Alibaba Cloud
Data Transmission Service

Instance management

Issue: 20191209
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# Document conventions

<table>
<thead>
<tr>
<th>Style</th>
<th>Description</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>🚨</td>
<td>A danger notice indicates a situation that will cause major system changes, faults, physical injuries, and other adverse results.</td>
<td>🚨 Danger: Resetting will result in the loss of user configuration data.</td>
</tr>
<tr>
<td>⚠️</td>
<td>A warning notice indicates a situation that may cause major system changes, faults, physical injuries, and other adverse results.</td>
<td>⚠️ Warning: Restarting will cause business interruption. About 10 minutes are required to restart an instance.</td>
</tr>
<tr>
<td>⚠️</td>
<td>A caution notice indicates warning information, supplementary instructions, and other content that the user must understand.</td>
<td>⚠️ Notice: If the weight is set to 0, the server no longer receives new requests.</td>
</tr>
<tr>
<td>📝</td>
<td>A note indicates supplemental instructions, best practices, tips, and other content.</td>
<td>📝 Note: You can use Ctrl + A to select all files.</td>
</tr>
<tr>
<td>&gt;</td>
<td>Closing angle brackets are used to indicate a multi-level menu cascade.</td>
<td>Click Settings &gt; Network &gt; Set network type.</td>
</tr>
<tr>
<td><strong>Bold</strong></td>
<td>Bold formatting is used for buttons, menus, page names, and other UI elements.</td>
<td>Click OK.</td>
</tr>
<tr>
<td><strong>Courier font</strong></td>
<td>Courier font is used for commands.</td>
<td>Run the <code>cd /d C:/window</code> command to enter the Windows system folder.</td>
</tr>
<tr>
<td><em>Italic</em></td>
<td>Italic formatting is used for parameters and variables.</td>
<td><code>bae log list --instanceid Instance_ID</code></td>
</tr>
<tr>
<td>[] or [a</td>
<td>b]</td>
<td>This format is used for an optional value, where only one item can be selected.</td>
</tr>
<tr>
<td>Style</td>
<td>Description</td>
<td>Example</td>
</tr>
<tr>
<td>------------</td>
<td>-----------------------------------------------------------------------------</td>
<td>------------------</td>
</tr>
<tr>
<td>{} or {a</td>
<td>b}</td>
<td>This format is used for a required value, where only one item can be selected.</td>
</tr>
</tbody>
</table>
Contents

Legal disclaimer................................................................................................................I
Document conventions......................................................................................................I
1 Upgrade instance specification...................................................................................... 1
2 Upgrade synchronization topology from one-way to two-way.................................4
3 Query the operations logs of instances................................................................. 6
4 Release an instance........................................................................................................ 7
1 Upgrade instance specification

If the current instance specification does not meet your business requirements, you can upgrade the instance specification.

Prerequisites

- If you upgrade the instance specification of a data migration task, the task must be in the Migrating, Paused, or Migration Failed state.
- You can only upgrade the instance specifications of data migration and data synchronization tasks. You cannot upgrade the instance specifications of change tracking channels.

Note

- You can only upgrade instance specifications. You cannot downgrade instance specifications.
- The upgrade operation causes latency of about 5 seconds for incremental data migration and data synchronization. We recommend that you perform this operation during off-peak hours.

Billing

- Subscription instance

Total fee for upgrading the instance specification = (Daily fee of the instance after upgrade – Daily fee of the instance before upgrade) × (Subscription expiration date – Upgrade date)

Note:

The daily fee of an instance after the upgrade depends on the number of remaining days from the upgrade date to the expiration date.

- If the number of remaining days is smaller than 300 days, the fee of the instance after upgrade equals the fee offered by monthly subscription.
- If the number of remaining days is greater than or equal to 300 days, the fee of the instance after upgrade equals the fee offered by annual subscription.
• Pay-as-you-go instance

After you upgrade the specification of a pay-as-you-go instance, you are still billed on an hourly basis. The fees are calculated based on the instance specification.

For more information about the pricing of DTS, see #unique_4.

Procedure

1. Log on to the DTS console.
2. In the left-side navigation pane, click Data Migration or Data Synchronization.
3. Find the target instance and click Upgrade in the Actions column.

![Image of DTS console with upgrade option highlighted]
4. Select an instance specification and select Data Transmission Service Agreement of Service.
   - Select a new specification for your data migration task.

   ![Configuration Upgrade](image1)

   Each instance specification corresponds to the performance of an data replication. For details on how to choose a link specification, refer to Data Migration Specifications.

   • Price: $0.50

5. Click Activate to complete the payment.

   ![Configuration Upgrade](image2)

   Each instance specification corresponds to the performance of a synchronization instance. For details on how to choose a link specification, refer to Data Synchronization Specifications.
2 Upgrade synchronization topology from one-way to two-way

You can upgrade the synchronization topology of a data synchronization task from one-way to two-way in the DTS console.

Prerequisites

- The types of source and destination databases of the data synchronization task are both MySQL.
- The synchronization topology of the data synchronization task is one-way synchronization.
- The status of the data synchronization task is Synchronizing.

Note

- You can only upgrade the synchronization topology from one-way to two-way. You cannot downgrade the synchronization topology from two-way to one-way.
- The upgrade operation causes data synchronization latency of about 5 seconds. We recommend that you perform this operation during off-peak hours.

Billing

- Subscription instance

Total fee for upgrading the synchronization topology = (Daily fee of the instance after upgrade – Daily fee of the instance before upgrade) × (Subscription expiration date – Upgrade date)

Note:

The daily fee of an instance after the upgrade depends on the number of remaining days from the upgrade date to the expiration date.

- If the number of remaining days is less than 300 days, the fee of the instance after upgrade equals the fee offered by monthly subscription.
- If the number of remaining days is greater than or equal to 300 days, the fee of the instance after upgrade equals the fee offered by annual subscription.
- Pay-as-you-go instance

After you upgrade the synchronization topology of a pay-as-you-go instance, you are still billed on an hourly basis. The fees are calculated based on the instance specification.

For more information about the pricing of DTS, see #unique_4.

Procedure

1. Log on to the DTS console.
2. In the left-side navigation pane, click Data Synchronization.
3. Find the target instance and click Upgrade in the Actions column.
4. On the Upgrade page, set Synchronization Topology to Two-Way Synchronization.

Note:
In this step, you can also select a new specification.

5. Select Data Transmission Service Agreement of Service and click Activate to complete the payment.
3 Query the operations logs of instances

You can query the operations logs of instances in the DTS console. You can obtain specific information such as performed operations, operation results, and user information.

Note

The operations logs of instances in all regions are displayed. You do not need to select a region when querying the operations logs.

Procedure

1. Log on to the DTS console.
2. In the left-side navigation pane, click Operation Log.
3. On the Operation Logs page, search for operations logs by using the following search conditions: Instance ID/Task Name, Task Type, Result, and Time.

Note:

- By default, logs are sorted in descending order of operation time.
- You can click an instance ID or task name to view the configurations and status of the instance.
4 Release an instance

You can release a pay-as-you-go instance based on your business requirements. After an instance is released, its data cannot be recovered.

Prerequisites

The billing method of the instance is pay-as-you-go.

Note:
You cannot manually release a subscription instance. If you do not renew a subscription instance after it expires, the instance will be automatically released seven days later.

Procedure

1. Log on to the DTS console.
2. In the left-side navigation pane, click Data Migration, Data Synchronization, or Change Tracking.
3. At the top of the page, select the region where your instance resides.
4. Select the target instance and release it.

5. In the Release Instance message that appears, click OK.