



Release Notes - February 2021

RPA Bots for Salesforce Ver 3.0

This latest release of RPA Bots for Salesforce (v3.0) has been updated with a number of changes and enhancements focused on delivering greater flexibility and integration with Control Room, new features such as output data mapping, and a number of improvements to existing functionality. The new capabilities as well as bug fixes in this version are laid out in their respective sections below:

New and Improved

- Brand new Home tab that allows end users to create new connections and configurations from tiles on the page, as well as links to documentation and support
- Support for both A2019 Cloud and On-Premise. Prior versions supported A2019 Cloud only
- Support for multiple Control Room connections to be created in the RPA Bots for Salesforce App. This allows for maintaining connections to multiple Control Room instances or to allow multiple connections into the same Control Room. For example, when departmental access should be allowed through dedicated logins for auditing and compliance.
- Authentication has been broadened to allow for both password and API Key, giving customers the choice of which method they prefer to utilize when creating Control Room connections through the RPA Bots for Salesforce application



- The Bot Configuration wizard has been updated with a Bot Directory tree component to allow users to quickly locate their bot by selecting the subfolder in which the bot resides. Selecting a folder filters the bots visible in the selection combo box
 - The Bot search field has been updated to include real-time search through user entered input which filters the bot results displayed in the selection list as the user types in key words that match the bot name defined in Control Room
 - Run-As-User is now a configurable parameter in the Bot Configuration wizard and allows for selecting which Bot Runner will be used to execute the automation. This is a mandatory value and multiple Run-As-Users can be selected from the list which will then allow Control Room to send the request to the first available device
 - Device Pool is still available but now as an optional parameter. When selecting a Device Pool, ensure that the Run-As-Users selected belong to a role which has been assigned as a Consumer of the Device Pool
 - Number of Run As Users to Use is a numerical value which allows you to indicate how many run as users should be used from the list of Run As Users provided in the previous selection. The system will pick the specified number of run as users with the least number of tasks queued for the run user at the moment of deployment request. If 0 is specified then all of the users will be used. If the number is greater than the number of users provided or less than 0 it will error out
 - The Bot Configuration input mappings now supports the following Automation Anywhere variable types additional to the String type that was supported in the prior versions. When selecting a variable of either type from the Bot, the Salesforce field drop down will automatically be filtered by datatype to match the variable.
 - Number
 - Boolean
 - Date/DateTime
 - List can only be used with multi-picklist Salesforce fields when using the Mapping Type of SF Field. If utilizing Input Field type to pass static values, the list values should be specified in the following format: VALUE;VALUE;VALUE
 - Dictionary can only be used with Mapping Type: Input Field. Dictionary values should be specified as key-value pairs in the format KEY:VALUE,KEY:VALUE
 - The Bot Configuration output mappings supports the following Automation Anywhere variable types. When selecting a variable of either type from the Bot, the Salesforce field drop down will automatically be filtered by datatype to match the variable.
 - String
 - Number
 - Boolean
 - Date/DateTime
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- List can map to multi-picklist fields only.
- The Bot Configuration Wizard has been updated with a third step which allows users to map Bot output variables to the data fields of a Salesforce object of their choosing. It also allows the user to specify one of five operations that should be applied to the incoming data:
 - None – no data will be sent from the bot back to Salesforce
 - Create – Creates a record of the selected object type containing the mapped data
 - Update – Will update an existing record with the mapped data. A record ID is required to be mapped in the output in order to locate the record to update
 - Upsert – Will attempt to locate the record by the mapped output Record ID value. If the record cannot be found, a new record will be created containing the mapped data. A record ID is required to be mapped in order to attempt to first locate a record to update
 - Delete – Will delete the record indicated by the record ID value. A record ID is required to be mapped in the output in order to locate the record to delete
- Notifications, through the Salesforce Customer Notification (bell icon) framework, are now provided after a bot has completed running successfully, or if there was a failure in the execution. Notifications are also provided upon completion of a callback operation, and when a bot is triggered to run from a Process Builder or Lightning Flow
- Process Builder/Flows have been updated to include three additional APEX invocable actions on top of the existing Run Bot with Configuration action available in version 2.0:
 - Run Bot with Connection – allows the definer to specify the Connection ID from the RPA Bots for Salesforce application for authentication. All other parameters such as device details, bot name, and variables will be defined in the Flow.
 - Run Bot with Password – Allows the definer to specify all aspects of the bot trigger including password based authentication, bot name, device details, and variable mappings
 - Run Bot with API-Key – Allows the definer to specify all aspects of the bot trigger including API-Key based authentication, bot name, device details, and variable mappings

Fixes

- The Bot Launcher Lightning Web Component has been updated to only poll once for the status of the bot run from Control Room 5 seconds after the bot trigger action. After
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which the user can refresh the entry for updated status. In prior versions, this component blocked the user from interacting with it until the bot execution was complete.

- The Bot Launcher component has been updated to display detailed results for all prior executions displayed in the component. Previously this only displayed the most recently run status details and prior executions details were not visible beyond success/fail.
 - Better handling of error messages that are returned from the API so that they are more meaningful to the end user
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