Before/after subscribe scripts

Before subscribe scripts

Before subscribe scripts are created with server-side JavaScript and will execute right before an insert or update allowing a chance to modify the record before persisting. Within your before subscribe script, you have access to the following variables:

Variable	Description
current	Record that is being inserted or updated
repl_gr	Temporary inbound record. Will be mapped to **repl_gr** by default.
gr_before	Record before any update is made to it. If the record doesn't exist (i.e., for an insert), then this variable will be assigned to current.
qcurrent	Record within the **psp_in_message** table (pulled from the **Perspectium Mesh**). Use the message's **key** value to determine its source.
ignore	Can assign a value of **true** in order to stop the execution of the subscribe
qcurrentxml	Holds the xml object of the inbound record
xml_util	Holds an xml utility for working with **qcurrentxml**

After subscribe scripts

After subscribe scripts are also created with server-side JavaScript and will run after an inbound (subscribed) record from a sharing instance is synced on the subscribing instance. Within your after subscribe script, you have access to the following variables:

Variable	Description
current	Record that was inserted, updated or deleted, the destination record
qcurrent	Record within the **psp_in_message** table (pulled from the **Perspectium Mesh**). Use the message's **key** value to determine its source.
qcurrentxml	Holds the xml object of the inbound record
xml_util	Holds an xml utility for working with qcurrentxml
subscribe_gr	Holds the GlideRecord object corresponding to the subscribe record configuration itself (You can use **subscribe_gr.getTableName()** to access the name of the table you're trying to insert)

Prerequisites

⚠️ First, you will need to configure a ServiceNow instance as a subscriber.

Create before/after subscribe scripts

To create a before/after subscribe script, follow these steps:

1   Log into a sharing ServiceNow instance that has another ServiceNow instance configured as a subscriber.

2

In the Filter Navigator on the upper left-hand side of the screen., navigate to **Perspectium** > **Replicator** > **Subscribe**.
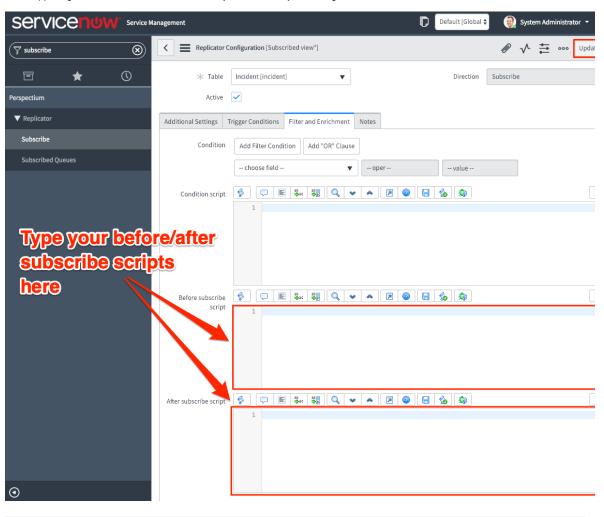
3

Click the timestamp next to the name of the subscribe record you want to create a before/after subscribe script for.

4

Click the **Filter and Enrichment** tab. Then, scroll down to the **After subscribe script** window or the **Before subscribe script** window and start typing your script.

5

In the upper right-hand corner of the form, click **Update** to save your changes.

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