

Release Notes for 2.136 (February 6th, 2020)

Last Modified on 11/02/2020 1:46 pm AEDT

ReadiNow reserves the right to update these release notes at any time.

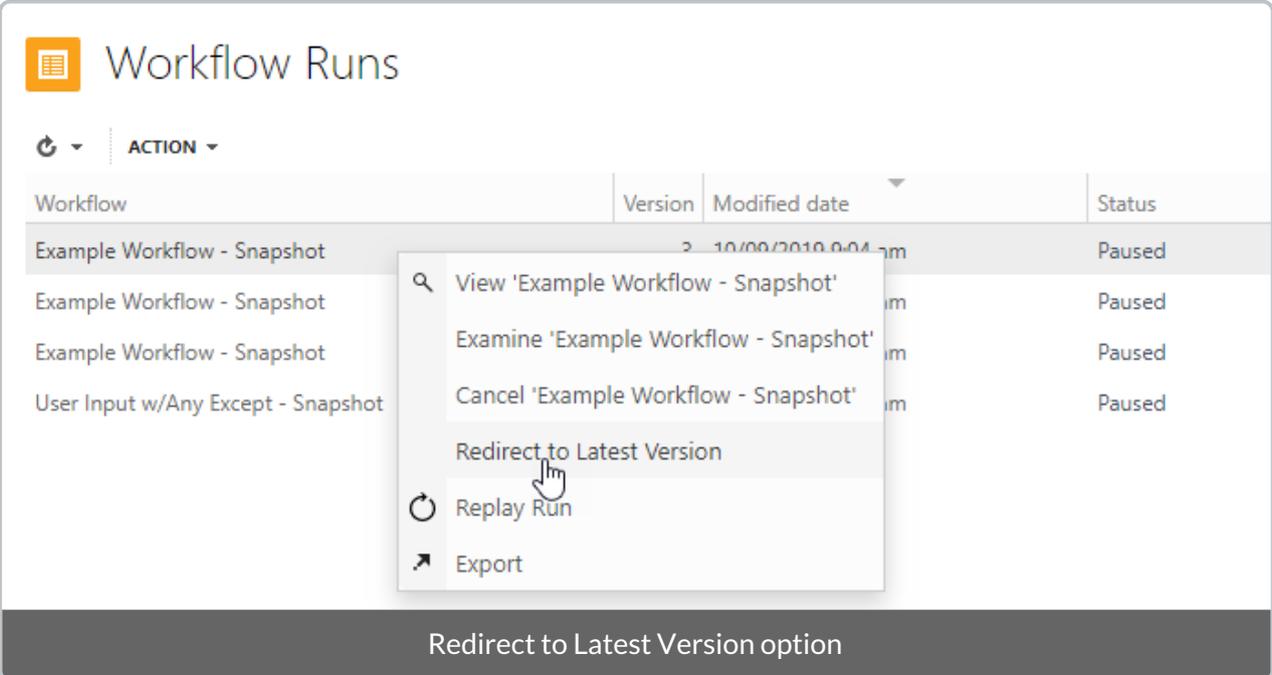
New Features

Workflow Run Management Options

Two new features are included in this release that will allow Tenant Administrators to have better control over their long running or paused Workflow Runs. Both new features are available in the Right Click Context Menu on the Workflow Runs report.

Redirect to Latest Version

The first new feature is *Redirect to Latest Version* which allows for paused or long running Workflows that are running against older versions of the Workflow to be redirected to the latest version.



The screenshot displays the 'Workflow Runs' interface. At the top left is an orange icon with a grid pattern. Below it is the title 'Workflow Runs'. To the right of the title is a search icon and a dropdown menu labeled 'ACTION'. Below this is a table with columns: 'Workflow', 'Version', 'Modified date', and 'Status'. The table contains four rows, all with 'Paused' status. A context menu is open over the first row, listing several actions: 'View 'Example Workflow - Snapshot'', 'Examine 'Example Workflow - Snapshot'', 'Cancel 'Example Workflow - Snapshot'', 'Redirect to Latest Version' (highlighted with a mouse cursor), 'Replay Run', and 'Export'. At the bottom of the screenshot, a dark grey bar contains the text 'Redirect to Latest Version option'.

Workflow	Version	Modified date	Status
Example Workflow - Snapshot	2	10/09/2019 9:04 am	Paused
Example Workflow - Snapshot			Paused
Example Workflow - Snapshot			Paused
User Input w/Any Except - Snapshot			Paused

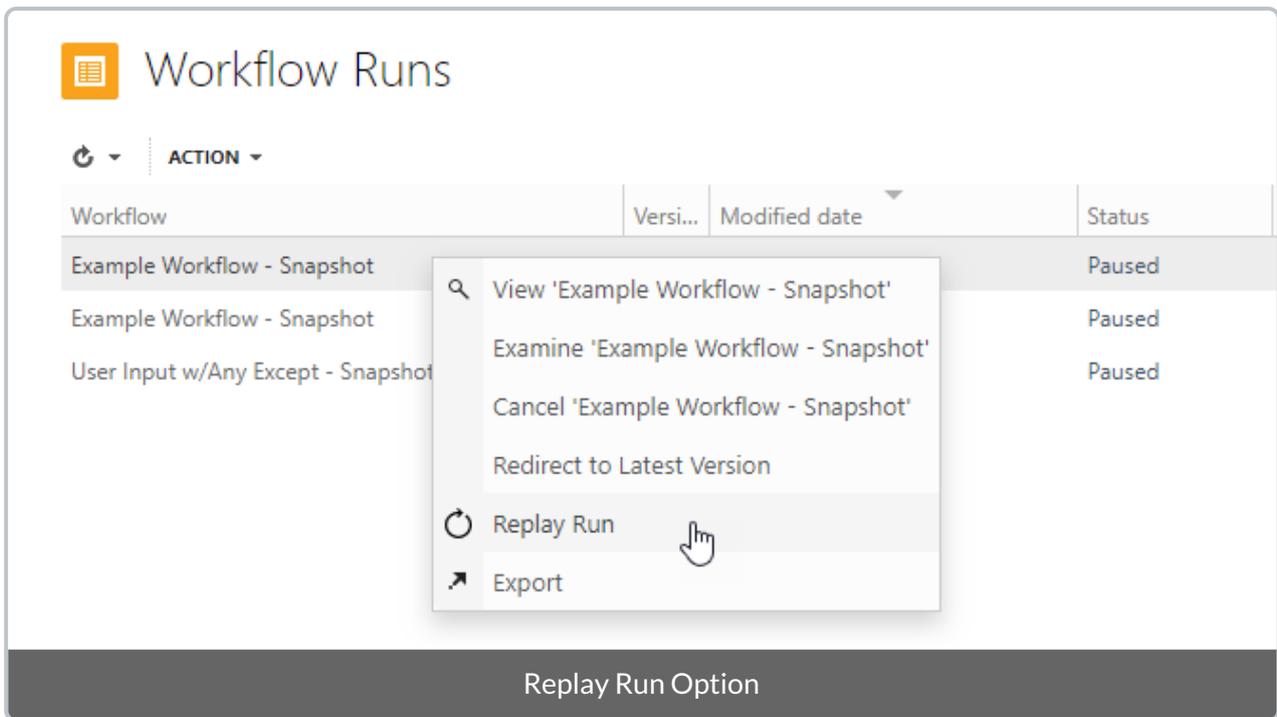
Notes on Usage

1. If the Workflow is already is already on the latest version, Redirect to Latest

- Version will fail and the reason given in a banner alert
2. Redirect to Latest Version is only applicable to Workflows that have not reached an end point (Completed, Failed, or Cancelled). Attempting to redirect a Workflow that has ended will fail and the reason given in a banner alert
 3. If the Workflow Run is paused on a Workflow Activity that has been renamed or deleted in the latest version, the redirect will fail and the reason given in a banner alert
 4. Multi-select is supported - use Ctrl-Click for expanding selection individually or Shift-Click to select all Workflow runs between the first highlighted row and the selected row. Any subset of the selection that fails to redirect will not impact the successful redirection of eligible Workflow Runs contained within the selection
 5. Attempting to redirect a Workflow Run that is currently executing will only be redirected when that Workflow reaches a paused state
 6. Finally, the redirection feature will not (and could not) check for behavioural differences when changing a Workflow Run to the latest version. It is strongly advised that Tenant Administrators review the impact that would occur when considering using this function

Replay Run

The second new feature is *Replay Run* which allows for any failed Workflow Run to be replayed with the same inputs and contexts. This provides an easy way to re-run a Workflow that had temporarily failed (incorrect calculation, security misconfiguration, etc) without requiring the re-entering of all the requisite inputs.



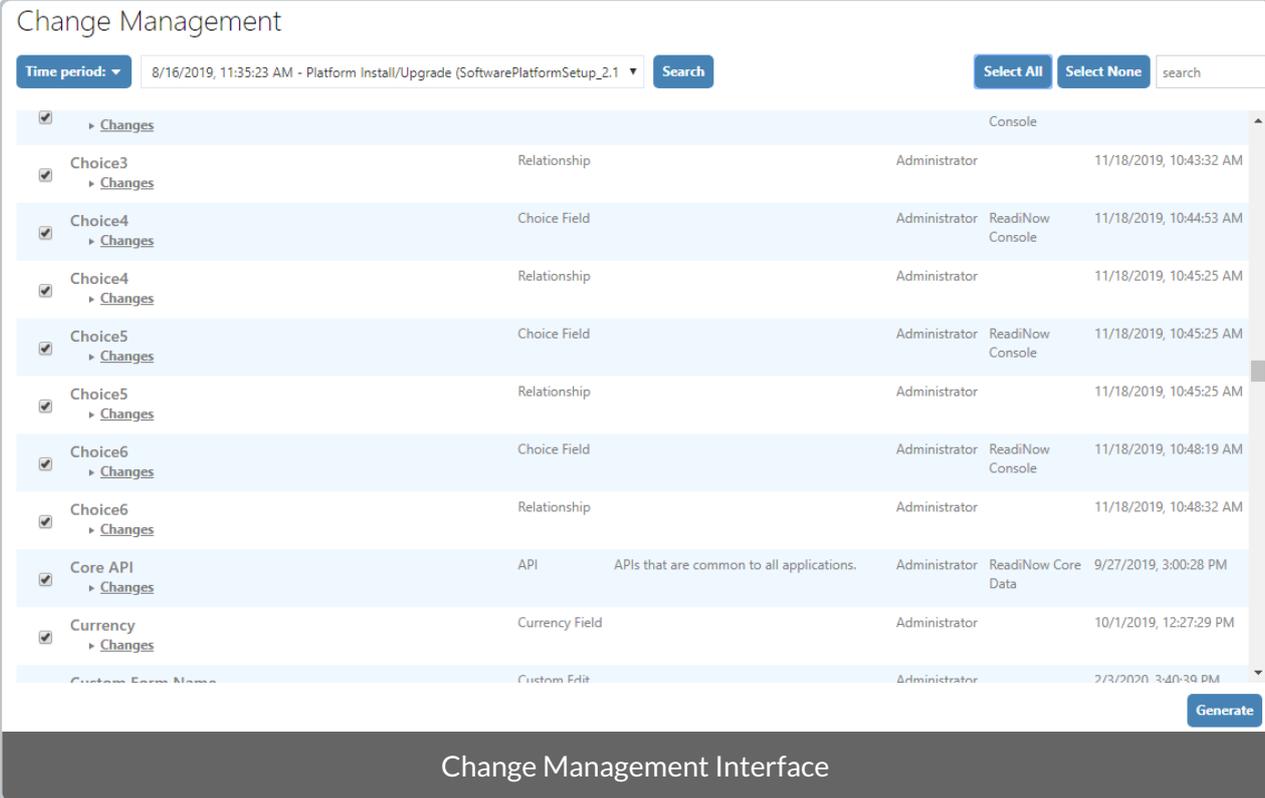
Notes on Usage

1. Replaying a Workflow Run will create a new Workflow Run with the same parameters, triggering user, and correlation code. It will also log an audit message indicating which user is initiating the Replay.
2. Wherever a Workflow has been updated, any Replayed Workflow Runs will use the original version it ran against and not the latest version
3. The "Parent Run" relationship is not maintained. Replaying a failed Child Run will have no effect on the parent run (which will have failed due to the failed Child Run)
4. The Triggering Run relationship is maintained.
5. Multi-select is supported - use Ctrl-Click for expanding selection individually or Shift-Click to select all Workflow runs between the first highlighted row and the selected row. Any subset of the selection that fails to replay will not impact the successful replaying of eligible Workflow Runs contained within the selection
6. While the primary use of Replay Run is to re-run failed Workflow Runs, the feature does not prevent the replay of any Workflow Run regardless of current status. Tenant Administrators are advised to carefully consider the impact if they replay a Workflow Run that has not reached an end state.

Change Management

The new Change Management feature allows Tenant Administrators to move configuration changes between tenants with more ease and precision.

This feature can be found under **Administration -> Applications -> Change Management** on the left hand navigation tree.



The screenshot displays the 'Change Management' interface. At the top, there is a 'Time period' dropdown menu set to '8/16/2019, 11:35:23 AM - Platform Install/Upgrade (SoftwarePlatformSetup_2.1)', a 'Search' button, and 'Select All' and 'Select None' buttons. Below this is a table of changes:

Name	Type	Role	Date
Choice3	Relationship	Administrator	11/18/2019, 10:43:32 AM
Choice4	Choice Field	Administrator	11/18/2019, 10:44:53 AM
Choice4	Relationship	Administrator	11/18/2019, 10:45:25 AM
Choice5	Choice Field	Administrator	11/18/2019, 10:45:25 AM
Choice5	Relationship	Administrator	11/18/2019, 10:45:25 AM
Choice6	Choice Field	Administrator	11/18/2019, 10:48:19 AM
Choice6	Relationship	Administrator	11/18/2019, 10:48:32 AM
Core API	API	Administrator	9/27/2019, 3:00:28 PM
Currency	Currency Field	Administrator	10/1/2019, 12:27:29 PM
Custom Form Name	Custom Edit	Administrator	2/3/2020 3:40:30 PM

A 'Generate' button is located at the bottom right of the table. Below the table, a dark grey bar contains the text 'Change Management Interface'.

Notes on Usage

Selecting the designated Time Period



The screenshot shows the 'Time period' dropdown menu with the option 'Search in the last 5 minutes' selected. A 'Search' button is positioned to the right.

There are three Time Periods that may be used to bracket Configuration Change history:

- **Relative** (as shown above) - show changes between now and the specified time interval in history
- **Absolute** - show changes between specified two absolute date/time reference points

- **Restore Point** - show changes since the selected *Restore Point*. *Restore Points* are created under *Tenant Rollback* - for more information on *Tenant Rollback*, please refer [here](#).

Once the Time Period has been configured, click Search to return the matching list of Configuration Changes.

Managing view of returned Configuration Changes



These are used for broad refinement and/or selection of the returned list of Configuration Changes.

- Select All - checks every item in the change list
- Select None - unchecks every item in the change list
- Search bar - refines change list by the entered search term

Reviewing details of individual Configuration Change items

The details of each Configuration Change item may be reviewed by clicking on Changes to expand a detail window view, as below.

Name	Type	Description	Username	Application	Change Date
Currency	Currency		Administrator		10/1/2019, 12:27:29 PM
<input checked="" type="checkbox"/> Changes	Field				
<div style="border: 1px solid #ccc; padding: 5px;"> Currency Field 'Currency' Modified fields: Decimal places, Name, Script name Modified relationships: Field belongs to group, Resource type </div>					

Generate the Resource XML

Generate

When the desired Configuration Change list has been finalised, click Generate to create the XML containing every Configuration Change that had been checked. This may be imported into the Target Tenant via Import Resource.

Retiring Choice Fields

Values in Choice Fields may now be set to 'Retired'. This feature is available in the Choice Field Properties and via the Administration tab (Administration/Resources/Choice fields).

Choice Field Properties

Name :

Display Name :

Description :

Choice Fields New Use Existing

Choice Values Format: Display text

Name	Description	Retired
NSW		<input type="checkbox"/>
VIC		<input type="checkbox"/>
SA		<input type="checkbox"/>
WA		<input type="checkbox"/>
QLD		<input type="checkbox"/>

Order from minimum to maximum.

▼ OPTIONS

Retire Choice Field option

Notes on Usage

1. When a value has been marked as 'Retired' it will not appear as a choice when creating new Records, but any historical Record that has that value set will retain them.
2. This feature is available on both single and multi-select Choice fields

3. This is a UI restriction only - Workflows or Imports will still be able to set a Choice Value that has been marked as 'Retired'
4. If an existing record has a Retired Choice value set then that choice will still appear in the drop down

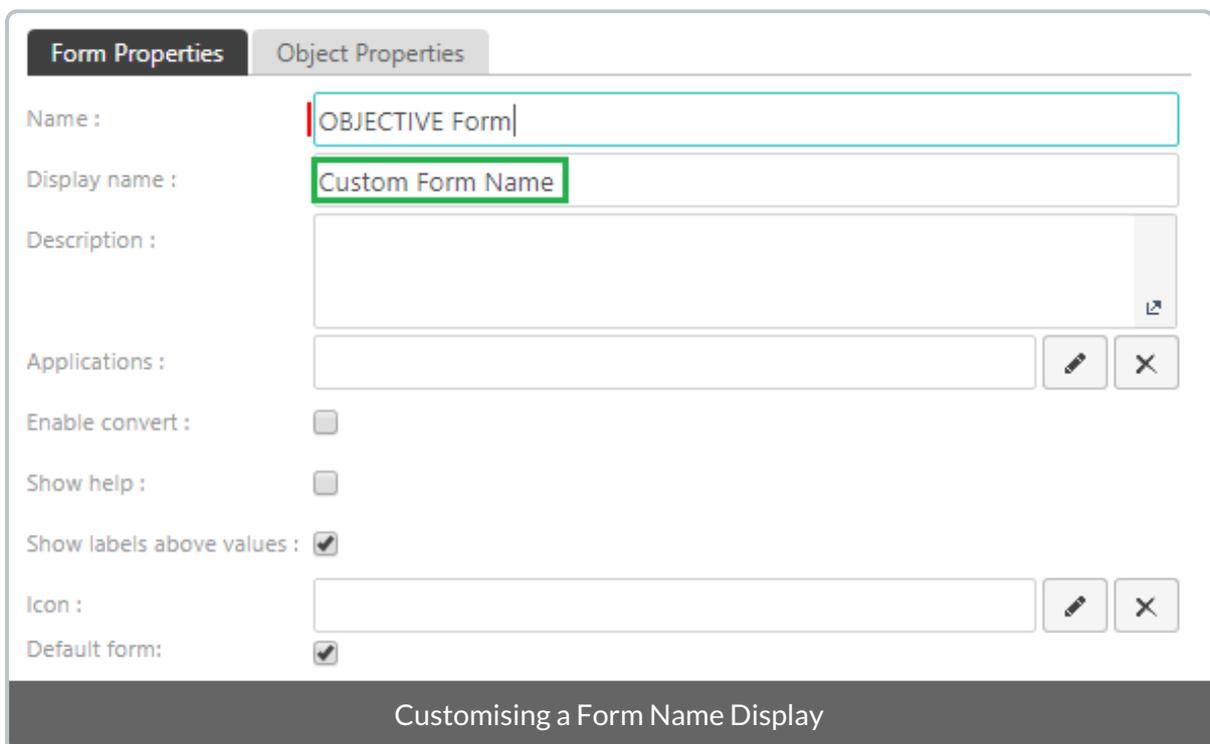
Enhancements

Form Name Display

Previously, the Object Name was shown instead of the Form Name when creating a new Record.

Now, Tenant Administrators may define what Form Display Name appears when creating a new Record depending on the Form being used. This is done by entering the desired value in *Display Name* field on the Form Properties dialog, as below.

Omitting this value will result in the behaviour as before, displaying the Object Name.

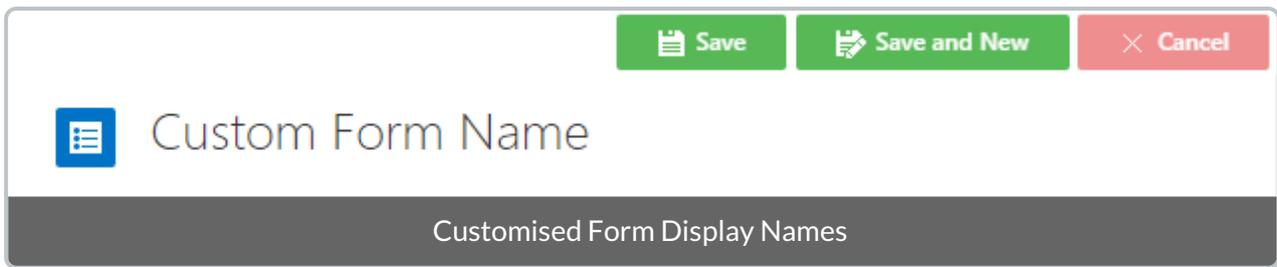


The screenshot shows a dialog box with two tabs: 'Form Properties' (active) and 'Object Properties'. The 'Form Properties' tab contains the following fields and controls:

- Name :** A text input field containing 'OBJECTIVE Form|'.
- Display name :** A text input field containing 'Custom Form Name', which is highlighted with a green border.
- Description :** A large text area with a small icon in the bottom right corner.
- Applications :** A text input field with an edit icon (pencil) and a delete icon (X) to its right.
- Enable convert :** A checkbox that is unchecked.
- Show help :** A checkbox that is unchecked.
- Show labels above values :** A checkbox that is checked.
- Icon :** A text input field with an edit icon (pencil) and a delete icon (X) to its right.
- Default form:** A checkbox that is checked.

At the bottom of the dialog, there is a dark grey bar with the text 'Customising a Form Name Display'.

When creating a New Record using this form, the defined Display Name appears.



Please note that this new enhancement will not change any existing implementations - adoption of this new behaviour must be an explicit action on the part of Tenant Administrators.

Workflow Activity - User Input

Previously, all defined User Inputs in the Workflow Activity were always Mandatory.

As of this release, Tenant Administrators may now define whether or any User Input is Mandatory or Optional, as shown below.

User Input User Input
click to edit description

For Person: ✓

Task name:

Prompt: ✓

Record:

Display as: ▼

Allow 'Save for later'

Workflow Variable/Input [X]

Name: ▼

Report: ✓ ▼

Required

Checking 'Required' marks this input Mandatory

By default all existing User Inputs will be marked as 'Required', as to not change how existing implementations currently behave.

New Theme Options

Tenant Administrators may now specify additional theme options by specifying colours across 5 sub-types of buttons.

BUTTON STYLES AREA

Standard button colour : Maroon

Primary button colour : Red

Secondary button colour : Dark Orange

Approve button colour : Yellow

Reject button colour : Lemon Chiffon

Additional Theme Options

The sub-type of a button is specified in the Record Actions dialog, as below boxed in green.

Long and complex name for ... + Actions

↓

Actions

Record Actions

Icon	Name	Enable	Custom Label	Button Type
▶	Long and complex name ...	<input checked="" type="checkbox"/>	Short	Primary Button

OK Cancel

↓

Short + Actions

Additional Action Button Theme Options

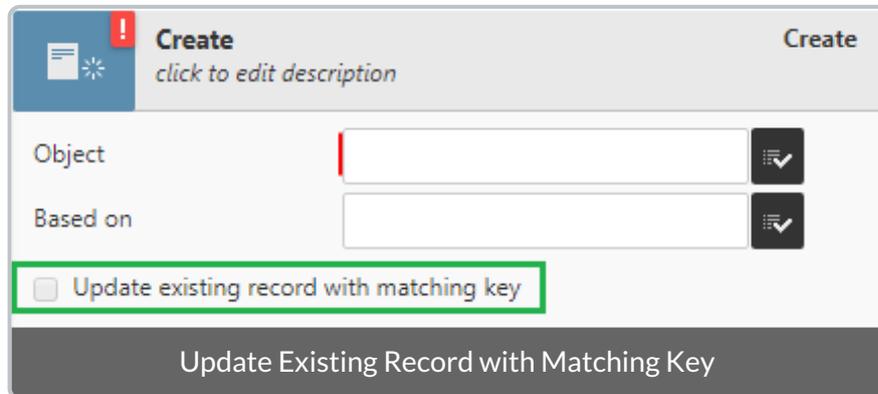
Additionally, Action Buttons may now have their labels customised in the Record Actions dialog as shown above boxed in red.

Miscellaneous

- Configuration Change Log Entries will now refer to entities by their *Display Name*. If there is no *Display Name* defined for the relevant entity, it will be referred to as

followed by an internal entity ID.

- The *Update existing record with matching key* option in the *Create Workflow Activity* will now always display. Previously it would only display if there were resource keys associated with the selected Object. Please note you will not be allowed to check this option if there are no resource keys defined for the selected Object.



The screenshot shows a 'Create' workflow activity form. At the top, there is a header with a red exclamation mark icon, the word 'Create', and a 'click to edit description' link. Below the header, there are two input fields: 'Object' and 'Based on', each with a dropdown arrow icon to its right. Below these fields, there is a checkbox labeled 'Update existing record with matching key', which is highlighted with a green border. At the bottom of the form, there is a dark grey button with the text 'Update Existing Record with Matching Key'.

Bug Fixes

- The Show Help icon will now display properly when two or more fields are horizontally inline on a Form when outside a Container
- Case calculations used in Workflows now compile successfully
- Importing Workflows with variable(s) no longer generates a dependency error message
- "En Dash" (–) character now correctly renders when exported to a Word document
- Workflow Run cleanup no longer occurring sooner than it should
- Disabled Scheduled Workflows is now ticked by default after a Tenant refresh