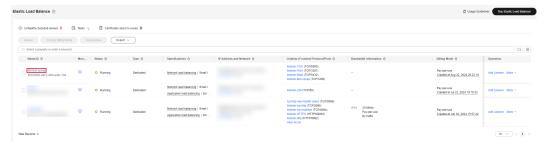
Buying a Dedicated Load Balancer

- **Step 1** Log in to the **Huawei Cloud console**.
- **Step 2** Click the icon next to **All Services** and choose **Networking** > **Elastic Load Balance**.
- **Step 3** Click **Buy Elastic Load Balancer**, select **Dedicated**, and configure other parameters.

Ⅲ NOTE

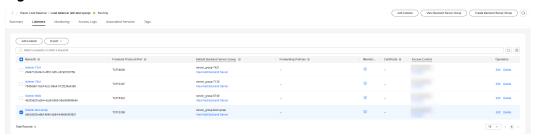
- For details about the billing mode, see **Billing Overview**.
- For details about ELB configurations, see Adding Backend Servers in a Different VPC from a Load Balancer and Adding Backend Servers in the Same VPC as a Load Balancer.
- **Step 4** Click the created load balancer.

Figure 3-2 Load balancer list



Step 5 Click the **Listeners** tab.

Figure 3-3 Listener list



Step 6 Click **Add Listener**. Configure the listener and routing policy and go to the **Add Backend Server** page. Click **IP as Backend Servers**, configure the IP address, port number, and routing weight of the target database, and click **Submit**.

Figure 3-4 Add IP as Backend Server



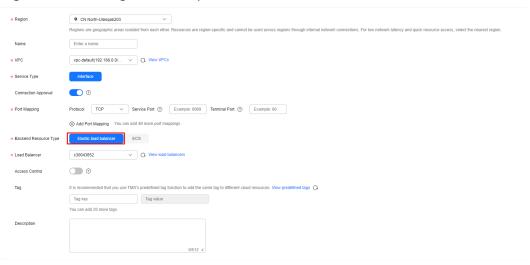
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Creating a VPC Endpoint Service

- **Step 1** Log in to the **Huawei Cloud console**.
- **Step 2** Click the icon next to **All Services** and choose **Networking** > **VPC Endpoint**. Choose **VPC Endpoint Services** in the navigation pane.

- **Step 3** Add a port mapping of the target database.
- **Step 4** Click **Buy VPC Endpoint** and select **Elastic load balancer** for **Backend Resource Type**.

Figure 3-5 Creating a VPC endpoint service



Step 5 Click **Create Now**.

□ NOTE

For details about how to create a VPC endpoint service, see **Creating a VPC Endpoint Service**.

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Connecting to a Source Database Using VPC Endpoint

- Step 1 On the Evaluate Scope Selection page, select VPC Endpoint for DB Connection Mode.
- **Step 2** Select the created VPC endpoint service from the **VPC Endpoint** drop-down list.

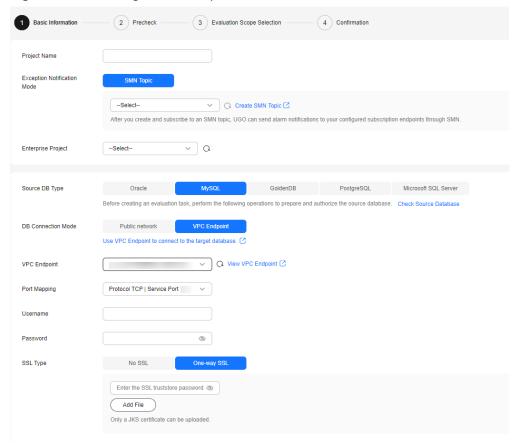


Figure 3-6 Selecting a VPC endpoint service

- **Step 3** Select the created port mapping from the **Port Mapping** drop-down list.
- **Step 4** Set **DB Name**, **Username**, and **Password** and click **Test Connection**.

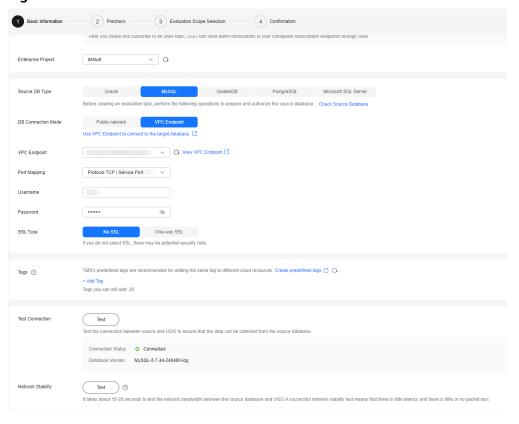


Figure 3-7 Test Connection

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Connecting to a Target Database Using VPC Endpoint

- Step 1 On the Basic Information page, select VPC Endpoint for DB Connection Mode.
- Step 2 Select the created VPC endpoint service from the VPC Endpoint drop-down list.

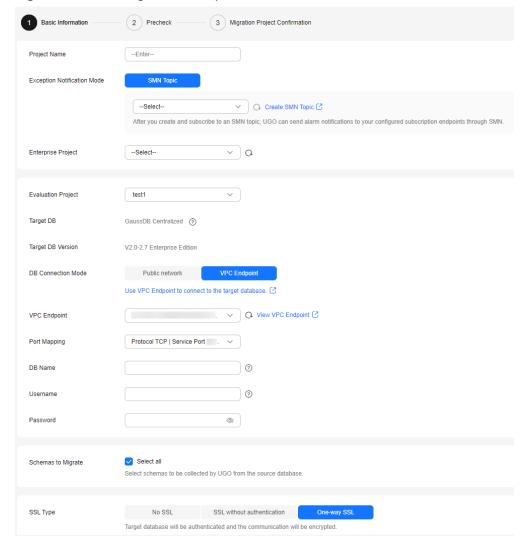


Figure 3-8 Selecting a VPC endpoint service

- **Step 3** Select the created port mapping from the **Port Mapping** drop-down list.
- **Step 4** Set **DB Name**, **Username**, and **Password** for the target database and click **Test Connection**.

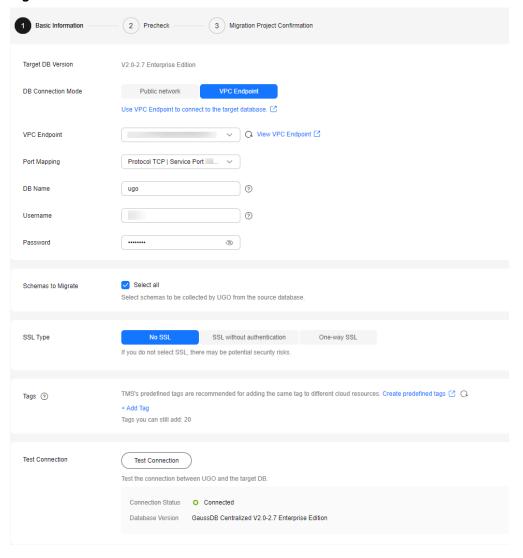


Figure 3-9 Test Connection

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