

Set up DataSync Agent to share to IBM DB2

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You can configure your Perspective DataSync Agent to share data from ServiceNow or Salesforce to an IBM DB2 database by changing some additional [configurations in your agent.xml file](#).

Prerequisites

- ⚠ First, you will need to install a [DataSync 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 an IBM DB2 database, follow these steps:

1

Install and configure your DataSync Agent

Follow the steps to install the [DataSync Agent](#) 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 DB2

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>	db2
<database_server>	URL/IP address for your DB2 database. If your database is installed on your local machine, set this value to localhost .
<database_port>	Port number for your DB2 database
<database_user>	Username used to access your DB2 database
<database_password>	Password used to access your DB2 database
<database_parms>	characterEncoding=UTF-8

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>
    </share>
    <subscribe>
    <task>
      <task_name>test_db2_subscribe</task_name>
      <message_connection password="encrypted:v1OtU71yu8N
/EFIJH85SSBtaIt7qEEfvqiqt9VZyYE=" user="exampleuser">amqps://example.perspectium.net<
/message_connection>
      <instance_connection password="encrypted:v1OtU71yu8N
/EFIJH85SSBtaIt7qEEfvqiqt9VZyYE=" user="example.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>db2</database_type>
      <database_server>localhost</database_server>
      <database_port>50000</database_port>
      <database_user>exampleuser</database_user>
      <database_password>examplepassword</database_password>
      <database_parms>characterEncoding=UTF-8</database_parms>
      <database>SAMPLE</database>
    </task>
    </subscribe>
    <max_reads_per_connect>4000</max_reads_per_connect>
    <polling_interval>30</polling_interval>
  </agent>
</config>
```

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 IBM DB2 database, [start running your DataSync Agent](#) again.

Similar topics

- [DataSync for ServiceNow manual setup](#)
- [DataSync for ServiceNow Agent](#)
- [Get started with the DataSync for ServiceNow Agent](#)
- [Install the DataSync for ServiceNow Agent](#)
- [Start/stop the DataSync for ServiceNow Agent](#)

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