

WEBCON **BPS 2022 R4**

history of changes for version 2022.1.4.111

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1. Before upgrading WEBCON BPS

1.1. Before upgrading WEBCON BPS

- To avoid unnecessary interruptions in the system operation, make sure that WEBCON BPS licenses are up to date. To do this, verify the availability of the **WEBCON BPS Server 2022** license in the license report. This report is available from **WEBCON BPS Designer Studio** -> *system menu in the upper left corner* -> **Licenses**. Current licenses must be downloaded if necessary.
- If the changelog contains a section titled "Changes to existing features", please verify whether the changes will impact your implemented system in any way.

2. Information

2.1. General

- Additional indexes will be created in the **WFElementTasks** table to improve the archiving performance.
Depending on the amount of data stored in **WFElementTasks**, it will be necessary to provide additional disk space to store the new indexes.
If the number of records in **WFElementTasks** exceeds 100,000, then, before starting the system upgrade, the installer's requirements verification step will display a message containing the estimated script execution time and the required additional disk space.

3. Changes to existing features

3.1. Data sources

- The **PickerVal** tag will return the value from the first searched column (if more than one column of the choice field is searched).

4. Security fixes

4.1. Security fixes

- Updated component **BouncyCastle.Crypto** to version (1.9.0.0) due to it being erroneously treated as a threat: <https://www.virustotal.com/gui/file/de1c0dd2bbcdf8a3af539a8de351d55a01a9dde5d1bc5dc564ec70cc0784a2/detection>

5. New features

5.1. Data sources

- A new option named **Validate Connection** was added for **Oracle database** connections.

- Validate connection:

-

Toggling this checkbox will add the `ValidateConnection=true` parameter to the Oracle connection string.

Thanks to this, connections from the connection pool will be validated before being used. In cases where the connection is lost (e.g. through proxy) it will not cause an error, but a new connection will be opened instead.

6. Bug fixes

6.1. General

- Fixed an error involving cache refreshing that occurred on environments containing related processes (i.e. processes from other applications). The error caused e.g. looping On Timeout actions, and the "An item with the same key has already been added" error which caused Portal to become unresponsive.
- The login parameter in SQL queries will have a set length (255).
- Unified the behavior of the **ExpectContinue** header (status 100) for Portal and the service. Authentications that download a token will have this value set to True by default in order to facilitate a connection.
REST actions and data sources will have this value set to False by default. It can be changed in the action configuration via the XML file only.

6.2. Portal

- The order of columns in the Excel file exported from a **Dictionary Report** will correspond to the column order on the view from which the export was initiated.
- Fixed an issue preventing the saving of a **Report** if the first view was a chart.
- Editing **BPS Groups** will no longer cause the BPS_ID to be validated - it cannot be changed anyway.
- Fixed an issue on **Reports** that caused the scroll bar not to appear.
- Fixed an error preventing attachments with .MSG extensions from being added.

6.3. Form

- Optimized the **Attachments panel** on the form. Excessive SQL queries were activated when loading related attachments and e-mail conversations.
- Fixed an issue that prevented **Form rules** from being used on **Data table** type fields.
- Improved the visibility of the version number in the start step.
- The attachment preview window on the form will now fit the screen better - leaving less space above and below the window.
- Fixed the centering of **Yes/No** choice fields (i.e. checkboxes) on **Item lists**.
- Fixed a formatting issue in **Data row** form fields, numbers will be aligned to the right.

- Fixed an issue that caused the "target field" function in **Choice fields** to treat text as dates.
- The **Data row** form field displaying a percentage with no value will now show "0%" using the control font color.
- Fixed an error that prevented **Form rules** executed on value change to take effect on **Local attachment** columns of **Item lists**.

6.4. Designer Studio

- Optimized saving in Designer Studio.
- Calculated columns, system fields, and Item lists will not be exported to Excel from **Dictionary reports**.

6.5. Actions

- Exchange events created using MS Graph will include HTML in the event description.
- Improved error logs for actions involving SharePoint.
- Fixed lack of item lists in the mapping of the **Generate Excel file** action.
- Exchange actions configured to set the status in Graph when creating/modifying Exchange Events will now work correctly.
- Fixed an issue preventing the **Invoke SOAP Web service** action from being configured after constants were used in its configuration.

6.6. Rules

- Fixed an issue after defining a **Form rule** on a page load with respect to the **Item list** whose visibility on the **Field matrix** was hidden. A similar issue occurred when the Item list was visible and one of its columns was not.
- Fixed an issue that prevented **Form rules** from being used on **HTML** type fields.
- Fixed an error that occurred when using an unsaved **Business rule**.
- Fixed an issue that allowed variables to be used in places where they shouldn't be available.

6.7. Data sources

- Fixed an issue that made it impossible to filter the **SharePoint list** data source column using the value from the **Yes/No choice** form field.
- Invoking **SharePoint list** type data sources will work through a proxy.

6.8. Add-In

- Improved the loading of translations into the Outlook Classic Add-in.
- The Outlook Modern Add-in will show correct info about not supporting Outlook 2019.

6.9. Mobile app

- Fixed an error that would sometimes occur on the mobile Safari form when attempting to save immediately after entering data into the **Multiple lines of text** field in rich mode.

6.10. Service

- E-mails processed by a **HotMailBox** configured to use **Exchange Online - Microsoft Graph** will be marked as read in the archival mailbox.
- Fixed an issue involving incorrect date conversion by HotMailBoxes.
- Fixed an issue with licensing in Cloud installations - an erroneous message was displayed about the service account needing licenses.

6.11. Designer Desk

- Added a migration script that deletes unused automations in published Designer Desk applications.