

Set up DataSync Agent to share to MySQL

Gold

You can configure your Perspective DataSync Agent to share data from ServiceNow or Salesforce to a MySQL database by changing some additional [configurations in your agent.xml file](#).

Prerequisites

- ⚠ First, you will need to install a [DataSync Agent](#) Agent.
- ⚠ You will also need to [create a ServiceNow dynamic share/bulk share](#) or [create a Salesforce dynamic share/bulk share](#).
- ⚠ Make sure to [stop running your DataSync Agent](#) before making any Agent configuration changes.

Procedure

To set up your DataSync Agent to share application data to a MySQL database, follow these steps:

1

Install and configure your DataSync Agent

Follow the steps to install the [DataSync Agent for ServiceNow](#) or the [DataSync for Salesforce Agent](#) and [make sure that your agent.xml file is configured correctly](#).

2

Access your agent.xml configuration file

Navigate to the directory where you saved your **agent.xml** file when installing your DataSync Agent.

3

Update database directives to point to MySQL

Open your **agent.xml** file in a text editing application. Then, locate the **<task>** directive(s) within your **<subscribe>** directive, and update the following database-related directives:

Directive	Value to enter
<database_type>	mysql
<database_server>	URL for your MySQL database. If your database is installed on your local machine, set this value to localhost .
<database_port>	3306
<database_user>	Username used to access your MySQL database
<database_password>	Password used to access your MySQL database

Your **agent.xml** file should look similar to the example shown below:

```
<?xml version="1.0" encoding="ISO-8859-1" standalone="no"?>
<config>
  <agent>
    <share/>
    <subscribe>
      <task instances="4">
        <task_name>datasyncforservicenow_to_mysql_subscribe</task_name>
        <message_connection password="encrypted:vl0tU7lyu8N
/EFIJH85SSBtaIt7qEEfvqiqt9VZyYE=" queue="psp.out.replicator.testqueue" user="admin"
>https://testperspectium.net</message_connection>
        <instance_connection password="encrypted:vl0tU7lyu8N/EFIJH85SSPN9aF0P5
/YViVwPEVFcGW4=" user="test.user">https://myinstance.service-now.com</instance_connection>
        <handler>com.perspectium.replicator.sql.SQLSubscriber</handler>
        <decryption_key>The cow jumped over the moon</decryption_key>
        <database_type>mysql</database_type>
        <database_server>localhost</database_server>
        <database_port>3306</database_port>
        <database_user>root</database_user>
        <database_password>encrypted:vl0tU7lyu8N/EFIJH85SSMoilKLTeJHQRNZPJ7c5tFU=<
/database_password>
        <database_parms>characterEncoding=UTF-8 &amp; useSSL=false &amp;
serverTimezone=UTC</database_parms>
        <database_column_max_size>251</database_column_max_size>
        <database>psp_repl</database>
      </task>
    </subscribe>
    <max_reads_per_connect>4000</max_reads_per_connect>
    <polling_interval>5</polling_interval>
    <skip_message_set_processing/>
  </agent>
</config>
```

[blocked URL](#) **NOTE:** For MySQL8 in the `<database_parms>` directive, parameters need to be separated by a space, an ampersand, and a following space ("param=value & param=value").

4

Save your agent.xml file

Save the changes you made to your **agent.xml** file and close the file.

5

Run your DataSync Agent

After configuring your **agent.xml** file to support replication to your MySQL database, [start running your DataSync Agent](#) again.

Similar topics

- [Set up DataSync Agent to share to HP Vertica](#)
- [Database indexes](#)
- [Set up DataSync Agent to share to MySQL](#)
- [DataSync for ServiceNow \(Replicator\)](#)
- [Get started with the DataSync Agent](#)

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