

Set up DataSync Agent to share to IBM DB2

Gold

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](#) 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

Access your agent.xml configuration file

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

2

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>
```

3

Save your agent.xml file

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

4

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

- [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](#)

Contact Perspectium Support



US: 1 888 620 8880

UK: 44 208 068 5953

support@perspectium.com