Truncate Before Share

In the **DataSync Agent**, you can truncate and delete all the records for a selected table in your database before bulk sharing. This is best for when you want to avoid using business rules to capture your deletes. Instead, you can use bulk share with **Truncate Before Share** enabled to send a message to the agent that will indicate a delete in all the records in the specified table.

For tables like

For example,

- For example, for tables cmdb_rel_ci, they get rebuilt nightly through discovery, you can use this feature to keep track
- For tables like that where we cant capture deletes since they're done silently, it allows you to be up to date
- Runs discovery -> clears out table and recreates relations in the table -> so now the database needs to get in sync
- To reflect to be accurate

This feature requires configuration in both the DataSync Agent and the DataSync application in ServiceNow.

() NOTE: This is an advanced feature that will delete data from your database and should be used with caution. Incorrect use of this feature may result in data being lost that cannot be recovered. Contact <u>Perspectium Support</u> with any questions before enabling this feature.

Prerequisites

1 Stop running your DataSync Agent before making any Agent configuration changes.

Procedure

To truncate records for your DataSync integration, follow these steps:



Access your agent.xml configuration file

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



Add the truncate_table directive

Open your **agent.xml** file in a text editing application. Then, locate the **<task>** directive(s) and add **<truncate_table>true<** /truncate_table>.



Save your agent.xml

Save the changes you've made to your **agent.xml** and close the file. Your **agent.xml** should look similar to the example shown below:

```
<?xml version="1.0" encoding="ISO-8859-1" standalone="no"?>
<config>
  <aqent>
      <share/>
      <subscribe>
         <task instances="1">
            <task_name>datasyncforservicenow_to_mysql_subscribe</task_name>
            <message_connection password="encrypted:vlOtU71yu8N
/EFIJH85SSBtaIt7qEEfvqiqft9VZyYE=" queue="psp.out.replicator.testqueue" user="admin"
>https://testperspectium.net</message_connection>
            <instance_connection password="encrypted:vl0tU71yu8N/EFIJH85SSPN9aF0P5</pre>
/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:vlOtU71yu8N/EFIJH85SSMoilKLTeJHQrNZPJ7c5tFU=<</pre>
/database_password>
            <database_parms>characterEncoding=UTF-8 & useSSL=false</database_parms>
            <database_column_max_size>251</database_column_max_size>
            <database>psp_repl</database>
            <truncate_table>true</truncate_table>
         </task>
      </subscribe>
      <max_reads_per_connect>4000</max_reads_per_connect>
      <polling_interval>5</polling_interval>
      <skip_message_set_processing/>
   </agent>
</config>
```



Run your Agent

After configuring your agent.xml file, start running your DataSync Agent.

Create a ServiceNow bulk share

Follow the steps without executing the bulk share.

Enable Truncate Before Share

Under the Related Links, click Advanced view to access the Advanced tab.

Save	Execute Now
Relate	d Links
Advance	d view
See the l	egacy view
Clone bu	ulk configuration
Clone an	id run bulk share
Force to	Update Set
Preview	

In the Advanced tab, check Truncate Before Share.

K Bulk Share - Example [shared_he20 vi	iew*]		Ø	•••• Update		
Sharing setup	Share directly associated child records	Started				
Encryption method	TripleDES 🗸	Completed				
★ Target queue	psp.out.replicator.ayeTest Q	Records Processed				
		Records per second				
		Last share time				
Data Enrichment Runtime Settings Scriptin	Advanced Miscellaneous					
Data Enrichment Add modifications to the outbound message	content.					
Enable data obfuscation		Use Custom Table Name				
Add display value language		Use Custom Column Name				
Change to DV Tag Suffix						
Runtime Settings Enable additional conditions to run during execution.						
Share schema		Enable debug logging				
Share Index		Distribute bulk share workload	Enable	e truncating		
Share Related Lists		Truncate Before Share	Datab	ase table bef		
Enable Confirmation			share			
Order By	Sys ID 🗸	Node To Run On		Q		
Scheduled Job Priority		Number of Jobs	1	~		
Update Execute Now Delete						



Execute your bulk share

Click the **Save** button at the bottom of the form to save the configurations for your bulk share. Once your bulk share configurations have been saved, you can click back into the bulk share record and click the **Execute Now** button at the bottom of the form to bulk share out the specified records immediately.