



PUBLIC

SAP Business Intelligence Suite

Document Version: 4.2 SP7 – 2019-02-28

SAP Business Intelligence Suite Release Restrictions

Content

- 1 About this Document. 3**
- 2 Known Issues. 4**
 - 2.1 SAP BusinessObjects BI Platform. 4
 - 2.2 Data Access. 9
 - 2.3 SAP BusinessObjects Web Intelligence. 10
 - 2.4 SAP BusinessObjects Analysis, edition for OLAP. 13
 - 2.5 SAP Crystal Reports 2016. 14
 - 2.6 Upgrade Management Tool. 16
 - 2.7 Integration Option for Microsoft SharePoint. 16
- 3 Restrictions. 17**
 - 3.1 SAP BusinessObjects BI Platform. 17
 - 3.2 SAP BusinessObjects Live Office. 22
 - 3.3 SAP BusinessObjects BI Platform SDKs. 22
 - 3.4 Data Access. 23
 - 3.5 SAP BusinessObjects Web Intelligence. 24
 - 3.6 Information Design Tool. 26
 - 3.7 SAP BusinessObjects Mobile Server. 29
 - 3.8 SAP BusinessObjects Dashboards. 29
 - 3.9 SAP Crystal Reports for Enterprise. 30
 - 3.10 Integration Option for Microsoft SharePoint. 30

1 About this Document

This document contains important information about known issues and design restrictions in SAP Business Intelligence Suite. Before you install the software, we recommend that you read the entire document. For more information about this release, see <http://help.sap.com/bobip>.

2 Known Issues

2.1 SAP BusinessObjects BI Platform

Issues related to BI Workspace

In BI Workspace, content linking for an SAP Dashboards (Xcelsius) report doesn't work as expected. For example, content linking doesn't work in a scenario where you open the report, navigate to the previous page using the back option in the Fiorified BI Launchpad, and then, open another SAP Dashboards (Xcelsius) report that has content linking enabled.

Issue related to Web Services

- The web services are not accessible when you deploy dswebobje.war on WebSphere Application Server V9 if WebSphere Application Server V9 is deployed on SUSE Linux Enterprise Server 12 SP02. For more information, refer to [2738703](#).
- When the BI platform is installed on AIX, then the deployment of dswebobje web application on WebSphere V9 application server fails. For more information, refer to [2753212](#).

Safari crashes when you try to add subscribers to a notification

Safari crashes when you try to add subscribers to a notification in the *Manage Subscribers* page. For more information and the related workaround, see SAP Note [2206133](#).

Issues related to BI Administrators' Cockpit

- Usage count indicates the view events available in Audit DB. There may be inconsistency in usage count with different applications, since different applications write to Audit DB differently for a view event. For example, in the case of Web Intelligence, View events are generated both for viewing and scheduling. But, for Crystal Reports, View events are generated only for viewing and not for scheduling.
- Users may experience a performance issue when working with large repositories. To know more about how to define large repositories, refer to the [SAP BusinessObjects BI Sizing Guide](#).
- In BI Administrators' Cockpit, the following is a list of data that will not be translated after changing the Product Locale and the Preferred Viewing Locale:

Server

- Type of Server
- Status of the Server : Running /Failed/Stopped
- State of the Server

Document Last Instance

- Status
- Type


Content usage

- Active and Inactive content
- Content Type
- BI Administrators' Cockpit might not work when BOE web application server (for example: Tomcat) and WACS are deployed on different domains.
- In Mozilla Firefox, BI Administrators' Cockpit shows the error message "Network error occurred for all dashboards". This error occurs when you enable Trusted Authentication in CMC for WACS server and enable mutual authentication on a web application server (for example: TOMCAT).

Issues related to Promotion Management

- When you try to promote InfoObjects like folders and reports that have been deleted on the destination system, an error occurs. Empty the InfoObjects from the recycle bin to avoid this issue.
- When you try to import a UMT BIAR file in the Promotion Management tool and choose [Manage Dependencies](#), an error occurs.
- When SSL is enabled in SIA or in a web application server, the Promotion Management Tool cannot connect to versions lower than BI 4.2 SP4.


i Note

You can use the Promotion Management Tool by installing a patch in versions lower than BI 4.2 SP4 or by disabling SSL. For more information on patch installations, refer to [2413907](#) .

Issues related to Monitoring

- You cannot refresh the 'MonitoringTrend Data-Sample' Web Intelligence document, as Connection Server support for the Derby database has been discontinued in SAP BusinessObjects BI Suite 4.2. Any universe or Web Intelligence documents based on Derby therefore do not work. If you want to do reporting, select another supported database for storing your Monitoring data.

i Note

For a list of supported databases, see the [SAP Product Availability Matrix \(PAM\)](#) .

- Snapshot feature is unavailable in the new monitoring solution.
- Grouping or ungrouping functionality is not available in the new monitoring solution.
- Status inconsistency in watch status and watch details pane.

- Watch details pane displays **999** for derived metrics where data is unknown.
- Deleting a watch will not delete its respective watch in the *Alerts* page.
- Adobe Flash-based *Monitoring* application is removed from the BI platform.
- The fields *Metric Name*, *Watch Name*, and *Boolean expression* in the *Monitoring* application doesn't support special characters.
- In *Edit Watch* page, when you switch to *History* toggle button and change the end date to any date earlier than the current date, then occasionally, the end date is set back to current date.
- If you've set the default language to a non-English language, then an error is displayed occasionally while creating a *Watch* or a *Metric*.
- The *Watch* status is not displayed correctly in non-English languages.

Issues related to Upgrade Management Tool

- When you try to migrate a very large amount of data from 3.x to 4.x with default JVM 8 configuration, some of the Universe InfoObjects fail.

Workaround 1

- Perform the migration with a smaller amount of data.

Workaround 2

- If you want to migrate a very large amount of data, do the following:
 1. Right-click the UMT Launcher.
 2. Choose Properties
 3. Navigate to the Shortcut tab
 4. In the target field, add `-Djava.util.Arrays.useLegacyMergeSort=true`
- When you try to upgrade InfoObjects, which were upgraded and deleted from the destination machine earlier, the system displays an error message.

Issue related to SAP Business Explorer

When creating an information space based on a .unx, the universe isn't updated with the number of reports created using this particular universe.

Issues related to BI Commentary

- When you install SAP BusinessObjects BOE 4.2 on Solaris, you may notice that Adaptive Processing Server (APS) doesn't start successfully. If this issue is due to BI Commentary Service not being able to find Connection Service in the CMS (as indicated in the APS logs), you can try the following:
 - Stop APS.
 - Configure BI Commentary using the "Use any other supported database" option instead of the "Use Audit Database" option (SAP recommendation).

For more details regarding the steps required to configure BI Commentary using a supported database other than the Audit database, see the [SAP BusinessObjects Business Intelligence Platform Administrator Guide](#).

- Restart APS.
- When you copy and paste a document, the comments on the document are not copied.
- In Solaris, you need to set `ddl_tran` to 'true' for non-master databases to work with BI Commentary.
- On a Solaris machine, when you configure BI Commentary with SQL Anywhere database and use BI Commentary on a Web Intelligence document, Connection Server is restarted.
Workaround: To use SQL Anywhere ODBC driver directly as a driver manager (without Unix ODBC Driver), you need to create symbolic links so that the ODBC driver manager request gets routed to the SQL Anywhere ODBC driver. From the `lib64` subdirectory, execute the following commands:
 - `/usr/u/acuser/BusinessObjects42/sqlanywhere/lib64`
`ln -s libdbodbc16.so libodbc.so`
`ln -s libdbodbc16.so.1 libodbc.so.1`
 - Restart Connection Server.
- The cleanup of comments isn't reflected straight away in the BI Commentary database.

Issue related to User Notifications in the CMC

When you upgrade from SAP BusinessObjects Business Intelligence Platform 4.1 SP6 to SAP BusinessObjects Business Intelligence Platform 4.2, the Notification capability doesn't work.

Workaround:

1. In the CMC, navigate to *ServersAdaptive Job ServerStop*.
2. Right-click on *Adaptive Job Server*, and navigate to `Edit services > Add Notification Java Scheduling service > OK`.
3. Restart Adaptive Job Server.

Issue related to Translation Management Tool (TMT)

Importing Crystal Report for Enterprise document fails. It throws the following error:

```
com.crystaldecisions.sdk.occa.report.lib.ReportSDKException
```

Issue related to BI Administration Console

- Save Scenario and Save WFT are not working when REST services are deployed on non-WACS environment. New plugins were added for Scenario and WFT in 4.2 SP6, and Tomcat does not start them automatically. As a workaround:
 1. Got to `<INSTALL_DIR>\tomcat\webapps\biprws\WEB-INF\eclipse\configuration\`

2. Edit the `config.ini` file and add the following line after bong platform bundle name:

```
com.sap.bong.ScenarioPlugins@5:start,com.sap.bong.WorkflowTemplatePlugins@5:start
```

3. Save the file.
 4. Stop Tomcat.
 5. Go to `<INSTALL_DIR>\tomcat\work\Catalina\localhost\biprws\eclipse\configuration`.
 6. Delete the content of the folder, and paste the `config.ini` file you have edited on step 2.
 7. Restart Tomcat.
- If Scenario is allowed to be selected as part of Job creation (under Promotion Management), and you click the [Manage dependencies](#), an internal server error is thrown both in live to live or live to biar cases.

Issue related to JD Edwards EnterpriseOne Authentication

A JD Edwards EnterpriseOne user cannot login to CMC after an administrator has configured JD Edwards EnterpriseOne authentication.

Issue related to configuring SSL on WACS

The keystore and key passwords must be identical if you are configuring SSL on WACS.

→ Tip

You can use Tomcat application server to set different passwords for keystore and key.

Issue related to ONE Installer

In the update scenario of ONE Installer, new language selection in [Select Language Packages](#) window does not take effect. In order to install additional languages, invoke the [Modify](#) option post installation and select the additional languages to be installed.

Issues related to LDAP plugin

- Updating the LDAP plugin in the CMC generates an error: *The security plugin failed to verify the SiteMinder agent name or the SiteMinder agent shared secret*. Make sure to update your Microsoft VC Redistributable Library. For more information and workaround, refer to [SAP Note 2741826](#).
- On Linux deployments, the BI server communicates with the LDAP server using TLS 1.0 protocol during LDAP authentication. The LDAP server being configured with TLS 1.1 and 1.2 protocols, the communication fails between servers. For more information and workaround, refer to [SAP Note 2623529](#).

Issue related to MySQL 8.0

MySQL 8.0 is supported in SAP BI 4.2 SP7 as CMS and Audit DB. However, an error occurs when installing MySQL 8.0 and using the [Use Strong Password Encryption for Authentication](#) method: "Authentication plugin 'caching_sha2_password' cannot be loaded.". For more information and workaround, refer to [SAP Note 2733936](#).

2.2 Data Access

Simba ODBC Network Layer, Bigdata ODBC Connectors do not work on Suse12 and Redhat 7 platforms

Simba ODBC Network Layer, Bigdata ODBC connectors do not work on Suse12 and Redhat 7 platforms, as the Simba driver is not supported and is incompatible for the following connectors:

- Amazon Redshift
- Apache Spark 1.0
- salesforce.com

Connection Server crashes on MS SQL Server with Unix ODBC 2.3 driver manager on Linux in distributed environment

If you use SQL Server driver with UnixODBC2.3 driver manager on linux in distributed environment, Connection Server crashes.

Information design tool: Insert column in table based on a stored procedure

Information design tool allows you to insert a column on a table based on a stored procedure universe. This generates some errors. The user interface in the information design tool should not allow you to add such column.

2.3 SAP BusinessObjects Web Intelligence

Custom Elements

Customizing custom elements using extensions is only available in the HTML client.

Scheduling and publishing documents

- In a publication involving only one report of a document, the Fully refresh delivery rule is checked on the whole document, and not only on the scheduled report.
- Scheduling documents fails for documents based on MSSAS Single Sign-On connections.
- When scheduling a document based on SAP HANA Direct Access that contains dynamic values, they are displayed as constant values.

SAP HANA Online mode

- Incorrect results can be returned when a query contains multiple ranking conditions.

Commentary

- If you can't insert comments on a server after a build installation, restart the APS to activate the Commentary service.

Right to left alignment

- In the HTML client, the right to left alignment only impacts the document orientation, not the user interface itself.
- In Chrome, the user interface is not centered when using the right to left alignment.

Change Source

- A ProcessDPCCommand error is generated when performing a change source to an SAP HANA .unx

- Ranking filters, subqueries and combined queries do not support the change source operation.

Unable to view Web Intelligence reports based on .unv

Reports based on .unv universe with SNC connectivity do not work. Prompts generate an error when refreshing the report.

Hierarchy nodes are not updated after a refresh

Hierarchy nodes of BW query are not updated after changing BW content and refreshing the Web Intelligence document.

Workaround: Close the document, open it back and refresh it to see the modifications.

In the HTML client, resizing causes a blank space

When setting variables in the *Set Variables* dialog box in the DHTML interface, resizing the window creates a blank space.

In the HTML client, the Levels tab of the Member Selector is empty

When working with hierarchy objects on BEx queries, the *Levels* tab of the *Member Selector* doesn't display the *Enable levels* checkbox.

In the HTML client, LOV is not displayed in prompt panel if LOV has nested context

The list of values is not displayed in the Prompt panel if it has a nested context.

#TOREFRESH is displayed during a change source workflow when running a BEx query

For BEx queries, after running a query during change source workflow, the cells of the report block display a #TOREFRESH message for measures. As a workaround, refresh the document.

No member is displayed in the Member Selector of in the Variables Prompt Panel in document with input parameters with multiples entries

For HANA versions prior to SP12, if the document is based on an SAP HANA view containing input parameters with multiple entries, no member is displayed when expanding the "All" node from the Member Selector (in the Query Panel) or from the Variables Prompt Panel.

Table is empty after turn to chart

When turning a table into a chart and then turning it back into a table, it is empty if the original table contained a reference. That is because references are constant strings that aren't supported by charts.

Universe generation failed error when refreshing a document

An "Universe generation failed" error is generated when refreshing a document. That is because prompt answers are not submitted correctly.

Refreshing a prompt's list of value generates an error

An error is generated when refreshing the LOV of a prompt associated to a measure.

Report table overlap issue

The calculation of cells height in a table containing a hierarchy can sometimes be erroneous, potentially causing a superposition with a report element that is positioned relatively below the aforementioned table.

As a workaround, try setting the top and bottom padding to 0, or enabling the "Autofit height to content" option for cells containing hierarchical data.

Table does not display all rows

If a table spreading vertically across multiple pages is preceded by a report element that is repeated on each page, rows of the table might not be visible at the bottom of the page. Only the first page is displayed correctly. This behavior applies in both Page and Quick Display modes.

As a workaround, try disabling the repetition of the report element that precedes the table.

Change of date range is not applied

When changing the date range of a time dimension, the change is not saved and the range definition is not applied.

Time Dimension deleted from outline when grouping a regular dimension

In a report containing a time dimension, creating a group, ungrouping or creating a reference deletes the time dimension objects from the outline.

Incorrect result if one calendar option of the time dimension changes

Editing values for the Fiscal Month and First day of the Week options creates incorrect results when dragging the time dimension to the report.

Sets issues on MySQL

Sub queries might not function properly on MySQL due to the subquery SQL syntax generated. As a workaround, in the Information Design Tool, add a `TUPLE_SEPARATOR` dynamic parameter in the business layer or data foundation, and set its value to `_`.

Unmerged HANA prompts in universes with multiple HANA views

When running a Web Intelligence document on a universe containing multiple HANA views, the HANA prompts with the same question are not merged through HANA views in Web Intelligence.

2.4 SAP BusinessObjects Analysis, edition for OLAP

Break hierarchy is not supported for hierarchy variable

If you apply sort in hierarchy variable in the SAP NetWeaver Business Warehouse (BW), then break hierarchy is not supported in the Analysis edition for OLAP workspace.

Drill up and drill down are not supported on the cross tab after applying break hierarchy

When you apply break hierarchy for any dimension or measure, the drill up and drill down functions are not supported on the crosstab.

Currency translation is not supported if SAP BW does not have any currency measure

If SAP NetWeaver Business Warehouse (BW) query does not have any currency measure, then currency translation is not supported by SAP BW in the Analysis edition for OLAP workspace.

Hide total does not work if you apply break hierarchy

If you apply break hierarchy and you want to hide the total for the dimension or measures, the hide total function does not work.

Changing member names from key to text is not supported by HANA HTTP

In the Analysis edition for OLAP workspace, changing the member names from key to text is not supported by the HANA HTTP data connection.

Single Sign On is not supported for OLAP HANA 2.0 connections configured with a tenant

Single Sign On is supported only when the OLAP HANA 2.0 connection is configured with a data source, including a hostname and port.

2.5 SAP Crystal Reports 2016

Issue while exporting a report to Microsoft Excel

While using CMC or BI Launch Pad hosted on an Unix platform, when you export a crystal report to "Microsoft Excel (97-2003)" format, and try to open that xls file in higher version of Microsoft Excel (Version: 2007 to 2013), Microsoft Excel may display a warning which you can ignore.

For more information, see *SAP Note*: 2238930

Issue related to PeopleSoft connectivity on Solaris

SAP Crystal Reports 2016 based on PeopleSoft connectivity on Solaris cannot be viewed or scheduled in BI 4.2 Support Package 5 (Solaris only). For more information, see [SAP Note 2562409](#).

Issues related to BW/4HANA

Connecting to SAP BW/4HANA from SAP Crystal Reports 2016 can cause issues in the SAP Toolbar. As a workaround, we recommend using the Report Creation wizard instead (File > New).

Issues related to SAP GUI 750

- After you've upgraded from SAPGUI Patch 3 to SAPGUI Patch 5.1, your logon files (`SAPUILandscape.xml` and `SAPUILandscapeGlobal.xml`) might be regenerated, causing SAP Crystal Reports 2016 to crash when connecting to an SAP system using SAP Toolbar. As a workaround, we recommend creating logon entries before you upgrade to SAPGUI Patch 5.1.

Issue related to vendors

The [View Vendor's Web Site](#) has been removed from the [Select Barcode Type](#) dialog box.

Issue related to Windows Server 2019

When viewing a report on Windows Server 2019, the report page size changes. As a workaround, follow these steps:

For SAP Crystal Reports Designer:

1. Set *Microsoft XPS Document Writer* as the default printer.
2. Right click *Microsoft XPS Document Writer*, click **▶ Printing preferences ▶ Advanced ▶** and select *Letter* for Paper Size.

For SAP Business Intelligence Platform:

1. Go to the *Central Configuration Manager* and stop the *Server Intelligence Agent*.
2. Right click *Server Intelligence Agent* and click *Properties*.
3. Uncheck *Log On As System Account* option and switch to the user to Administrator.

4. Start the *Server Intelligence Agent* with Administrator
5. Set *Microsoft XPS Document Writer* as the default printer.
6. Right click *Microsoft XPS Document Writer*, click ► *Printing preferences* ► *Advanced* ▾ and select *Letter* for Paper Size.

2.6 Upgrade Management Tool

Date and Time filter enteries are not considered while filtering the objects

During the BIAR to live migration, Date and Time filter enteries are not considered while filtering the objects.

In *Object Selection* window, the tool displays reports under *Folders and Objects* which are based on the *Modified Start Date* and *Modified End Date* field entered in the *Select Filtrs* window. UMT does not considers the *Modidified Start Date* and *Modified End Date* values and hence, the reports under *Folders and Objects* are not displayed.

2.7 Integration Option for Microsoft SharePoint

Changing Passwords in SharePoint (BW and Enterprise)

- When you change the password (Enterprise) of SharePoint site in the *Preferences* page, of the SharePoint site, it crashes and displays that the SharePoint site is under maintenance.
- When you change the password from the *Logon* page, you can see an exception. However, you cannot log into the BI Platform.

→ Tip

Clear the cache and retry changing the password.

3 Restrictions

3.1 SAP BusinessObjects BI Platform

Restriction related to exporting and importing Excel features in the Translation Management Tool (TMT) user interface (UI)

Exporting and importing Microsoft Excel (.xls file) features is implemented as part of the TMT SDK, but not of the TMT UI.

Restrictions related to BI Administrators' Cockpit

- BI Administrators' Cockpit is listed under the Applications tab. You will not be able to perform any configurations related to BI Administrators' Cockpit from within the Applications tab however, as it is currently only a placeholder.
- When you enable 2-way SSL on Tomcat and enable Trusted Authentication in WACS, you get an "Internal Error" message when you try to view the BI Administrators' Cockpit page. This is due to an issue with Firefox.

Restrictions related to BI Administrators' Cockpit REST SDKs

- Lumira documents created on a universe (UNX) are not included in the statistics:
When you create a Lumira document on any universe of type UNX, the Lumira document count is not saved on that universe. For example, if you have created three Web Intelligence document on universe X, the statistics displays that you have created three documents on universe X. Now, if you create a Lumira document on the same universe X, the document count is not incremented to four.
- Information Space created on a universe is not included in the statistics:
When you create an information space on any universe, the information space count is not modified on that universe. For example, if you have created three Web Intelligence documents on a universe X, the statistics displays that you have created three information spaces on universe X. Now, if you create a information space on the same universe X, the information space count is not incremented to four.

Restrictions related to Fiorified Business Intelligence Launch Pad

- Print preview in the BI Workspace is not supported for Fiorified BI Launchpad.

- The Fiorified BI launch pad shares the same application properties that you configured in the CMC for the traditional BI Launch Pad.
- Sorting and filtering feature are not available for the new columns.
- *Theme Designer* application is supported only on Tomcat and JBoss application servers.
- You do not see a *History* page as soon as you schedule a report. Instead, you see a notification regarding the schedule status.
- You cannot replace a file that you have uploaded from your machine to the BI launch pad.
- When you upload a document from your machine to the BI launch pad, you cannot map a document to a category.
- Some accessibility issues exist in the Fiorified BI launch pad.
- You see the *Inbox* and *Alerts* tabs even when you do not have the rights to view them. However, these tabs are disabled and you are not able to perform any action on them.
- OpenDocuments, with the exception of Web Intelligence and Lumira documents, open in the traditional viewer and not the new Unified viewer.
- You can Cut, Copy, and Paste only 100 objects at a time.
- You cannot Move, Cut, or Paste Categories.
- You cannot subscribe and unsubscribe to Alerts.
- You cannot create and schedule Publications.
- SAP Jam integration for collaboration is not supported.
- OpenDocument consumes new session ID when you open Fiorified BI launch pad for the first time and then, open OpenDocument within the same browser in another tab.
- CMC and Fiorified BI launch Pad are launched in the same tab. When you log out of the CMC, even your Fiorified BI launch pad session expires.
- Scheduling Crystal Reports with format type as XML is not listed in *Schedule* tab. It is visible in History page as an agnostic document.
- You can sometimes see Publication instances in *Schedule* tab.
- You may notice that some UI strings are not translated and appear in English in localized installations of the Fiorified BI Launch Pad.
- Filtering capability in *Schedule* tab may display some instances outside the specified date range when you set a time zone, other than the default (Locale to Web Server) time zone.
- When you choose a *Recurring* calendar to schedule your report, the recurring calendar days are not highlighted in the calendar.
- In the Inbox page, icons for documents and alerts are not displayed.
- To log on to the Fiorified BI Launch Pad, use a log-on token.
- In the History page, a user cannot select multiple instances and perform any action like delete all instances, organize, and reschedule.
- Right-to-Left language is not supported in the Fiorified BI Launch Pad.
- The BI platform displays an error message when your logon password is changed and you try to open an OpenDocument link.

Restriction related to Virus Scan Interface

- Virus Scan Interface (VSI) is not supported on Solaris. If you install SAP BusinessObjects BI platform on Solaris OS and enable VSI, files are not scanned for virus.

Restrictions related to BI Commentary

Ten extraneous rights with suffix (BI Commentary (owner right)) are automatically generated by the system. They currently have no significance and must be ignored.

Working with publications with dynamic recipients exceeding 100000 in number may lead to performance degradation in the publication.

When you work with publications with dynamic recipients exceeding 100000 in number, multiple scope batch is not generated. This may lead to performance degradation in the publication.

Workaround: Try and limit the dynamic recipients to a smaller number.

Restrictions related to CMS (Central Management System) DB Driver

- In Information Design Tool while creating new Relational connection using CMS DB driver, *Business objects credential mapping* Authentication mode is not supported.
- While performing query, the following operators are not supported with the CMS DB Driver:
 - Both
 - Except
 - Between
 - Not Between
- Technical queries help you to explore various technical values of the properties (apart from the name and value) such as property level, path, and whether it is a property bag or not. It is a new feature and currently supported for Web Intelligence and Information Design Tool only.
- *Query Filters* applied on Relationship objects are not supported with CMS DB Driver.

Restrictions related to Security

i Note

Significant security enhancements are introduced in SAP Business Intelligence 4.2 SP04 and hence, you should review the changes and its impact in the [2433337](#) prior to installation of the product.


- If the SSL Authentication is chosen as Server or Mutual while configuring LDAP authentication, then the BI platform supports TLS v1.2 secure protocol for communication with the LDAP server.


i Note

The BI platform supports TLS v1.0 for communication with the LDAP server if the BI platform is installed on Linux.

- The CMS crashes when you enable SSL on SIA in a Solaris machine.

i Note

You should disable SSL while working on a Solaris machine to prevent crashing of CMS. For more information, refer to [2426551](#) .

- The security enhancement in SAP Business Intelligence 4.2 Support Package 4 has increased the minimum key strength of certificates to 2048. Hence, the certificates with key strength of 1024 is not valid and fresh certificates needs to be generated. For more information, refer to [2433337](#) .

i Note


1. You must generate fresh certificates if you are upgrading from a version earlier to SAP Business Intelligence 4.2 Support Package 4.
2. You have to regenerate the certificates for the following:
 - SIA
 - HANA SAML
 - WACS
 - Collaboration
 - SSO to BW
 - Web Application Server

- Service provider implementation for SAML is supported only for Tomcat, WebSphere, and JBoss application server.
- X.509 support for Trusted Authentication is not a mandatory parameter.
- SAML Implementation is supported for BIP thin clients (BI launch pad, Fiorified BI launch pad, Central Management Console and OpenDocument).
- SAML integration to the BI Platform is supported for NetWeaver, Tomcat, and WebSphere application servers. However, for the BI 4.2 SP07 release, the Service Provider configuration is supported only for Tomcat, WebSphere, and JBoss application server.

Restriction related to Promotion Management

If you promote multiple federated objects in a folder without checking the option "Include federation relationship", the federation icon is not displayed on the selected folder. To ensure the federation icon is displayed, check the "Include federation relationship" option.

Restrictions related to BI Administration Console

- The default landscape and templates are not available after an update or a fresh installation of the BI platform. For more information, refer to [2566764](#) .
- You can install the Automation Framework and the BI Agent, which is available in the Collaterals folder, only in Windows and Linux operating systems but you can register the BI Landscapes (of versions BI 4.2 SP3 and BI 4.2 SP4) that are installed on other supported platforms in the Landscape Management and use them for automation of tasks in the Automation Framework.

- The BI Administration Console web application can be deployed only on SAP NetWeaver 7.5 SP05 and the Tomcat that is bundled with the BI platform install or support package. You must deploy the web application with the default deployment options and should not choose any custom configurations for the application servers.
- BI Administration Console Web Application is supported only on Microsoft Edge, Internet Explorer 11, and Google Chrome.
- BI Administration Console Web Application is available only in English Language.
- You can control the access to a functionality in BI Administration Console by assigning rights at the folder or object level to the user but the lack of rights has no impact on the user interface. For example, a user can see the option to create a scenario in BI Administration Console even if the user has no rights on the Scenario folder in CMC. If the user still tries to create and save a scenario in the Scenario folder, the system prompts with an error message.
- Landscape, Scenario, Workflow Template, Task Template, and Agent objects are not supported in Promotion Management scenarios.
- The Landscape Management supports only three authentication types:
 1. Enterprise
 2. LDAP
 3. Windows AD
- Landscape Management does not support SSO for any authentication type.

SAML 2.0 authentication

- In BI 4.2 SP06 or later, the BI Platform SAML support in WebSphere works only on websphere9.
- SAML support for RESTful web services through JBoss application server is available only for JBoss EAP 7.1.
- If the BI Platform has a custom installation with Java web application and a WACS server used for BOE deployment only, a new Tomcat folder jar is installed even though.


```
<BOE_INSTALL_DIR>\tomcat\webapps\BOE\WEB-INF\lib
```

```
<BOE_INSTALL_DIR>\tomcat\webapps\biprws\WEB-INF\lib
```

 No instance of Tomcat is installed, only path and jar files are installed.
- If the BI Platform has a custom installation, with a Java web application for BOE deployment only, a new Tomcat folder with all SAML jar files is installed even though.


```
<BOE_INSTALL_DIR>\tomcat\webapps\BOE\WEB-INF\lib
```

```
<BOE_INSTALL_DIR>\tomcat\webapps\biprws\WEB-INF\lib
```

 No instance of Tomcat is installed, only path and jar files are installed.

Restrictions related to BI Workspace

- BI Workspace in Fiorified BI Launch Pad doesn't support the following modules:
 - Collaboration Feed
 - My Applications
 - SAP StreamWork Feed

- You can only view the BI Workspace in the Fiorified BI Launch Pad. However, when you access BI Workspace through an OpenDocument URL in Fiorified BI Launch Pad, then the BI Workspace is launched in classical BI Launch Pad.

3.2 SAP BusinessObjects Live Office

Web Intelligence Commentary in Live Office

- Do not remove or edit the 'LiveOffice_ID' line in the Excel cell's comment for Web Intelligence cell.
- Web Intelligence chart comments are not supported.

Export Web Intelligence tables or cells as pictures in Live Office

- When you retrieve a Web Intelligence page header or footer, its background picture is imported as a single one.

.Net Framework support in Live Office

- Live Office does not work if the machine enables .Net Framework 3.5 and .Net Framework 4.x synchronously. For more information, refer to the SAP Note [2715292](#).

3.3 SAP BusinessObjects BI Platform SDKs

Restrictions regarding RESTful Web Services

- Personalization not supported:
For publication, personalization is not supported for enterprise and dynamic recipients.
- Filtering not supported:
For publication, filtering is not supported for dynamic recipients.
- Setting output format preferences is not supported:
For publication, setting output format preferences is not supported for all the available format types.

- For the REST API to fetch calendar dates (http://<baseURL>/v1/calendars/<calendar_ID>/dates) for scheduling, the API does not display expected behavior for **recurring calendars**.

Restrictions regarding Translation Management Tool (TMT) SDK

- The TMT SDK does not throw an exception when same locale is added 'N' times:
The TMT SDK allows you to add same locale 'N' number of times, and also prints the locale 'N' number of times without throwing an exception.
- The TMT SDK does not throw an exception when you try to remove a locale that is not a part of available locale:
If you try to remove a locale that is not a part of available locales, no exception is thrown.
For example, you have the following list of available locales:
 - *French*
 - *Arabic*
 - *Russian*
 - *Japanese*Now, if you try to remove the *Italian* locale, the TMT SDK does not throw an exception.

3.4 Data Access

HANA Vora

The connection server supports HANA Vora, but in some situations, joints will not work.

Microsoft Access 2016

The connection server does not provide primary keys. They are not supported by the Microsoft Access ODBC driver.

VS2005 runtime (Microsoft Visual C++ 2005 Redistributable)

With this release, “VS2005 runtime (Microsoft Visual C++ 2005 Redistributable)” is no longer included.

Of you are updating the existing installation to the SAP Business Intelligence Suite 4.2 SP07, then everything should work as expected including JCo workflows, as VS 2005 runtime was installed as part of the existing (previous) installation.

If you are performing the fresh installation of SAP Business Intelligence Suite 4.2 SP07, then you need to install the VS 2005 runtime, if you want to perform the JCo workflows, which involves the SAP JCo connector. To install the VS 2005 runtime, follow the instructions available in SAP Note [1077727](#).

Oracle Linux

Hive and Impala ODBC drivers are not supported on Oracle Linux.

3.5 SAP BusinessObjects Web Intelligence

Web Intelligence deployment

If you add more Adaptive Processing Servers to your Web Intelligence deployment, please ensure that the added instance does not contain the Commentary Service.

Shared Elements

- You cannot create shared elements in documents based on SAP HANA Online mode.
- Shared elements do not keep the report element translations.
- Custom color palettes aren't shared.

Geomaps

You cannot geo-qualify hierarchies.

Commentary

- It is not possible to insert a comment when the client and server applications are installed on the same machine. The following error is generated: *Unable to insert comment (WIS 00074)*.
Workaround: The Audit database uses an ODBC connection and the Rich Client uses a 32-bit software. When you install a client/server on a 64-bit OS, you have to create the exact same ODBC connection on 64-bit and 32-bit.

1. Go to the [Central Management Console](#).
 2. Click **► Applications ► BI Commentary Application ►** and check which ODCB connection is used for the BI Commentary service.
 3. Check if the BI Commentary service uses the audit database or another database.
If it's another database, note the name of the database connection specified in the commentary parameters page.
 4. If the BI Commentary Service uses the audit database, on the [Central Management Console](#) main menu, click [Audit](#) to get access to the parameters. By the default, the connection name is `BI4_Audit_DSN`.
 5. Run the 64-bits ODCB Manager from the [Control Panel](#).
 6. Copy the ODBC connection parameters of the database (name, hostname...).
 7. Run `<WINDOWS_INSTALL_DIR>\sysWOW64\odbcad32.exe`.
 8. Duplicate the 64-bits connection in 32-bits using the exact same connection name and parameters.
- Contextual comments are not implemented. If you change your prompts values, your comments will still show up.
 - You cannot use comments when using the Rich Client and an HTTP connection between the client and the BI platform. The commentary service is not available.

SAP HANA Direct Access

- An error is returned on a prompt query list of values when creating a document on an SAP HANA OLAP Direct Access data provider with a filter prompt on an attribute.

Web Intelligence Interactive Viewer

- You can only track data changes if the option is activated in Web Intelligence. It's not possible to activate this option in Web Intelligence Interactive Viewer.
- You can't freeze headers in Web Intelligence Interactive Viewer.
- The fold/unfold feature is not available on tables that contain nested breaks.
- The fold/unfold feature is not available on tables even if a break is defined:
 - on hidden columns/rows
 - on columns/rows which contain a formula
 - on cross-tables without table headers
- The new order hierarchy option available in Web Intelligence 4.2 SP5 classic clients cannot be set in the Interactive Viewer.
- Advanced drill features aren't available in the Interactive Viewer.
- Advanced expand/collapsed hierarchy options aren't available in the Interactive Viewer.
- You can't export a report in .CSV or .TXT format.
- You can't print reports in the Interactive Viewer.
- Right-to-Left alignment isn't supported for the report contents.
- You can't send a report to an email or ftp, and the Send As option isn't available when sending a report to another user.

- You can't set document properties in the Interactive Viewer.
- Caching options aren't available when scheduling documents.

Cannot consume Analysis Views

Analysis edition for OLAP queries built with Analysis edition for OLAP and based on SAP HANA views are not supported in Web Intelligence and generate an error.

Change source preserves the manual entry of prompt multivalued

When changing the source of an object that contains a multivalued parameter to a source that contains an interval parameter, the new prompt is still shown as multivalued.

Cascading HANA variables and input parameters are not supported

Web Intelligence does not support cascading HANA variables or input parameters. If you have three variables and try to get a list of values for the third variable that is automatically filtered out according to the prompts you have answered for the first two, Web Intelligence will not generate it.

BEx variables based on Dynamic Default Values do not work on authored BEx UNX universes

In the Query Panel, dynamic default values aren't updated upon refresh.

3.6 Information Design Tool

Universes

Column headers in Query Panel prompts

Column headers can't be translated.

Periods in the Query Panel

Periods shown either in the Query Panel list of values or prompt dialog should be the ones which actually contain membership. However, they always start from period number 1 (and not the base period), and stop at

the last built period: any gaps are not taken into account (non-built periods between the very first period and the last built period are displayed).

Security editor

There can be some errors if you close your CMS session and you try to perform some action in the security editor, in the share project editor, and finally in the cms connection editor.

Microsoft SQL Server Analysis Service connections

No activity with a Microsoft SQL Server Analysis Service connection can generate a timeout. There can be some errors if you close your CMS session and you try to perform an action in the security editor, in the share project editor, and finally in the cms connection editor.

BW authored universes using BICS

The presentation definition set on a characteristic is not kept when variables are viewed in the set variable list of values.

Adaptive Processing Server error messages

Errors returned by the materialization service hosted by the Adaptive Processing Server (APS) are not localized.

Multi-source universes

Changing the BW connection catalog name

If you change the catalog name of a BW connection, you have to re-edit and save the data foundation based on this connection, then republish the universe.

Stored procedures universes

Stored procedures universes support

Stored procedures universes are not supported in SAP BusinessObjects Dashboards, SAP BusinessObjects Live Office, SAP Crystal Reports 2016, SAP Design Studio and SAP Lumira.

'Current date' should not be used

When a stored procedure uses a value that uses the current date, then the stored procedure will be invalidated because the stored procedure, by its nature, is unable to contain parameters that use the current date. This kind of action is not supported.

Linked universes not supported

Although it is possible to create linked universes in stored procedures, they are not supported.

Check Integrity on stored procedure tables

Running Check Integrity on stored procedure tables can give unexpected error messages.

Sets

CMC: Set container scheduling

You can only schedule a single set or a single group of sets.

Query Panel prompts: column headers can't be translated

Periods in the Query Panel: periods shown either in the list of values or prompt dialog should be the ones which actually contain membership. However, they always start from period number 1 (and not the base period), and stop at the last built period: any gaps are not taken into account (non-built periods between the very first period and the last built period are displayed).

Subjects containing Unicode values

For Microsoft SQL Server, if the UNICODE_STRINGS universe properties is set to Yes, then you cannot build a set based on a subject based on a table column which contains Unicode characters. You can edit the Subject name so that it does not contain Unicode characters.

Scoring

Scoring is only applied on a step by step basis and therefore not tailored for Temporal sets on a period by period basis.

Visual Data step: custom value for date type objects is not supported.

Only use the proposed data formats.

Visual Data step: custom values for numeric type

Only use integers for custom numeric type values in the Visual Data step editor.

Visual Data step: Measures must be at the last step position in a set.

Once you have added a measure-based step, you cannot add further steps (unless they are also measure-based steps).

Visual Data step: You can only use one measure

Adding a measure is now restricted to one measure only. No objects are allowed after this measure.

Query Panel step: incompatible objects are not supported.

Ensure your queries consist of objects that are compatible with the other steps in the set.

Freehand custom SQL

When creating sets with custom SQL, ensure that custom SQL select items/result objects are assigned an alias "as id" or "as id1" depending on the number of subject keys:

☰ Sample Code

```
SELECT DISTINCT
  customer_id as id
FROM
  "sets"."customer_data"
```

Changes to the database

When making changes in the *Database* tab in *Manage Set Containers*, there should be no Set editors open on any client machine. If it is the case, close and reopen them after the changes are performed.

Renaming tables

Any table can be renamed if the existing tables have no data and the target tables do not exist or are empty.

- If any table contains data, the user is forced to rename all tables.
- If the user starts renaming an empty table to a table with existing data, all tables must be renamed.
- It is the user's responsibility to ensure that all renamed tables maintain data integrity between them.

3.7 SAP BusinessObjects Mobile Server

Logon to mobile server on JBOSS EAP 6.2 causes various errors

When you try to log on to the mobile server on JBOSS EAP 6.2, various errors can occur. For more information, see SAP Note [2207211](#).

3.8 SAP BusinessObjects Dashboards

HTML add-on

HTML add-on for SAP BusinessObjects Dashboards is not supported in this release.

Query as a Web service

HTML Dashboards does not support Query as a Web Service when running in Internet Explorer.

3.9 SAP Crystal Reports for Enterprise

Sample reports issue on Linux

On Linux-based operating systems, you can view the saved data but cannot refresh the two new Feature Samples under `/Report Samples/Feature Samples/`: "Barcode and QR Code" and "Waterfall Chart". This is also true observed in the CMC web viewer.

Issue related to stored procedures universe

SAP Crystal Reports for Enterprise does not support universes that contain stored procedures. When creating a report, no data is retrieved in the report.

3.10 Integration Option for Microsoft SharePoint

Changing Passwords in SharePoint (BW)



BW password change is not supported in SharePoint.

Important Disclaimers and Legal Information

Hyperlinks

Some links are classified by an icon and/or a mouseover text. These links provide additional information.

About the icons:

- Links with the icon : You are entering a Web site that is not hosted by SAP. By using such links, you agree (unless expressly stated otherwise in your agreements with SAP) to this:
 - The content of the linked-to site is not SAP documentation. You may not infer any product claims against SAP based on this information.
 - SAP does not agree or disagree with the content on the linked-to site, nor does SAP warrant the availability and correctness. SAP shall not be liable for any damages caused by the use of such content unless damages have been caused by SAP's gross negligence or willful misconduct.
- Links with the icon : You are leaving the documentation for that particular SAP product or service and are entering a SAP-hosted Web site. By using such links, you agree that (unless expressly stated otherwise in your agreements with SAP) you may not infer any product claims against SAP based on this information.

Beta and Other Experimental Features

Experimental features are not part of the officially delivered scope that SAP guarantees for future releases. This means that experimental features may be changed by SAP at any time for any reason without notice. Experimental features are not for productive use. You may not demonstrate, test, examine, evaluate or otherwise use the experimental features in a live operating environment or with data that has not been sufficiently backed up.

The purpose of experimental features is to get feedback early on, allowing customers and partners to influence the future product accordingly. By providing your feedback (e.g. in the SAP Community), you accept that intellectual property rights of the contributions or derivative works shall remain the exclusive property of SAP.

Example Code

Any software coding and/or code snippets are examples. They are not for productive use. The example code is only intended to better explain and visualize the syntax and phrasing rules. SAP does not warrant the correctness and completeness of the example code. SAP shall not be liable for errors or damages caused by the use of example code unless damages have been caused by SAP's gross negligence or willful misconduct.

Gender-Related Language

We try not to use gender-specific word forms and formulations. As appropriate for context and readability, SAP may use masculine word forms to refer to all genders.

© 2019 SAP SE or an SAP affiliate company. All rights reserved.

No part of this publication may be reproduced or transmitted in any form or for any purpose without the express permission of SAP SE or an SAP affiliate company. The information contained herein may be changed without prior notice.

Some software products marketed by SAP SE and its distributors contain proprietary software components of other software vendors. National product specifications may vary.

These materials are provided by SAP SE or an SAP affiliate company for informational purposes only, without representation or warranty of any kind, and SAP or its affiliated companies shall not be liable for errors or omissions with respect to the materials. The only warranties for SAP or SAP affiliate company products and services are those that are set forth in the express warranty statements accompanying such products and services, if any. Nothing herein should be construed as constituting an additional warranty.

SAP and other SAP products and services mentioned herein as well as their respective logos are trademarks or registered trademarks of SAP SE (or an SAP affiliate company) in Germany and other countries. All other product and service names mentioned are the trademarks of their respective companies.

Please see <https://www.sap.com/about/legal/trademark.html> for additional trademark information and notices.