

Software AG MashZone NextGen Business Analytics 9.12 Readme

October 2016

This file contains important information you must read before using Software AG MashZone NextGen Business Analytics 9.12. You can find system requirements, user documentation, and installation and upgrade instructions on the [Documentation website](#) or the [TECHcommunity website](#). At those locations, you can also find suite-related security and globalization information.

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](#).

- JBP-4727
Migration of dashboard permissions from 9.10 to 9.12 does not work under Oracle.
When using Oracle persistence certain permissions assigned to a dashboard created with MashZone NG version 9.10 are not migrated to version 9.12.
There is currently no workaround for this issue.

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](#).

- JBP- 4744
Dashboard grid crashes Chrome Browser.
Using the developer tools in chrome browser version 53 and moving a just created widget around causes a console error and slows down or crashes chrome browser.
There is currently no workaround for this issue.
- JBP- 4738
X-Axis labels are improper.
The number of bars and label texts in a bar chart may be different for certain cases.
There is currently no workaround for this issue.
- JBP- 4736
Arithmetic operator - result is rounded for multiply operation.
If the result of a multiplication exceeds the internal number range the result may be rounded in same way.
Workaround: Try to use the division with the reciprocal e.g. division by 0.001 instead of multiplication with 1000.
- JBP- 4719
X-Axis labels are not showing properly for small labels when we trim x-axis ticks.
When small labels of the x-axis were trimmed, basically 2 digits, only dots were displayed instead of the actual x-axis label.
There is currently no workaround for this issue.
- JBP-4693
For a POST REST mashable, when input document type is given as "application/json", on saving MZNG is adding double quotes for input.
When input document type is given as "application/json" for a POST REST mashable filled with JSON text and running that mashable an error occurs due to auto-generated double quotes.
Workaround: Remove the auto-generated double quotes to execute the service successfully.

- JBP-4280
REST Mashable with repeating input parameter not working.
Running a REST mashable using an URL with multiple values for the same key e.g.
...?key=1&key=2 leads to an error message.
There is currently no workaround for this issue.

3.0 Usage Notes

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

Business Analytics Server

- New Dashboard does not support clustering on Business Analytics instances.
- If the Business Analytics server is running behind a firewall both TCP ports specified during installation (Business Analytics server and internal UM server, default 8080 and 9009) have to be open in the firewall.
- The <storeto> element in RAQL has changed syntax significantly, which may affect any existing mashups created with 3.6. See <http://documentation.softwareag.com/presto/v99/webhelp/index.html#page/presto-onlinehelp%2FstoreExtStmt.html%23> for details.
- The <loadfrom> element in RAQL has changed syntax significantly, which may affect any existing mashups created with 3.6. See <http://documentation.softwareag.com/presto/v99/webhelp/index.html#page/presto-onlinehelp%2FloadExtStmt.html%23> for details.
- The interfaces for user-defined analytic functions in RAQL have been changed, which may affect existing aggregate or window analytic function implementations. Plain functions are not affected by those changes. For sample implementations, deployment and usage instructions please see <http://documentation.softwareag.com/presto/v99/webhelp/index.html#page/presto-onlinehelp/userDefinedFunctions.html>.
- Metadata repository configuration is now done via JNDI in the tomee.xml file. Because of this change, the Metadata repository configuration screen is no longer available in Admin Console. See <http://documentation.softwareag.com/presto/v99/webhelp/index.html#page/presto-onlinehelp/moveRepository2NewDB.html> for links to the specific procedure to configure the Presto Repository for this release.

Browsers

- If Chrome browser is used it's recommended to use Chrome browser version 53 or later. Previous

version may cause some unexpected results using Business Analytics.

4.0 Fixes Included in Each Release

This section lists the latest fix level that has been included in each release for each product component. A release is listed in this section only if changes occurred in that release. Go to the Knowledge Center on the [Empower website](#) for detailed information about fixes.

5.0 Other Resolved Issues

This section lists the issues that were resolved in each release but were not part of the fixes listed in the previous section. A release is listed in this section only if changes occurred in that release.

Release 9.12

- JBP-3218
REST service access errors when REALOADING a dashboard.
Reloading a dashboard while the transition from EDIT to VIEW is still in progress leads to unexpected REST access error.
- JBP-3402
Business Analytics system allows to create mashables with special characters.
Creating a Mashup or App using a service which name contains special characters results in an error message.
- JBP- 4078
Documentation for enabling MashZone datafeeds in Business Analytics is incorrect.
The Business Analytics documentaion names the configuration file presto.conf instead of presto.config.
- JBP-4051
Date conversion error in Dashboard data configuration
Importing a date string with milliseconds (format yyyy-MM-dd hh:mm:ss.S) and converting it to date results in an error.

Release 9.10

- JBP-3245
<invoke> using stream=true has wrong semantics when used with CSV source
EMML <invoke/> on csv sources with stream=true was causing non-application of RAQL scheme semantics on the datasource. Also this was internally building XML DOM from source, instead of streaming data from source to RAQL engine.
- JBP-3242

RAQL date parsing accepts before reaching the end of the field

Several fixes concerning RAQL date parsing may lead to changed behavior concerning the actual datatype that is guessed from a data source without an explicit scheme. Now date can be guessed where previously string was used, because of added support for date formats. Also string can be guessed where it was date before, because parsing is more strict than it was before (e.g. does not terminate before the end of a value has been reached).

In order to avoid this type of problem, it is highly recommended to use explicit schemes, rather than relying on data type guessing for production systems.

- JBP-2799
Mashup JSON responses are not cast to XML when output is of document type
In EMMML, assigning JSON value to XML variable type within a Javascript block will now trigger implicit conversion from JSON to XML. In previous versions, no such implicit data conversion happens and users manually had to convert by typically calling a Java API.
- JBP-2769
Several label texts / items weren't localized in Dashboard editor.
- JBP-2762
Paged Layout of a workspace was not working correctly when logged in using Japanese language.
- JBP-2725
XML Source couldn't handle XML sources based on XML attributes exclusively.
- JBP-2676
The Audit Logs window didn't display the dates in Japanese format using Japanese language.
- JBP-2373
EDA Event Sources lose "connection" to UM
The size of internal UM events to handle results of queries greater than 3MB can be specified in key `um-server.maxBufferSize` of file `um.properties` (folder `<installDir>\um`), default value is 3145728 (3MB).
- JBP-2372
If input value is more than Max value defined in Color Ranges field of Gauge Set View, the pointer was pointing to 0 Which is minimum value.
- JBP-2370
Missing the upper limit value in Color Ranges field of Gauge Set View no color for palette was displayed.
- JBP-2351
Wiring of an App was not working for Map View, the according icon was shown but when clicked it was showing nothing and wasn't able to do wiring with other apps.
- JBP-2323
If the network connection got broken for any reason running a Mashup or App successfully and this Mashup or App was opened again an unclear message was displayed.

- JBP-2322
A mashable based on a CSV file didn't show complete data in Tree View by default.
- JBP-2152
Under certain circumstances adding an element to favorites didn't show any message in the info box.
- JBP-2107
Date selection Mashup / Mashable snapshot allowed to specify future dates of Presto system date.
- JBP-1332
The required authentication to upload files to MashZone NG server has been improved.

6.0 Documentation Changes

This section describes significant changes to the documentation, such as the addition, relocation, or removal of product guides, online help, chapters, or other major content. A release is listed in this section only if changes occurred in that release.

7.0 Terminology Changes

A release is listed in this section only if changes occurred in that release.

Release 9.12

Old Term	New Term
MashZone NextGen	MashZone NextGen Business Analytics where Business Analytics is the product name and MashZone NextGen is the name of the product node (brand).

Release 9.10

Old Term	New Term
Presto	MashZone NextGen Presto has been renamed to MashZone NextGen. This affects only the UI and documentation (Online help).
Speedometer chart	The Speedometer chart has been renamed to Circular Gauge chart.
Freeform	Dashboard editor

8.0 Added, Removed, Deprecated, or Changed Items

This section lists features, functionality, controls, portlets, properties, or other items that have been added, removed, deprecated, or changed. A release is listed in this section only if changes occurred in that release.

Release 9.12

Added Item	Description
Dashboarding: new data sources	<ul style="list-style-type: none">• PPM enables analyzing of any PPM data based on PPM aliases.• Excel XLS as well as XSLX files can be read.• Data feed any data feed created with the new feed editor can visualize its data.
Widgets across multiple tabs	A widget configured to be displayed on multiple tabs can be used as a filter or to trigger selection events across multiple tabs.
Feed-editor	A new feed-editor has been implemented to edit and save MashZone data feeds.
Direct file access for data sources	An Administrator can configure a list of file aliases to enable direct access to source file located in the file system of Business Analytics server.
Import / export data feeds	The administration tool padmin has been enabled to import and export data feeds.

Added Item	Description
Migration	<p>Data feeds of legacy Mashzone can be imported using the new migration tool. Option –migration is required to import and migrate MZP files actually.</p> <p>There are some restrictions migrating legacy MashZone feeds: migration is canceled if the feed contains one of the following legacy MashZone features:</p> <ul style="list-style-type: none"> • Operators <ul style="list-style-type: none"> ○ Data sources <ul style="list-style-type: none"> ▪ Manual data ▪ Old PPM operator (URL based) ▪ wmOptimize ▪ BigMemory ○ Preprocessing in XML operator ○ Text <ul style="list-style-type: none"> ▪ Create URL ○ Date <ul style="list-style-type: none"> ▪ Move single date ▪ Replace date fields ○ Geolocation <ul style="list-style-type: none"> ▪ Aggregate geolocations ▪ Retrieve geolocations • Source locations <ul style="list-style-type: none"> ○ ARIS Design Server ○ Google DOCS ○ Uploaded files
Removed Item	Replacement, if any
Legacy MashZone feed-editor (flash based)	New html5 based feed-editor

Added Item	Description
The legacy MashZone importtool.bat and exporttool.bat (folder .\MashZoneNG\mashzone\tools\runtool) have been removed.	Existing administration tool padmin has been enabled to import and export data feeds now.

Deprecated Item	Replacement, if any
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Changed Item	Description
Business analytics start page	The start page displayed right after login has been redesigned. E.G. the controls of legacy Presto stuff (EMML, RAQL) have been moved to sub-menus.

Release 9.10

Added Item	Description
Runtime	MashZone NextGen provides scripts to run the server in Docker environment.
CSV / XML source	The handling of MashZone NextGen CSV and XML sources used in Dashboard Editor, RAQL and MZ feeds has been unified.
RAQL enhancement	<p>The RAQL interface has been improved:</p> <ul style="list-style-type: none"> ▪ Added support for Outer Joins (left, right, full) as specified in SQL standard ▪ Within RTM the physical query has been optimized by using hash based Difference and hash based Intersection.
Pie chart labels	The ability to display labels outside a pie chart has been added by selecting option Value Position outside.
Data source	<p>The following source operators have been added:</p> <ul style="list-style-type: none"> ▪ CSV ▪ JDBC ▪ ARIS table
XML source operator	The current column configuration can be copied to the clipboard. Also, white spaces for column names are supported.

Added Item	Description
Data calculation	<p>The following calculation operators have been added:</p> <ul style="list-style-type: none"> ▪ Arithmetic ▪ Aggregate ▪ Condition replace ▪ Filter rows ▪ Processing columns: Insert, Delete, Rename, Duplicate ▪ Move date ▪ Round up/down
Chart types	<p>The following types of charts have been added:</p> <ul style="list-style-type: none"> ▪ Bar chart ▪ Horizontal and vertical Gauge chart ▪ Traffic lights ▪ Thresholds and traffic lights in grid ▪ Enhanced styling features in the container and header of widgets. The following items can be specified for Y-axis of a chart: title, common format, and data range.
Dashboard editor	<p>The Dashboard editor has been enhanced:</p> <ul style="list-style-type: none"> ▪ Access a MashZone NextGen Dashboard/App from an external application e.g. MWS using an URL where parameters can be provided and accepted by the MashZone NextGen Dashboard/App ▪ Certain actions (change tab, set selection, call URL) can be triggered by selecting, clicking or hovering over a widget ▪ Dashboard only mode: the dashboard header can be hidden by URL parameter ▪ Dashboards can be opened from the hub ▪ Dashboards based on non EDA sources can be refreshed automatically in a regular manner.

Removed Item	Replacement, if any
Grid options	The grid option “Negative values in red” is no longer supported. The user can use thresholds instead.
XML source operator	The ability of the XML source operator to switch back and forth between grid and text mode has been removed.

Deprecated Item	Replacement, if any
Sharepoint connector	Embedded using iFrames
Portal connector	
RAQL Explorer	

Changed Item	Description
Data points of a line chart	The look of data point of a line chart can be set. Options are none, small and big.
Dashboard editor masthead	The Dashbord editor masthead has been aligned with the MashZone NextGen one.
Selection Dashboard editor source	All operators of Dashboard editor are listed on the right side and can be added by one click.

9.0 Added, Removed, Deprecated, or Changed Built-In Services

A release is listed in this section only if changes occurred in that release.

Release 9.12

Changed Service	Description
MashZoneNextGen910	The service was renamed from MashZoneNextGen910 to MashZoneNextGen912.

10.0 Copyright Information

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11.0 Support

Visit the [Empower website](#) to learn about support policies and critical alerts, read technical articles and papers, download products and fixes, submit feature/enhancement requests, and more.

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