

Apama Analytics Builder for Cumulocity IoT

10.3.2 Readme

April 2019

This file contains important information you must read before using Apama Analytics Builder for Cumulocity IoT 10.3.2. You can find system requirements, user documentation, and installation and upgrade instructions for Cumulocity IoT Edge at <https://cumulocity.com/guides/edge/overview/>. The user documentation for Apama Analytics Builder can be found on the [Documentation website](#) or the [TECHcommunity website](#).

Included in this file is information about functionality that has been added, removed, deprecated, or changed for this product. Deprecated functionality continues to work and is supported by Software AG, but may be removed in a future release. Software AG recommends against using deprecated functionality in new projects.

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1.0 Critical Information

This section lists any critical issues for the current release that were known when this readme was published. For critical information found later, go to the Knowledge Center on the [Empower website](#).

2.0 Known Issues

This section lists any issues for the current release that were known when this readme was published. For known issues found later, go to the Knowledge Center on the [Empower website](#).

- PAB-144
Tags input field has a jumpy cursor in Internet Explorer.
In Internet Explorer only, the **Tags** input field in the Model Configuration dialog will move the cursor to the end of the input field on any keystroke. It is thus not possible to edit text in the middle of a tag. Delete from the right hand side to correct mistakes in the tag names.
- PAB-165
The text box in Internet Explorer for the Output Operation block can be very slow and the cursor flickers.
In Internet Explorer only, if a block is positioned near the edge of the visible window, then when the block parameter editor is opened, text entry into text boxes can be very slow, and the mouse cursor will flicker. This can be avoided by dragging the canvas to scroll the model so that the block is near the middle of the window.
- PAB-336
Child devices must have the `c8y_IsDevice` property to be usable in Apama Analytics Builder. Apama Analytics Builder requires devices to have the `c8y_IsDevice` property. When creating child devices via MQTT, this property may not be set. So it needs to be set in order for the device to be usable by Apama Analytics Builder.
- PAB-338
Group text editor keeps focus even if you open the Model Configuration dialog.
If the Model Configuration dialog is brought up while editing a group name, the group name editor will retain focus and steal keystrokes, even if hidden by the Model Configuration dialog. Press Enter to complete the group name edit operation before opening other dialogs.
- PAB-344
Changing the language via the Cumulocity user menu loses all model editor state.
A change to the language of the Apama Analytics Builder user interface reloads the model editor. This results in losing all of the model editor state. Click the Save toolbar button before changing the language.

- PAB-360
Scroll bar when using devices drop-down while loading data.
A scroll bar is shown on the canvas when a block is located at the bottom of the page, and devices/groups are not loaded when the user opens the drop-down. On making an invalid search, a drop-down is opened; and again, when a search is made and content is loading, a scroll bar is shown again on the page.
- PAB-399
Search functionality in palette has issues with Internet Explorer.
Clicking on the search box in the palette causes a reload of the devices and groups, which will slow down the interface. Typing in between letters can cause a line break, thus splitting a word across two lines. Use a different browser or only type at the end of the search text box.
- PAB-421
Models that enter a runtime error state after being created are not editable and will not re-activate immediately.
If a model goes into a runtime error state after it has been activated, the model manager shows it in an Inactive state. However, it is not possible to change the model's mode, and while it can be opened in the model editor, saving the model will fail. Attempting to re-activate the model will report the same error. But after this first re-activation, the model can be changed or activated to restart it.
- PAB-422
Wait for 1 minute after restarting the Apama correlator before using models.
If the correlator service is restarted, it can take up to 1 minute to re-activate any models. Models activated within a minute of the correlator being started may be de-activated and re-activated without warning. It is recommended to wait at least 1 minute after restarting the correlator before using models.
- PAB-427
Analytics Builder requires an Apama license.
While the Edge post-installation steps state that an Apama license is optional (it is not required if you are not using any Apama components), an Apama license is required for Analytics Builder. Analytics Builder will not function correctly if an Apama license is not supplied.

3.0 Usage Notes

This section provides any additional information you need to work with the current release of this product.

- PAB-169
Validation of block parameters only occurs when a model is marked as Active.
The only validation that the model editor will perform is whether required block parameters are filled in. Validation of the value of block parameters occurs when a model is marked as Active. If there are issues, the model manager will display an error and move the model to the Inactive state. Use the model manager's Active button in test mode to check the correctness of block parameters.
- PAB-170
Model editor always uses English locale for numbers.
Numeric values must be specified using a period (.) for a decimal point (not required for whole numbers), and they must not contain a thousands separator. Scientific notation may be used (for example, "1e3" is 1000).
- PAB-25
New/deleted devices are not refreshed and need the model editor to be reopened.
If devices are added or removed from the inventory in Cumulocity, this is not shown in the model editor while it is active. Click X to leave the model editor and thus to return to the model manager. Then edit the model again to re-load the devices in the model editor if required.
- PAB-21
Unsaved models should be prompted to save on URL change.
If you change a model in the model editor, then navigating using the browser's back button or editing the URL of the browser may result in losing changes. Save the model before performing such operations.

4.0 Copyright Information

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5.0 Support

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