

# Share Table Schemas to a database

Gold

By default, table schemas are created by passing your ServiceNow instance username and password into the **<instance\_connection>** tag of the **agent.xml** file created upon [installation of the DataSync Agent](#). Alternatively, you can send ServiceNow table schemas directly to a database that your DataSync Agent replicates to.

**NOTE:** Table schemas can be shared through [bulk share](#) only.

## Procedure

To share table schemas from ServiceNow to a database through the DataSync Agent, follow these steps:

1

### Access agent.xml

Navigate to the directory in which your **agent.xml** file was saved upon [installation of the DataSync Agent](#). Then, open the **agent.xml** file in a text editing application.

2

### Remove and add a directive

Delete the **<instance\_connection>** tag. Then, within the **<task>** tag, add a self-closing **<use\_cache/>** tag.

Your **agent.xml** file will look like the following example:

```
<?xml version="1.0" encoding="ISO-8859-1" standalone="no"?>
<config>
  <agent>
    <subscribe>
      <task>
        <task_name>example_subscribe</task_name>
        <message_connection password="encrypted:XXXXX" queue="psp.out.replicator.example"
use_basic_consume="true" user="exampleUser">amqps://example.perspective.net<
/message_connection>

        <handler>com.perspective.replicator.sql.SQLSubscriber</handler>
        <decryption_key>The cow jumped over the moon</decryption_key>
        <database_type>mysql</database_type>
        <database_server>exampleHost</database_server>
        <database_port>3306</database_port>
        <database_user>exampleUser</database_user>
        <database_password>encrypted:XXXXX</database_password>
        <database_parms>characterEncoding=UTF-8</database_parms>
        <database>psp_repl</database>

        <use_cache/>
      </task>
    </subscribe>
    <max_reads_per_connect>4000</max_reads_per_connect>
    <polling_interval>5</polling_interval>
    <skip_message_set_processing/>
  </agent>
</config>
```

### Navigate to Bulk Share

3

Log into your ServiceNow instance. In ServiceNow's left side navigation window, navigate to **Perspectium > Replicator > Bulk Share** or simply type and then click on **Bulk Share**. Then, click the timestamp next to the name of the bulk share table schemas for or [create a new one](#).

4

## Enable Advanced option

Check **Advanced**. Once that option is checked, an **Advanced** tab will appear with the rest of the selection tabs.

5

## Enable Share Schema

Check **Share Schema**. Once that option is checked, the **Target Application** field will appear. In that field, select **Replicator Agent**.

The screenshot shows the 'Bulk Configurations' page for a 'New record [Shared view]'. At the top right, there are three tabs: 'Advanced', 'Obfuscated Records', and 'Order'. The 'Advanced' tab is selected and has a checkmark. Below the tabs, there are several configuration options. A red box highlights the 'Share schema' checkbox (which is checked) and the 'Target Application' dropdown menu (which is set to 'Replicator Agent'). Red arrows point from the text annotations to these elements. The 'Target Application' dropdown is currently set to 'Replicator Agent'. At the bottom of the form, there are 'Save' and 'Execute Now' buttons.

**Check Advanced to access the Advanced options**

**Enable Share schema and select Replicator Agent as the Target Application to start sharing schema to a database**

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## Save the form

Click the **Save** or **Update** button at the bottom of the form to save the configurations for your bulk share.

## Similar topics

- [Set up DataSync Agent with supported databases](#)
- [Third Party Libraries](#)
- [Excluding column DataSync Agent configuration](#)
- [Share Table Schemas to a database](#)
- [Set up DataSync Agent to share to/from Files](#)

## Contact Perspectium Support



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