

Bulk Share

A **bulk share** is a job that sends out bulk records from your ServiceNow instance as a pre-filtered range of data, all at once. The data is shared to a subscriber, which can be another instance of ServiceNow, the DataSync Agent, or any number of the other applications that Perspective can integrate with.

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Bulk shares can contain certain conditions and can also be scheduled to run in a specific order, at specific times. Bulk shares can share multiple tables through ServiceNow's table hierarchy, run through advanced filters and scripts, share out related/auxiliary records, and more.

To access bulk shares, go to **Perspective > Perspective Core > Shares**. Then, click **Bulk Share**.

Create a bulk share

Creating and configuring a bulk share begins with completing a new record form where you'll indicate various actions and behaviors that you want the bulk share to take on.

Prerequisites

- [Install and Configure DataSync for ServiceNow](#)
- [Create a ServiceNow shared queue](#)

Instructions

1. In your ServiceNow instance, go to **Perspective > Perspective Core > Shares** (using the left-side filter navigator).
2. Select **Bulk Share**.
3. Select **Create New Bulk Share**.
4. Enter a name of your new bulk share in the **Name** field.
5. In the **Table** dropdown, find and select the table which includes the data that you want to bul share out of your ServiceNow instance.
6. Use the [Encryption Method](#) dropdown to select a method to encrypt the data.

Cipher options include:

Encryption Method	Dynamic shared data will...
TripleDES	be encrypted with Triple DES.
AES128	be encrypted with AES-128.
AES256	be encrypted with AES-256. NOTE: To ensure AES-256 encryption for your data, you will need to create an encryption and decryption key with at least 32 characters in the PSP Properties module.
Base64 Encode Only	have Base64 encoding only.
Unencrypted	not be encrypted.

7. Click the **Search** icon next to the **Target queue** field and in the **Queues** popup, select the shared queue that you want to bulk share your record data to.
8. (Optional!) There are various additional settings that can further customize and enhance your bulk share, such as limiting the number of records shared, sharing table records only (and not child records), and more. Explore all of these optional features [here](#).
9. Once all settings have been configured, click **Save**.
10. To run the bulk share immediately, go back to your new record and click **Execute Now**. Alternatively, you can choose to run the bulk share at a specific time or set intervals by [creating a scheduled bulk share](#).

i To bulk share tables that are in a scoped application, you may need to alter the table's Application Access. Scoped applications may [restrict access](#) to their tables in which case you will need to [alter a scoped application table for bulk sharing](#).

Create a scheduled bulk share

Schedule one or more bulk shares to run at a time you choose, whether its one time, on a regular basis, or at a custom timeframe. Here are the options for scheduled bulk shares:

- Daily
- Weekly
- Monthly
- Once at a specified time
- Periodically at a specified time (custom)
- On demand (immediately)

Creating a scheduled bulk share is done by adding a bulk configuration as a child record to be run under a specific schedule. In other words, this is a setting that you add to an existing bulk share. This should not be used in conjunction with [dynamic shares](#) to avoid any redundancy in data sharing.

Here's how to setup scheduled bulk shares in ServiceNow:

1. In your sharing ServiceNow instance, go to **Perspectium > Perspectium Core > Shares > Scheduled Bulk Share > Create New Scheduled Bulk Share**.
2. In the resulting form, enter any name in the **Name** field.
3. Use the **Run** dropdown to specify when you want your scheduled bulk share to run. If selecting a **Run** option where a time of day should be specified, then type the hours, minutes, and seconds in each respective **Time** field.
4. Once all of your desired fields are complete (some may be greyed out), click **Submit**.
5. Now, click **View Scheduled Bulk Shares** and select the share you just created.
6. The **Number of bulk shares to run simultaneously** field may have been previously greyed out, but it shouldn't be anymore. In this field, type a number to specify how many bulk shares you want to run at the same time. This is useful if you don't want all the bulk shares listed in this scheduled bulk share to try and run immediately based on the number of scheduled workers you have available.

i The maximum value that can be entered is based on the value selected in the global [percentage of workers property](#). For example, if you have two nodes and the default eight workers per node with the global property at 50%, then the maximum value allowed will be 8.

The value entered here will override the global property and apply only for this scheduled bulk share. If no value is entered, then the global percentage of workers property is used to determine the number of bulk shares in this scheduled bulk share that will be run concurrently taking into account other scheduled bulk shares that may be running as well.

7. In the **Bulk Shares** table, click **New**. This will take you into a new bulk share form to [create a new bulk share](#) with the schedule configuration. Alternatively, you can click **Edit** to add a previously created bulk share.
8. (Optional!) If you want to control the order of when each bulk share is executed, you can specify which order the bulk share will run with the **order** field within the bulk share.

The screenshot shows the 'Bulk Configuration' form in ServiceNow. The form is titled 'Bulk Configuration' and 'New record [Shared view]'. It has a 'Share' button and an 'Execute Now' button. The form is divided into two main sections: 'Bulk Configuration' and 'Bulk Share'. The 'Bulk Configuration' section includes fields for 'Name' (Perspectium Documentation Example), 'Table name' (Incident [incident]), 'Records Processed', 'Records per second', and 'Group Share'. The 'Bulk Share' section includes fields for 'Direction' (Share), 'Status' (None), 'Started', 'Completed', 'Duration' (00:00:00:00), 'Advanced' (checkbox), 'Obfuscated Records' (0), and 'Order' (1). A red arrow points to the 'Order' field with the text 'Set a number you want to run the bulk share in for the scheduled bulk share'. The 'Order' field is currently set to 1. The form also has tabs for 'Additional Settings', 'Filter and Enrichment', 'Security', and 'Notes'. The 'Additional Settings' tab is active, showing 'Include attachment' (checkbox) and 'Conditional share' (checkbox).

9. Click **Update**.

Cancel a bulk share

You may want to cancel a bulk share for good, or just for the purpose of pausing it temporarily to modify the query or configure additional options. Whatever the reason, here's how to cancel a bulk share:

1. In your sharing ServiceNow instance, go to **Perspectium > Perspectium Core > Shares > Bulk Share > View Bulk Shares**.
2. Find and click into the bulk share (the clickable timestamp) that you want to cancel (or "pause").
3. In the resulting bulk share record page, scroll to the **Related Links** section, and click **Cancel**.

Next, explore some of the additional features you can make use of to further customize and enhance your bulk shares.