

# WEBCON BPS 2021 R4

## history of changes for version 2021.1.4.84

### Before upgrading WEBCON BPS

- 1 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.
- 1 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]

- 1 The maxAllowedContentLenght parameter was set in the web.IIS.config file (<https://docs.microsoft.com/en-us/iis/configuration/system.webserver/security/requestfiltering/requestlimits/#attributes>) - the parameter value will be 2147483648. The change only applies to Standalone installation.

#### [Portal]

- 1 Changed the way of searching for data in the “Form type” system text field in reports. This field was filtered by ID instead of the display name.

#### [Designer Studio]

- 1 Changed displaying the Designer Studio login window when the “Log in via browser” option is selected. Until now, the login window was always displayed on top, hiding the browser window. After the change, if this option was selected – the login window will be hidden.

# Bug fixes

## [General]

- 1 Optimized the query that is used to delete data related to an archived instance.
  
- 1 Standardized the operation of the “Choice field” form field.  
The changes only affect the choice fields on the form, the behavior of the choice columns on the item list has not been changed.  
The behavior of the choice fields has been changed when setting values of these fields and setting related field values (a choice field sets a value in another choice field).  
The behavior of form fields has changed when saving the form and going through the path, as well as in the case of actions that can modify the form fields on the form (e.g. Change value of a single field, Change values of multiple fields, Start a subworkflow).  
The current rules for setting values in the choice fields are as follows:
  1. When going through the path and saving an instance, the choice field will be set with a value in any format (“ID#Name”, “ID”, “Name”). If a new value has changed (different than the previous value), and it is in the data source of this choice field – the related field will also be set (according to the configuration). The related fields will also be set if they have been marked as “read-only” in the Field matrix.  
The related fields will not be set if a new value has not changed or is not in the data source of the choice field.
  2. Setting an empty value removes the value from the choice field – in this case, the related fields are not updated.
  3. If there are several choice fields, the order in which they will be set or initialized depends on:
    - the order set in the configuration of the action (e.g. Change values of multiple fields)
    - the order on the form set in Designer Studio (the order set on the form fields list or after breaking inheritance in the Global form template).

## [Portal]

- 1 Fixed an error that prevented filtering reports by calculated columns that had the SUBSTRING() function in their configuration.
  
- 1 Users should now be able to correctly save themes on Portal if their timezone is different from the database's timezone.
  
- 1 Blocked the ability to edit the “SQL filter” field in the report configuration for an application designer. They will only be able to see a query, but not edit it.
  
- 1 Fixed an error when loading a SOLR based report if data was filtered by a step.
  
- 1 Fixed an error when loading filters for a calculated column in a SQL-based report.

## **[Applications]**

- 1 For Edge browser - the date range filter on reports should now be displayed correctly.

## **[Designer Studio]**

- 1 Added error log details that may appear when saving the configuration in WEBCON BPS Designer Studio working in the Web Service communication mode.
- 1 Web Service communication mode - fixed an error that prevented the configuration of a report if it contained two processes that both used the same global form field.
- 1 Fixed an error that would occur when attempting to import a document template dictionary process.
- 1 Web Service communication mode - information will be logged about non-existent SharePoint groups in Standalone installations.

## **[Form fields]**

- 1 Fixed an error where form fields depending on the value in the choice field were reset, after deleting values from these form fields and saving changes.
- 1 The prefix and suffix in the configuration of a floating-point number should now accept variables referencing columns of choice columns of an item list.
- 1 Fixed an error with picker fields on the item list related to the character limit of 255. The error occurred when the column contained text translated into several languages. Although the length of the text in each of these languages did not exceed 255 characters, the total text could be longer than the imposed limit. After the change, the limit will be ignored while displaying data on the form (restrictions still apply in the database).
- 1 Fixed an error in the picker configuration for the autocomplete mode. If the “Allow adding values not in data source” option was enabled, and the link to create a new entry in the data source was configured – then after expanding this field on the form, the link did not appear. After the change, the link displays correctly.
- 1 Fixed an error of displaying a form field whose value depended on the choice field value (picker/autocomplete). When a value not in the data source was selected in the picker (the “Allow adding values not in data source” option was selected in the form field configuration), such a form field was displayed in the edit mode – even though the form was in the read-only mode.

- 1 Fixed incorrect setting of a currency code after invoking the SET EMPTY rule on a field whose visibility was dependent on a value in another field. After invoking the rule, the value changed to the default (PLN) instead of a defined currency code (e.g. EUR).

### **[Processes]**

- 1 Fixed adding attachments to a new, not saved workflow instance when a business entity other than the default one was selected.

### **[Actions]**

- 1 Fixed an error with the “Generate an Excel file” action for a Data table form field due to incorrect mapping of column names in the generated Excel file. Names in the generated file were the same as in the template and data source - e.g. “WFD\_AttText1” instead of “Currency”. After the change, columns in the file will be replaced according to the mapping set in the form field configuration (display name).

### **[Rules]**

- 1 Fixed an error that occurred when opening business rules.

### **[Data sources]**

- 1 Fixed an error in connections to data sources in the SharePoint Classic installation.
- 1 Fixed an error when getting records from Active Directory that do not have the SAMAccountName properties.

### **[Service]**

- 1 Fixed logging of the connection initialization error with the SOLR search server. Changed a type of such errors from ‘error’ to “warning’.
- 1 Fixed an error that would turn off timeouts if the time allowed for going through a path or saving an instance has expired. Added logs from the service in the diagnostic mode.
- 1 Fixed an error in the SOLR report when searching for data using the “Step” system column. Changed the behavior of other fields – data in all filters (except the Step filter) can be searched only by a name.

### **[Designer Desk]**

- 1 Fixed an error where the system form fields could not be reordered in the global form template in Designer Studio. The error was related to applications created in Designer Desk.

## API

- 1 Improved the public API method – getting data from reports when the report contains the “Person” type column.