

# ServiceNow Application Developer

## Server-side Scripting > Business Rules

Business Rules are server-side logic that execute when database records are queried, updated, inserted, or deleted. Business Rules respond to database interactions regardless of access method: for example, users interacting with records through forms or lists, web services, and data imports (configurable). Business Rules do *not* monitor forms or form fields but do execute their logic when forms interact with the database such as when a record is saved, updated, or submitted.

### Business Rule Configuration

To see all Business Rule configuration options, select the *Advanced* option.

The screenshot shows the 'Business Rule' configuration page in ServiceNow. The header indicates 'Business Rule' and 'New record'. The form is divided into several sections:

- Name:** 'Modify NeedIt Short description'
- Table:** 'NeedIt [x\_58872\_needit\_needit]' (dropdown menu)
- Application:** 'NeedIt' (dropdown menu with an info icon)
- Active:** ☒
- Advanced:** ☒

Below these fields are three tabs: 'When to run', 'Actions', and 'Advanced'. The 'Advanced' tab is selected.

Under the 'Advanced' tab, there are several configuration options:

- When:** 'before' (dropdown menu)
- Order:** '100' (text input)
- Insert:** ☒
- Update:** ☒
- Delete:** ☐
- Query:** ☐

There is a section for 'Filter Conditions' with buttons 'Add Filter Condition' and 'Add "OR" Clause'. Below these buttons, there is a dropdown menu showing 'Short description', a dropdown menu showing 'is empty', and buttons 'AND', 'OR', and 'X'.

At the bottom, there is a 'Role conditions' section with a pencil icon.

- **Name:** Name of the Business Rule.

- **Table:** Specifies the database table containing the records this logic will run against.
- **Application:** Name of the application the Business Rule is part of.
- **Active:** Enables/disables
- **Advanced:** Select to display all Business Rule configuration options.

### When to run Section

- **When:** Select when the Business Rule logic executes relative to the database access.
- **Order:** Order of execution for Business Rules for the same table. Execute in ascending order. By convention, but not required, use *Order* values in round values of one hundred: 100, 200, 300, etc.
- **Insert:** Select to execute the Business Rule logic when new records are inserted into the database.
- **Update:** Select to execute the Business Rule logic when records are modified.
- **Delete:** Select to execute the Business Rule logic when records are deleted.
- **Query:** Select to execute the Business Rule logic when the database table is queried.
- **Filter Conditions:** Add a condition to the configuration such as *State is 14*. The Filter Conditions must return *true* for the Business Rule logic to execute.
- **Role conditions:** Select the roles that users who are modifying records in the table must have for this business rule to run.