

# Flow Designer Components

## Trigger

### Identify trigger type

When configuring a trigger, the first step is to identify the **Trigger Type**. The Trigger drop-down menu provides a list of available options:

- **Record-based** flows run **after** a record is created or updated. The flow can use the triggering record as input for actions.
- **Schedule-based** flows run a flow at a specified time of day, week, or month. The flow can use the execution time as input for actions.
- **Application-based** flows have a **MetricBase** choice and a **Service Catalog** choice. They are available as selections when the associated application is activated (*e.g. the MetricBase trigger is present when the MetricBase application is active*).

For more information, see [ServiceNow documentation](#).

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### Select table

NOTE: The ITSM application is required to access the Task table.

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### Build conditions

Then, select the **Add filters** icon to open the Condition Builder. It can be used to construct a condition statement that identifies a particular field value in the identified table that must **also evaluate to true**.

Conditions are optional and do **NOT** need to be included if they are not required.

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## Run Trigger

When you configure the trigger for a flow to run when a record is **Updated**, or **Created or Updated**, you must select a Run Trigger option.

Select the information icon to review the definition for each strategy.

Run Trigger	Once ▼
	Once
	For each unique change
	Only if not currently running
	For every update

**IMPORTANT:** *Flows that have a record trigger that runs **For each unique change** can produce recursions when run in a non-interactive session. When these flows make a change to the trigger record, the change meets the flow trigger conditions and causes a recursion.*

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## Advanced Options

Lastly, you can also identify any User Session requirements needed to start the flow with advanced options. Select the **Advanced Options** button to display their menus.

### Interactive session option

- **Only Run for Non-Interactive Sessions** - flows that have a record trigger that runs 'For each unique change' can produce recursions when run in a non-interactive session.
- **Only Run for User Interactive Session** - only triggered in interactive sessions.
- **Run for Both Interactive and Non-Interactive Sessions** - flow is triggered in all sessions. Flows that have a record trigger that runs 'For each unique change' can produce recursions when run in a non-interactive session. (*Default setting*)

### User Options

- **Do not run if triggered by the following users** - flow does NOT trigger for the selected list of users.
- **Only run if triggered by the following users** - flow only triggers for the selected list of users.
- **Run for any user** - flow runs for all users. (*Default setting*)

### Table Options

- **Run only on current table** - Flow that is only triggered for the selected table.
- **Run on current and extended tables** - Flow that is triggered for the selected table and any extended tables.

## Where to run the Flow

- **Run flow in background** - Flow that runs asynchronously in the background.
- **Run flow in foreground** - Flow that runs synchronously. May block the current session thread and prevent user input until the flow finishes.

The screenshot shows the 'TRIGGER' configuration window. At the top, there's a 'now' icon and the title 'User Created or Updated'. Below this, the 'Trigger' is set to 'Created or Updated'. The 'Table' is 'User [sys\_user]'. The 'Condition' section is titled 'All of these conditions must be met' and contains two conditions: 'Location' changes to 'San Diego' and 'Location' changes to 'Calgary'. These conditions are connected by an 'OR' operator. Below the conditions, there's a 'New Criteria' button. The 'Run Trigger' is set to 'Once'. At the bottom, there's an 'Advanced Options' dropdown and 'Delete', 'Cancel', and 'Done' buttons.

*Example of configured Trigger*