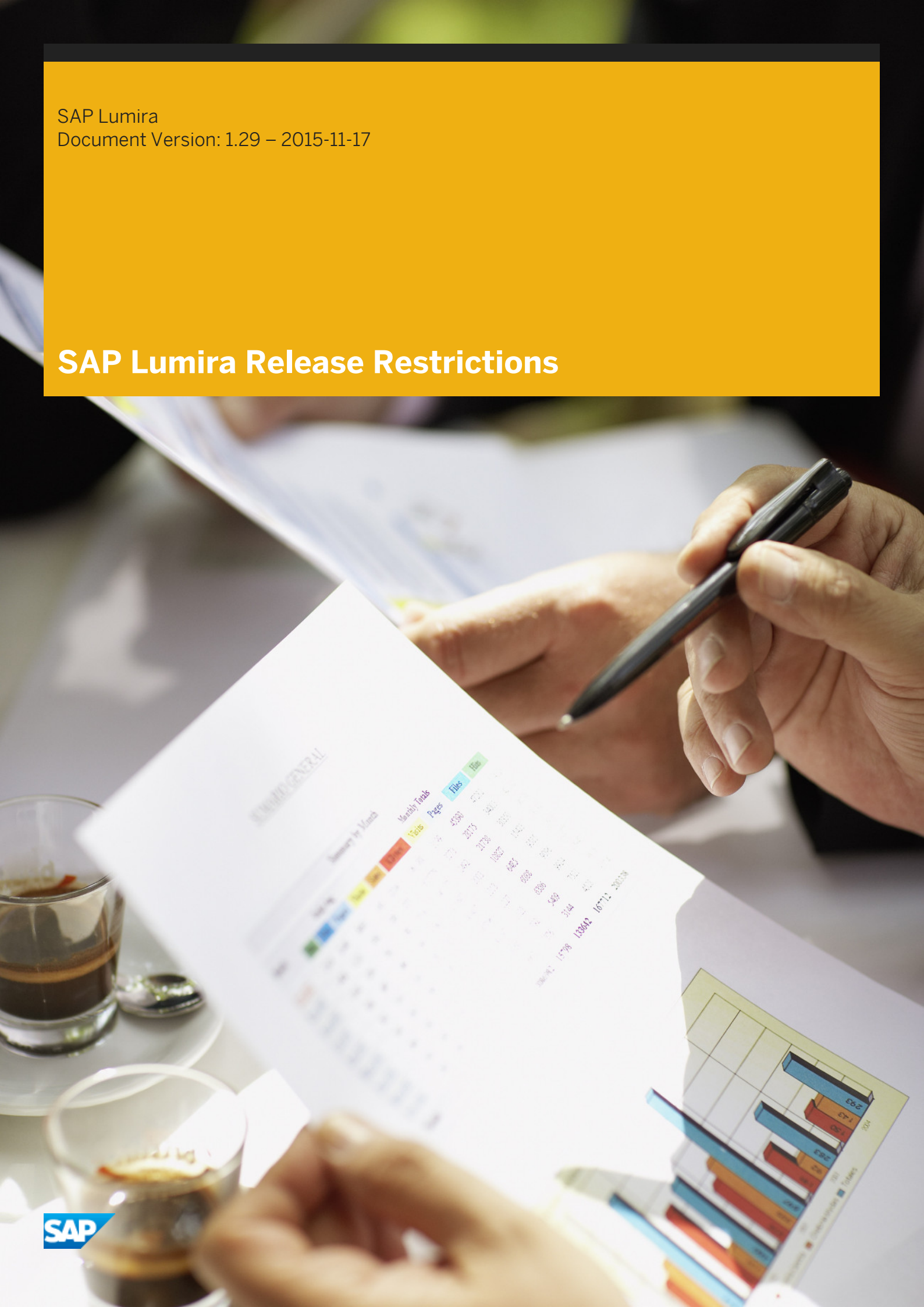


SAP Lumira Release Restrictions





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1 About this document

These Release Restrictions contain important information about known issues and design limitations present in SAP Lumira. Before you install the software, we recommend that you read the entire document. For more information about this release see <http://help.sap.com/>

1.1 Known Issues

1.1.1 SAP Lumira, desktop edition

Issues specific to Lumira Desktop.

Publishing to SAP Lumira Server for HANA and SAP Lumira Cloud is no longer supported

Both SAP Lumira Server for HANA and SAP Lumira Cloud have been deprecated; the final release of both products was 1.28. Publishing from a newer version of SAP Lumira Desktop to an older version of Lumira Server for HANA or Lumira Cloud is not supported.

When scrolling through a crosstab in a story, the scroll bar may move at a different rate than the mouse

When previewing a story using a custom zoom setting, for example, 200% or Fit to width, crosstab scroll bars may move faster or slower than your mouse cursor as you drag them. As a workaround, disable scaling for the story page by setting the zoom level to 100% at the bottom right of the story page.

Unsupported operation may show an incorrect error message

When using an exclude filter on a blend of an analytical view and an OLAP view, you may see a generic "Cannot Execute Query" error message. This error message is not correct.

Check the log file for the following correct error message, which identifies the behavior as unsupported:

"feature not supported: not allowed over OLAP VIEW : search without aggregation, grouping by expression other than view column or user defined function with string type"

Aggregation type changes are not shown correctly

When working with Lumira documents saved without data (not including documents using an SAP HANA online data source), aggregation type changes made after a data source refresh or edit are not shown correctly in the Measures and Dimensions panel. To see the correct aggregation types, save and reopen the document.

Custom font settings in the SAP Lumira Preferences dialog do not apply to crosstabs in the Compose room

When you choose a new font in the General section of the SAP Lumira Preferences dialog, crosstabs on a story page are not affected by the change. Instead, you can customize the fonts for different areas of each crosstab using the Visualization Properties panel in the Compose room.

Zoom button not available in Line Charts for Date/Time Series

For visualizations created in a version of SAP Lumira earlier than 1.29, the Zoom button is not available. This problem occurs both when the chart type is Line Chart for Date/Time Series when the visualization is opened, or when you change the chart type to Line Chart for Date/Time Series in the current version of SAP Lumira.

Visualization property updates made in preview mode are not saved

You can change the visualization properties -- such as color or show legend option -- in the compose room preview page. However, these changes are temporary and will not be saved with the file.

If you want to change the visualization properties at view time and keep the updated information, make the change from the Explorer dialog.

The label border is not updated when the label font size is changed

When you enlarge the font size of one category axis label, the highlighting box for that label may not update to the new size.

Viewing Unicode data on Windows 10 requires a Unicode font

When using Windows 10, ensure that you have a Unicode font installed and in use, or some characters may not display properly.

The VizPacker project file (*.profile) from releases prior to SAP Lumira 1.17 is not supported

The VizPacker project file (*.profile) created for a release of SAP Lumira 1.16 or earlier cannot be imported into later versions of VizPacker. You must create a new project file that will work with SAP Lumira 1.17 or later.

Cannot use axis selection with datapoint selection in a Parallel Coordinates chart

In a Parallel Coordinates chart, you cannot use axis selection and datapoint selection together. You will need to clear the axis selection before you can select a single datapoint.

For extension charts, `_colorPalette` defined in `module.js` has higher priority than color palette property

If there are two color palette settings in `module.js` (`_colorPalette` and `colorPalette()`), the customer-defined `_colorPalette` setting has priority. You will not be able to change the color using the Property value. This behavior is by design.

Opening custom visualizations when the visualization extension is not available

When you open a chart that requires a visualization extension, the data and settings for the chart may be lost if the visualization extension is not installed. The problem may occur when you open a second chart and then re-open the custom chart. The custom chart appears as a blank bar chart with default settings.

Filtering on dimension values of data type FLOAT

When filtering a dimension that's modeled in an SAP HANA view with the FLOAT data type, you may find that values you select for filtering are not immediately included or excluded as you expect. This is because FLOAT values are stored with more digits of precision than Lumira uses by default.

In Lumira, set the Display Formatting for the dimension in question to include 9 decimal places. Now you will see the full number of decimal places in the filter dialog and chart, and filters that you create will work as expected.

When re-prompting for a date value, the selected date may be incorrect

When refreshing data or editing the data source, the selected date of a date prompt may be incorrect, depending on the current time zone. The date can be corrected by changing the selected date in the prompting dialog.

Combining dimensions with linked datasets

If you use the *Combine Dimensions* function to add two or more date dimensions to a Line Chart for Date/Time Series, the visualization may not display when you add measures from a primary dataset and a secondary linked dataset. The problem occurs when only one linked dimension is added to the visualization, as part of the combined date dimension.

As a workaround, add another linked dimension to the *Color* shelf of the visualization.

Filtering geography hierarchies using the Like operator

When you are connecting to data in an SAP HANA view, geography hierarchies cannot be filtered using the *Like* operator. The following message appears: `Cannot execute the query.`

The problem does not occur when you download data from an SAP HANA view.

Some visualization functions produce unexpected results on Windows 10

On Windows 10, the *Send by Mail* and *Copy to Clipboard* functions in the *Visualize* room, and the *Enlarge* function in the *Share* room, produce unexpected results.

Icon inconsistency in Chart Builder and dimension lists

Lists of dimensions (for example, when adding a filter) show more than one icon to represent the metadata associated with an object. For example, a dimension may be shown with both a Primary Dataset icon and a Linked Dimension icon. However, the tokens that represent dimensions and measures on the Chart Builder shelves show only one icon at a time.

This behavior is intentional for this release, and is expected to be improved in a future release.

ClearType settings may need to be adjusted to smooth text and icon edges

To ensure that the edges of fonts and icons appear properly, tune your computer's ClearType settings. On Windows 7, for example, open the *Control Panel* and select **Display > Adjust ClearType text**. Follow the instructions in the *ClearType Text Tuner* dialog.

Chart scroll bar moves to the original position each time chart properties are changed

When chart properties are changed, the chart scroll bar moves from its current position back to the origin or top-of-chart position.

SAP Lumira fails to handle integers longer than 17 digits

When you input an integer longer than 17 digits, for example, in the filter dialog, the integer will be rounded down. For example, 12 345 678 901 234 567 890 is rounded to 12 345 678 901 234 567 000. This problem is caused by a JavaScript limitation.

Animations in visualizations do not appear properly in PDF files

When a visualization containing scattered bubble charts with animations is exported to PDF, the animation slider does not function properly in the PDF file.

Export to PDF not supported on mobile devices

When running on a mobile device, SAP Lumira does not support exporting to PDF.

Trellis charts now scroll

The behavior of trellis charts has been changed to provide a scrolling view across the charts when they contain many data points, giving better access to detailed information. For users who prefer the old behavior, the overview can be achieved by modifying the chart and moving the dimensions from the trellis rows or columns to the top of the first dimensions shelf (the X Axis or Y Axis, depending on the chart type). An upcoming release of SAP Lumira will include a chart setting that allows users to control this behavior and switch between detailed and overview modes.

Trellis chart plot area background color setting under Lumira template

When using the Lumira template, you cannot change the Trellis chart plot area background color.

Chart label does not display correctly

When the padding value is less than 5, the chart's Value axis label will be partially cut off.

The clipPath of plotArea has added space on top and on the right

The clipPath of the plotArea has an extra 1px of space on the top and on the right. This may lead to one of the following consequences:

- If a reference line is set on the top and the rightmost edge of plotArea and the line width exceeds 1px, then the visible area will be increased by 1px.
- When you pinch & spread in a chart, the visible area of the reference line on the top or rightmost edge will be increased by 1px.

Esri feature layers with paths or lines are not supported

Currently, Esri Geo map does not support Esri feature layers that have paths or lines. If this kind of feature layer is imported from the Esri ArcGIS online server to an Esri Geo Map, the rendering will be incorrect.

Very small values may not be displayed in Bar or Stacked charts

If a dataset contains small number values and large number values, the calculated data point size of a small value may be less than 1px. That size is too small for some browsers to render properly for Bar or Stacked charts.

Cannot keep data point selection while resizing in Internet Explorer 9

Due to an Internet Explorer 9 limitation, the data point selection isn't retained during resizing.

The longest relative file path for an extension chart should be less than 140 characters

To prevent problems when using a generated extension chart in the Lumira suite, the longest relative file path for the extension files should be less than 140 characters. For example, `bundles\sap\viz\ext\helloworld\resources\templates\sample\template.js` is less than 140 characters.

VizPacker plug-in for SAP Web IDE does not support Safari (Mac)

The VizPacker Plug-In requires the BLOB type when generating the extension zip file. However, BLOB is not supported by the Safari browser. This is a known Apple limitation for Safari.

Error when logging on to BI platform from SAP Lumira

This issue can occur when the BI platform administrator uses the Central Management Console (CMC) to create users who have access to SAP Lumira. If a user is created with the setting *Change password at first logon*, the user will initially be able to log on to the BI platform from SAP Lumira. They will be unable to change their password from SAP Lumira, and so the account will be disabled during subsequent logon attempts.

Any of following actions can resolve this issue:

- Allow users to change their password using BI launch pad.
- Use the CMC to unlock the account and reset the user's password.
- Do not create users for SAP Lumira with the setting *Change password at first logon*.

Chart title, axis title, and other labels are hidden

When you select the title for the legend, an axis, or another chart area, the title may not be displayed.

The charting engine provides a smart layout logic to guarantee that most of a chart graphic will be reserved for the plot area, which is the most valuable chart element. Based on this guideline, the chart title, legend (including legend title), or axis (including axis label, axis title) may be automatically hidden for different chart sizes and the space that each element needs.

Attributes are lost when switching between Esri Geo map and other chart types

The dimension and measure attributes are not copied into an Esri Geo map from other non-Esri geo charts. You will need to rebuild the Esri Geo map.

"info/" charts are not supported on iOS5

Charts that have a chart type that begins with "info/" are not supported on iOS5.

Cannot use touch for charts in Internet Explorer 10 on Windows touchable devices

CVOM charts use pointer events for Internet Explorer on Windows touchable devices, which may not work reliably when using Internet Explorer 10.

Pointer events are recommended by Microsoft; however, they are only supported on Internet Explorer 11 or later.

Extension charts based on D3 version v3.4.11 may have a js error

Extension charts based on D3 version v3.4.11 may have a js error if you include require.js before the D3 file.

To solve the js error, either remove require.js or move require.js after d3.js

Measure labels may display 'Sum' as the aggregation type instead of 'Distinct Count'

If a calculation view includes a modeled 'Counter', the aggregation type reported in SAP HANA Studio is 'Distinct Count'. However, the aggregation type exposed by SAP HANA to the visualize tab reports the type as 'Sum'. As a result, the measure label name may display 'Sum' instead of 'Distinct Count'.

HTTP 500 message when saving an SAP Lumira document to the BI platform

In SAP Lumira, when you save a document larger than 20 KB to the SAP BusinessObjects Business Intelligence platform, an HTTP 500 message may appear even though the document is saved successfully to the BI platform.

Some background screens have a pink tint when connecting remotely to a Windows Server 2008 machine

To ensure that the background color appears correctly in Lumira when remotely connecting to a Windows Server 2008 machine, follow the steps described in the following topic to set the maximum color depth for the connection to 32 bit: <https://technet.microsoft.com/en-us/library/cc772048.aspx> .

Then, set the color depth of the remote session to 32 bit when connecting to the machine. In Windows 7, for example, select ► *Options* ► *Display* ▾ in the *Remote Desktop Connection* dialog, and set *Colors* to 32 bit.

The Triple Exponential Smoothing algorithm forecasts negative values

Negative values may be forecast if the source data contains negative, null, or zero values, none of which are suitable for this forecasting algorithm. Consider filtering or scaling data values before generating a forecast.

Export records workflow ignores animation values

Exporting records does not filter on the current value when animating. For example, if animating on year, all years are exported, not just the year currently showing in the animation.

System message when accessing the Extension Manager

Users may encounter a `Failed to contact the extension repository` system message when accessing the Extension Manager. This occurs when SAP Lumira is set to use System Proxy Settings and a network proxy has been configured to filter the localhost address (127.0.0.1).

To resolve this temporarily, set SAP Lumira to not use a proxy. These settings are under ► *File* ► *Preferences* ► *Network* ▾.

To resolve this permanently, update the operating system proxy settings to ensure that the 127.0.0.1 address is not forwarded to the proxy. This can be done either by updating the proxy configuration script, or if proxy settings are manually specified, by adding the 127.0.0.1 address to the exception list.

Dataset filters do not support hierarchical values

In the *Visualize* room, when you open the *Filter* dialog and select a value from a hierarchical dimension, the *Apply to Entire Dataset* option is not available. Filters with hierarchical values can be applied only to the current visualization.

Lumira Installation Failure

There is a Microsoft update (KB2918614) which may cause MSI-based installs like SAP Lumira to fail. These problems have been reported to Microsoft (http://answers.microsoft.com/en-us/windows/forum/windows8_1-windows_install/kb2918614-breaks-windows-installer-service/3d75a1c2-114a-4241-a527-35b536edc158)

Affected systems will typically display the following symptoms:

- The install logging folder (`[INSTALLDIR]\InstallData\logs\[TIMESTAMP]`) will contain files that look similar to `InstallDU-[NAME]-core-nu, [VERSION].log` (for example, `InstallDU-hilo.desktop.db-4.0-core-64,1.20.0.36.log`)
- The `InstallDU-[NAME]-core-nu, [VERSION].log` files will contain errors like `SECREPAIR: Crypt Provider not initialized. Error:-2146893813` and `SECREPAIR: A general error running CryptAcquireContext.`
- The install log (`setupengine.log`) will contain errors like: `Error: Error code from call to Windows Installer API: 1603`

If these symptoms are observed and KB2918614 is present, the problem can be resolved by uninstalling KB2918614, rebooting, and trying the Lumira install again.

Number to string conversion

When the In-Memory engine converts a number with an exponential value, the conversion does not result in the specified number of decimal places.

For example, the operation `ToText ("2.9e-5", 3)` will return `2.9e-005`.

Unexpected or unusual sort order

By default, the In-Memory data engine in SAP Lumira stores 15 significant digits. If sorted data was acquired from a data source that contained more than 15 significant digits, the sort order may vary in SAP Lumira.

Unmatched date formats display null value in acquired data

The In-Memory data engine has stricter rules for converting date formats than the previous data engine in SAP Lumira. When a date string is converted to date data type, choose the exact date format that matches your date string. Mismatch of date format causes null value as the date conversion result. For example, `ToDate ("1/1/2014 15:01:00", "dd/MM/yyyy")` returns null and would not display in acquired data.

1.22 or earlier documents must be saved to 1.23 or higher format

For optimal performance, you must open all documents created in SAP Lumira 1.22 or earlier, and resave them.

Attributes are lost when switching between Esri Geo map and other chart types

The dimension and measure attributes are not copied into an Esri Geo map from other non-Esri geo charts. You will need to rebuild the Esri Geo map.

SAP HANA input parameters that require single quotes must be escaped

When acquiring an SAP HANA view that requires an input parameter, users are required to escape single quotes, which is the same behavior as in SAP HANA Studio. Single quotes can be escaped by adding another single quote (that is: ").

Unable to connect to a universe based on SAP ERP

When trying to connect to an SAP ERP universe that has a connection problem, this system message is shown:

```
Cannot validate query: Database error: (CS) "Java Exception:  
java.lang.NoClassDefFoundError: com/sap/bip/jco/JCoManager: cannot initialize class  
because prior initialization attempt failed" (IES 10901)
```

The workaround is to copy `sapjco3.dll` from the BI platform installation bin folder (for example: `Program Files\SAP BusinessObjects Enterprise XI 4.0\win64_x64`) to the `Windows\System32` folder, on the machine that hosts the Web Intelligence server.

OData data access works only for basic services

Currently, OData (Open Data Protocol) uses only basic services that adhere to version 2 of the OData specification, and services that do not require user authentication or other types of input parameters.

Specifying encoding for console application

SAP Lumira users need to ensure that the operating system charpage encoding, `JAVA_OPTS` setting, or `-Dfile.encoding` value in the `saplumira.ini` file is consistent with the output of the data extension console

executable. For example, if the executable uses UTF-8 encoding, then `saplumira.ini` will need to have the following setting added: `-Dfile.encoding=UTF-8`. Note: Users need Administrator rights to edit the `saplumira.ini` file. For more information, see this SAP Knowledge Base Article: [2114336](#).

1.1.2 SAP Lumira, server for BI Platform

Issues regarding Visualize room

Missing Total option in Calculation tab

In *Crosstab*, after applying measures and dimensions to *Column* and *Row* text fields, when you delete the dimensions and measures from *Row* text field and navigate to *Calculation* tab, the *Total* option is missing from the *Calculation* tab.

Additional dialog box displayed while exporting to PDF

After choosing the Export to PDF option, system displays an additional dialog box.

Missing Zoom out option in View mode

After switching from *Edit* to *View* mode, the *Zoom out* option is missing in story viewer.

Similar icon displayed and mismatch in tooltip

After opening a document, system displays similar icon for document and story. Also, when you hover on the document it displays a wrong tooltip.

OpenDocument link is not working in google chrome

Embedding OpenDocument link using `iframe` tag in google chrome is not working as expected.

Error while refreshing Lumira documents with same Bex query

When you refresh a Lumira document consisting of multiple data sets, which are referring to the same BEX query, the second dataset's prompt values overwrites the first dataset's prompt values.

Filtering geography hierarchies using Like operator is not supported

When you try to apply the Like filter to geo hierarchy for Lumira documents based on SAP HANA Online data source, the like operation is not supported.

Additional dimensions found in Lumira Document created using time hierarchy

After creating a Lumira document with a time hierarchy in Lumira desktop and uploading it to Lumira, server for BI Platform, you can find additional dimensions in Lumira, server for BI Platform. There are no changes on the Lumira desktop however.

System fails to prompt the changes during data refresh

If you change the original data model for any dataset, the system does not prompt for the changes during data refresh of Lumira document in SAP Lumira, server for BI Platform, and the data refresh fails.

To resolve this issue, you need to refresh the Lumira document in Lumira desktop and republish it to SAP Lumira, server for BI Platform.

Issues regarding Story viewer and Compose room

Import from local option under pictures tab is not working

In *Compose* room, under *Picture* tab when you try to Import a picture by choosing *Import from Local* option, importing the picture does not work.

Issues while launching CMC using IE10 and IE 11

When you launch SAP BIP Central Management Console (CMC) through IE 10 and IE 11, you cannot view Lumira Documents.

Missing Edit Button in story viewer

The Edit button is missing in story viewer while using IE 11 on windows 8.1 system.

Undo is not working after renaming a story

When you choose Undo after renaming a story in the Compose room, the Undo function does not work.

Stories with slide show templates are not supported

SAP Lumira, server for BI Platform does not support Lumira documents published with stories using slide show templates from SAP Lumira Desktop.

Hierarchy nodes in bar chart are lost when switching between Visualize and Compose room

When you open a Lumira document in Visualize room, the bar chart consists of hierarchy nodes. After navigating to the Compose room, if you create a new story and add this bar chart to the same story, the hierarchy nodes in the bar chart are lost however.

Missing cancel button

When you unintentionally choose create story and want to exit from that page, it is not possible as the [Cancel](#) button is missing.

Issues regarding refresh and schedule of Lumira documents based on SAP BW

Issues regarding scheduling of BW document

- Scheduling of a BW document created using BW local connection is not supported in SAP Lumira, server for BI Platform.
- Prompt connection for BW or SSO with prompts/variables is not supported in SAP Lumira, server for BI Platform.

Wrong destination displayed after you have scheduled a document

After scheduling a Lumira document, in [History](#) page, when you view instance of that document, it displays a wrong destination.

Issues regarding Administering Lumira documents

Issues regarding uninstalling of SAP Lumira, server for BI Platform

When you uninstall SAP Lumira, server for BI Platform from your system, the following issues arise:

- The list of LumiraServer Services is still displayed after you launch CMC and navigate to ► [Severs](#) ► [Service](#) ► [Categories](#) ►.

Issues regarding updating to higher versions of SAP BusinessObjects BI Platform

When you install SAP Lumira, server for BI Platform on SAP BusinessObjects BI platform and want to update SAP BusinessObjects BI platform to Support Pack 5, make sure that you update to SAP BusinessObjects BI platform SP 05 Patch 5 for SAP Lumira, server for BI platform.

License issue for OEM

After installing SAP Lumira, server for BI platform with Non-OEM trial key on SAP BusinessObjects BI platform (Edge/professional) having OEM license, the Lumira server is down and trail key is not added.

To resolve this issue, as an OEM add an OEM key manually while installing SAP Lumira, server for BI Platform

i Note

SAP provides the trail key for OEM.

1.1.3 SAP Lumira,server for teams

Restrictions related to Visualize room

Missing Total option in Calculation tab

In *Crosstab*, after applying measures and dimensions to *Column* and *Row* text fields, when you delete the dimensions and measures from *Row* text field and navigate to *Calculation* tab, the *Total* option is missing from the *Calculation* tab.

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After switching from *Edit* to *View* mode, the *Zoom out* option is missing in story viewer.

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After opening a document, system displays similar icon for document and story. Also, when you hover on the document it displays a wrong tooltip.

OpenDocument link is not working in google chrome

Embedding OpenDocument link using iframe tag in google chrome is not working as expected.

Error while refreshing Lumira documents with same Bex query

When you refresh a Lumira document consisting of multiple data sets, which are referring to the same BEX query, the second dataset's prompt values overwrites the first dataset's prompt values.

Wrong error message displayed while trying to filter the date

After publishing the Lumira document from SAP Lumira Desktop to SAP Lumira, server for teams, while trying to filter the date, you get a following error message: *No data matches your filter*, even though the date is valid.

Filtering geography hierarchies using Like operator is not supported

When you try to apply the Like filter to geo hierarchy for Lumira documents based on SAP HANA Online data source, the like operation is not supported.

Additional dimensions found in Lumira Document created using time hierarchy

After creating a Lumira document with a time hierarchy in Lumira desktop and uploading it to Lumira, server for BI Platform, you can find additional dimensions in Lumira, server for BI Platform. There are no changes on the Lumira desktop however.

System fails to prompt the changes during data refresh

If you change the original data model for any dataset, the system does not prompt for the changes during data refresh of Lumira document in SAP Lumira, server for teams, and the data refresh fails.

To resolve this issue, you need to refresh the Lumira document in Lumira desktop and republish it to SAP Lumira, server for teams.

Issues regarding opening a Lumira document from future versions of SAP Lumira desktop

SAP Lumira Desktop 1.29 is the recommended version for SAP Lumira, server for teams 1.29. SAP Lumira, server for teams 1.29 can open documents from SAP Lumira versions 1.29 and earlier. However, SAP Lumira, server for teams 1.29 may not properly open documents from future versions of SAP Lumira Desktop, even though you may be able to publish those documents to SAP Lumira Server for Teams 1.29.

Issues regarding Story viewer and Compose room

Import from local option under pictures tab is not working

In *Compose* room, under *Picture* tab when you try to Import a picture by choosing *Import from Local* option, importing the picture does not work.

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Hierarchy nodes in bar chart are lost when switching between Visualize and Compose room

When you open a Lumira document in Visualize room, the bar chart consists of hierarchy nodes. After navigating to the Compose room, if you create a new story and add this bar chart to the same story, the hierarchy nodes in the bar chart are lost however.

When using blended data set the joins selected for datasets are not reflected in input controls

If you apply input controls in the Compose room after creating story filters for blended HANA online documents, the joins selected for the datasets are not reflected in input controls.

Missing cancel button

When you unintentionally choose create story and want to exit from that page, it is not possible as the *Cancel* button is missing.

Restrictions related to administering Lumira documents

When you launch the admin URL in SAP Lumira, server for teams, it doesn't respond. For more information, see [2159314](#).

Important Disclaimers and Legal Information

Coding Samples

Any software coding and/or code lines / strings ("Code") included in this documentation are only examples and are not intended to be used in a productive system environment. The Code is only intended to better explain and visualize the syntax and phrasing rules of certain coding. SAP does not warrant the correctness and completeness of the Code given herein, and SAP shall not be liable for errors or damages caused by the usage of the Code, unless damages were caused by SAP intentionally or by SAP's gross negligence.

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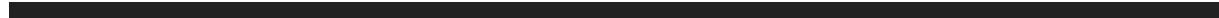
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