WEBCON **BPS 2021 R5**

history of changes for version 2021.1.5.223

Before upgrading WEBCON BPS

- Make sure that WEBCON BPS licenses are up to date. It is recommended to refresh licenses before upgrading the system to avoid any unnecessary downtime.

- If the changelog contains a section titled "Changes to existing features", please verify whether the changes will impact your implemented system in any way.

Changes to existing features

[General]

- Due to the security fixes, the moment component has been updated to version 22.29.2: CVE-2022-24785 https://security.snyk.io/vuln/SNYK-JS-MOMENT-2440688.

[Form]

- The mechanism for executing business rules with parameters has been optimized. After the change, the rule with the calculated parameters will be saved in the cache. This allows you to retrieve the rule result from the cache if you need to recalculate it with the same parameter value. Additionally, in the case of the editability and requiredness rules of the item list column, it is possible to use the cache for the rules containing tags that do not refer to the item list columns.

Information

[Form]

- Extended log information in case of problems with loading the form. Errors are logged in the AdminWFEventLogs table in the configuration database.

Bug fixes

[Portal]

- Removed an unnecessary button that appears next to the graphic report added to the application dashboard. The button was displayed if the report was added to a column with a width of 1/3.

- Sorting in application reports has been improved:
  - sorting the Step_Name column by STP_Order value instead of by name
  - sorting data that contains numbers according to the natural sort
  - adding a new grouping node

- Fixed an error with displaying distinguishers defined for the compact view in WEBCON BPS Designer Studio. Until now, if six distinguishers were defined - only five of them appeared in the search results in the Portal.

- Fixed an error that resulted in the browser displaying error and a message about missing rows returned from the database and incorrect database columns, as well as incorrect loading of the cache configuration from the database for several minutes after the operation of changing the form field value or changing the configuration.
  The above error appeared in the browser after changing the configuration or expiration of the configuration cache, if in any required rule the form fields using SQL COMMAND or DATA SOURCE VALUE rules were used with a connection to the current BPS database.

[Form]

- Target fields set by choice fields should now be filled correctly when the workflow instance is launched from the Outlook Add-In.

- Fixed an error that appeared on the form in the attachments section - e-mail conversation tab. The error was related to HTML injection from the e-mail body.

- Fixed an error on the Classic form where the value from the choice field (field B) previously set

with the value from another choice field (field A) was not passed to the dependent field. The error only occurred for the choice fields with the autocomplete mode.

- Fixed an error with grouping elements on the item list if the grouping column was the Choice list column.

- The asterisk next to required form fields should be displayed correctly on the form in OCR verification steps.

- Fixed an error where it was possible to delete e-mail attachments (e-mail conversations) from a newly created workflow instance.

- The log information for the "Object reference not set to an instance of an object" error on the Classic form has been extended.

- Fixed the "Invalid attempt to read when no data is present" error when following the path on the form.

[Designer Studio]

- Fixed an error that resulted in the license being assigned to the wrong user. The error appeared when logging into the SharePoint site with the login and password.

- Fixed an error where the item list was re-initialized when saving a new instance for the first time. The error appeared if the form field validation was disabled when following the path, and the business rule relating to this item list was configured e.g. SELECT VALUES.

- Fixed an issue with importing choice fields - the issue was caused by incorrect characters in the .XML configuration.

- Fixed an error where transferring elements of the document template process between different environments. The error occurred if elements were transferred between differently configured processes. Currently, an appropriate message will appear in such a situation.

- Fixed an error where two steps would get the same order due to incorrect configuration, and it was not possible to reorder them.

- Fixed an error when cloning workflows with the SharePoint groups selected in the privileges.

- WebService communication mode - the process of importing, saving, and modifying OCR projects has been fixed. The error appeared during each attempt to edit the project in WEBCON BPS Designer Studio.

- Fixed an issue where the configuration of Exchange server types (e.g. in HotMailBox configuration) did not show values when Designer Studio was in German language mode.

[Form fields]

- Fixed an error where a form rule was executed to change the value of a choice field if the form field is re-set with the same value.

- Fixed value comparisons in "Multiple lines of text" fields in append mode.

- Fixed an issue with the display order of columns on item lists - in some cases columns were shown in creation order, ignoring form configuration.

- Fixed an issue with Choice fields in Dropdown mode that had a configured Empty element display name - refreshing default values caused the empty element to multiply in the dropdown list.

- Fixed an error when initialization of one choice field (B) with another choice field (A). If a link to another instance was entered in field B, then when a value was passed from field A to field B - the link was not displayed (only the text appeared).

[Processes]

- Fixed an issue preventing the import of ZIP files containing document templates.

[Actions]

- Fixed an error where multiple barcodes could not be printed on one path when using the "Printout a barcode label" action. Until now, only one last barcode was printed in such a situation.

- Fixed an error with generating/updating Word files using older Word templates. Despite selecting the "Support old templates" option, the tags contained in the template did not return any values.

- Fixed an issue where Exchange actions would reference an incorrect version of Microsoft.Graph.dll.

- Reduced the number of logs generated when successfully adding a user to a SharePoint group via action.

- Fixed an error in the Change items list values action for an item list with grouping. The error occurred on the Classic form and the values were assigned to the wrong row in the "Add new values" and "Update values" modes.

- Expanded the logging for Exchange actions - the logs will contain info about users for whom an event was created in the calendar, as well as information about users and e-mail addresses that could not be found.

- In the e-mail notification sent with the "Send a custom e-mail" action, the 'Delegation' name has been changed to 'Substitution'.

[Rules]

- Fixed an error with the GET ATTACHMENTS rule. The error was that this rule returned an empty collection of attachments when following the path at the start step.

- Fixed an error with the GET ATTACHMENT and ATTACHMENT COUNT form rules. The error was related that the rules did not detect attachments added at the start step, e.g. in the scenario of adding an attachment on a new instance and following a path.

[Service]

- Fixed an error of starting service in a container with the -selfhost parameter. At the moment when the service will be started in a container with the -selfhost parameter, it will start as a console application (.exe).

- Improved handling of multi-threaded interruption or reloading of HotFolder and HotMailBox configurations.

- Fixed an error when information from Extension additional fields was removed during incremental synchronization.

[Designer Desk]

- Improved handling of actions defined "On timeout" that move instances along paths - the action would sometimes not execute correctly if the path's "Destination step" was set to "Back to the previous step".

[API]

- Fixed an error when requesting API for BPS groups containing "/" in bpsID, e.g. tom/green@webcon.com. Fixed endpoints for operations on users and groups with the "/" in the name.

- Fixed an issue that caused choice fields set to the same value via the "svalue" name would be cleared instead.