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1 About This Document

This document is intended for end users of the SAP BusinessObjects Mobile application for iOS (SAP BI), who install and use the application features on their iPhone or iPad devices.

The document scope includes the following:

- The What’s New? information for the current release
- An overview of how to work with the application in a question and answer format. Each task that you may need or wish to perform in the application is framed as a question with the corresponding answer.

Note

1. The information on how to work with the application is also available in the Application Settings -> Application Help within the app.

2. For information or help on how to work with each BI content type supported by the application, refer to the contextual Help integrated with the application. You can open the contextual Help for specific BI content (such as Web Intelligence), by opening the BI report and tapping on the Help option in secondary tool-bar.
Note

You can refer to the following guides available on the Help portal (http://help.sap.com/bomobileios) for additional information:
<table>
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<th>Guide</th>
</tr>
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<tr>
<td>Administrator and Report Designer’s Guide- For information on</td>
</tr>
<tr>
<td>installation, environment set-up, application configuration and</td>
</tr>
<tr>
<td>customization, report designing (optimization for Mobile application).</td>
</tr>
<tr>
<td>Developer’s Guide- For building the application in your enterprise</td>
</tr>
<tr>
<td>app store with your specific requirements (customizations).</td>
</tr>
<tr>
<td>Application Features Versus the BI Platform server Compatibility</td>
</tr>
<tr>
<td>guide for a detailed matrix of server support for individual</td>
</tr>
<tr>
<td>application features.</td>
</tr>
<tr>
<td>Fixed Issues guide for a list of recently fixed issues in the</td>
</tr>
<tr>
<td>application.</td>
</tr>
<tr>
<td>Release Notes guide for the known issues and limitations of the</td>
</tr>
<tr>
<td>application.</td>
</tr>
</tbody>
</table>
2 About the Application and the Supported BI Content Types

SAP BusinessObjects Mobile application for iOS provides access to multiple SAP BusinessObjects Business Intelligence (BI) content types to users of iPhone and iPad devices through a single mobile app.

The SAP BusinessObjects Business Intelligence (BI) content supported by the app includes Web Intelligence, Crystal Reports, hyperlinks, Dashboards, Analysis applications, Explorer information spaces/exploration views, and BI HANA-based visualizations (based on the SAP Lumira Server and SAP Lumira Cloud).

Using the SAP BusinessObjects Mobile application for iOS, users can do the following:

1. Create connections to the SAP BusinessObjects BI platform server and access the various BI documents and analytics content available on the server.
2. Search, view, and download documents on their iPhone and iPad devices.

SAP BusinessObjects Web Intelligence

Here are some of the key features of SAP BusinessObjects Web Intelligence reports:

1. Web Intelligence reports offer capabilities such as filtering, drilling down, displaying data in charts, and displaying data based on formulas.
2. Data of Web Intelligence reports comes from a variety of data sources, including:
   - Universes (which organize data from relational and OLAP databases into objects)
   - Personal data providers (such as CSV files or Microsoft Excel spreadsheets)
   - Bex queries (based on SAP Info Cubes)
   - Web services
   - Advanced analysis workspaces
   - SAP HANA

SAP Crystal Reports

Here are some of the key features of SAP Crystal Reports:

1. SAP Crystal Reports can be based on virtually any data source.
2. Formulas, cross-tabs, subreports, conditional formatting, geographic maps and graphs in SAP Crystal Reports communicate information visually and effectively.

By default, interactive mode is set in iPad, and pdf mode is set in iPhone
Note

iPhone supports Crystal Reports in pdf mode only, which has limited functionality.

The following table gives a list of features supported in iPad and iPhone, for both pdf and interactive modes.

Table 1: List of features

<table>
<thead>
<tr>
<th>Crystal Reports in pdf mode (feature.crystal.showAsPDF=True)</th>
<th>Crystal Reports in Interactive mode (feature.crystal.showAsPDF=False)</th>
</tr>
</thead>
<tbody>
<tr>
<td>iPad and iPhone supports pdf mode.</td>
<td>Only iPad supports interactive mode.</td>
</tr>
<tr>
<td>You can use PDF format for a pixel perfect view. This format is intended for distribution and printing.</td>
<td>Interactive mode is used for easy access of data.</td>
</tr>
<tr>
<td>Download option is available.</td>
<td>Download option is not available.</td>
</tr>
<tr>
<td>In the toolbar, you can find the following icons:</td>
<td>In the toolbar, you can find the following icons:</td>
</tr>
<tr>
<td>• Refresh</td>
<td>• Refresh</td>
</tr>
<tr>
<td>• Settings</td>
<td>• Settings</td>
</tr>
<tr>
<td>• Back</td>
<td>• Back</td>
</tr>
<tr>
<td>• Search</td>
<td>• Search</td>
</tr>
<tr>
<td>• Filter</td>
<td>• Filter</td>
</tr>
<tr>
<td>• Group Tree</td>
<td>• Group Tree</td>
</tr>
<tr>
<td>When you tap on the Settings button, the following options are available:</td>
<td>When you tap on the Settings button, the following options are available:</td>
</tr>
<tr>
<td>• Download</td>
<td>• Offline PDF</td>
</tr>
<tr>
<td>• Help Info</td>
<td>• Download</td>
</tr>
<tr>
<td>• Collaborate</td>
<td>• Help Info</td>
</tr>
<tr>
<td>• Annotate</td>
<td>• Collaborate</td>
</tr>
<tr>
<td>• Email</td>
<td>• Annotate</td>
</tr>
<tr>
<td>• Full screen</td>
<td>• Email</td>
</tr>
<tr>
<td></td>
<td>• Full screen</td>
</tr>
</tbody>
</table>

Note

You can use the Offline PDF option multiple times although you download the document in interactive mode.

The info popover contains the following options:

- View
- Add to Device
- Add to Favorites

You cannot access Instance documents and OpenDocument links.

OpenDocument links are accessible. However, you cannot access instance documents.
**SAP BusinessObjects Analysis Applications**

Analysis applications are Web applications that allow users to analyze data from SAP NetWeaver Business Warehouse (BW) and SAP HANA. They are created using the SAP BusinessObjects Design Studio.

The design studio uses the latest technologies including HTML 5 rendering and the Eclipse plug-in for designers.

**SAP BusinessObjects Dashboards**

SAP BusinessObjects Dashboards (created with a Dashboard Builder) are corporate dashboards with analytics based on Universe queries. They are rich in look and feel, and provide support for the following features on Mobile:
- Query-pane-based data connectivity
- Hierarchies in tables
- Add-on components
- Maps, radar charts, bubble charts, waterfall charts, menus (such as Picture Menu, Accordion menu), list-builder selectors, and checkboxes.
- The Nova style theme

**Hyperlink Objects**

Hyperlink objects can be created in the BI LaunchPad. A hyperlink object has a name and a URL. On tapping a hyperlink document in the app, it opens a Web view within the application to render the URL contents (by default, the hyperlink does not open the browser on the device).

**Note**

If you want the report to open in a Safari (browser) window, append the parameter `<SAPBI_target>` with the value `_blank` to the URL. If you do not use this parameter, the target report always opens within the application container itself.

---

<table>
<thead>
<tr>
<th>Crystal Reports in pdf mode (feature.crysatl.showAsPDF=True)</th>
<th>Crystal Reports in Interactive mode (feature.crysatl.showAsPDF=False)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pdf mode does not support Crystal documents with prompts (saved with and without data).</td>
<td>Interactive mode supports Crystal documents with prompts (saved with and without data).</td>
</tr>
</tbody>
</table>
Visualizations (Based on the SAP Lumira Server and SAP Lumira Cloud Application)

The SAP Lumira Cloud application allows users to explore datasets and create visualizations that are stored on the cloud. It also allows you to upload, share, and delete SAP Lumira documents (.svid), SAP Crystal Reports documents, Design Studio files, Microsoft PowerPoint files, Microsoft Excel worksheets, and CSV files. It also allows you to share visualizations with other individual users.

i Note

Files can only be shared with individuals using the iPad app, not with teams. For more information on the SAP Lumira Server, refer to the SAP Lumira Cloud User guide available at http://help.sap.com/boall_en

i Note

For more information on the above BI content types, refer to the documentation available on the SAP Help Portal-> http://help.sap.com/boall_en
3 What's New in 6.3?

Increased Platform or OS support

The application is now supported on iOS-9-based devices.

Note
The application no longer supports iOS 7.

User Experience Enhancement

The existing Download, Information and Update icons are replaced with new icons for easy access. These images are shown below.

Table 2: Updated Icons

<table>
<thead>
<tr>
<th>Existing Icons</th>
<th>Updated Icons</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="download_icon.png" alt="Download Icon" /></td>
<td><img src="download_icon.png" alt="Download Icon" /></td>
</tr>
<tr>
<td><img src="next_icon.png" alt="Next Icon" /></td>
<td><img src="menu_icon.png" alt="Menu Icon" /></td>
</tr>
<tr>
<td><img src="refresh_icon.png" alt="Refresh Icon" /></td>
<td><img src="refresh_icon.png" alt="Refresh Icon" /></td>
</tr>
</tbody>
</table>

Note
Download option is provided for offline storage of documents and has been removed for online-only documents. The metadata of the previously downloaded documents are deleted.

Web Intelligence Enhancements

- In Web Intelligence documents with sections, the parallel section selection that you make in a report persists when you switch to other reports within the document. When you tap the Report List icon, a list of reports for the sections you chose previously appears.
To simplify the selection of values each time, all the parameters that you require are saved as variants. Every time you refresh the report you can select the variant directly instead of selecting every parameter that you want to view.

This application supports enhancement in BI 4.1 SP06 Semantic layer in prompts.

Support for Kerberos SSO

This application provides support for Kerberos SSO on mobile iOS. To enable Kerberos-based authentication for the mobile iOS application, a few steps need to be executed on both the iOS device and the mobile server.

The BOE landscape should be configured for Kerberos-based Authentication.

Kerberos is not supported by SMP/SUP Connections.

For further details, refer to Mobile Server Deployment and Configuration Guide 4.2

Enhancement in Default Landing Category

A personal category as well as a corporate category can now be defined as the default landing category. The default landing category is also enabled in offline mode.

You can only set a personal category as the default landing category from the device.

Device Notifications

You can view various notifications in the Notification Panel of your device.

For more information, watch Push Notification SAP BusinessObjects Mobile 6.3 Business Intelligence 4.2
Search within Sections

You can navigate to any section by entering its name in the navigation panel.

SAP Lumira, server for BI Platform on Mobile

You can now view existing Lumira documents on your mobile.

Note

SAP Lumira, server for BI Platform is supported only on iPad.

For more information, watch What’s New in SAP BusinessObjects Mobile 6.3 🎥
4 Working With the Application

4.1 Creating and Working With Connections

4.1.1 How do I create connections to the BI platform/BusinessObjects Enterprise server?

1. Tap (Browse) in the tool-bar of Home page to open the left navigation panel.

2. In the left panel, tap on (Settings) and choose Application Settings.

3. On the Application Settings screen, tap Create new connection.
   The Create new connection screen appears displaying the default connection type as SAP BusinessObjects BI Platform (you don’t need to change this).

4. Specify the following values in Connection Details:
   - **Connection Name**: This is the connection name that will appear in the application on your device. You can enter any alphabetical, numeric or alphanumeric value for this.
   - **Server URL**: The I.P address and port of your BI server in the format <I.P address>:<port>. For example, 10.53.91.811:8080
   - **CMS Name**: The I.P address of your BI server. In the above example, 10.53.91.811 is your CMS name.

5. Within Authentication details, specify the **User Name** and **Password** for the connection based on the values provided by your BI platform/Enterprise administrator.

6. Tap Done.

   - **Note**: Using the browser on your machine, you can access the BI LaunchPad using the URL http://<CMS_IP_address>:8080/BOE/BI and logging in with your account credentials as provided by the administrator.

   - **Note**: If you are creating a server connection for the first time, the application prompts you to create an application password for security of your Business Intelligence data. Create a simple app password when you receive the prompt.

The application asks you if you want to log on to the created server connection. Tap Yes to log on or No to return to the Home screen of the application.
4.1.2 How do I create Lumira server or Lumira cloud connections?

1. Tap (Browse) in the tool-bar of Home page to open the left navigation panel.
2. In the left panel, tap on (Settings) and choose Application Settings.

3. On the Application Settings screen, tap Create new connection. The Create new connection screen appears displaying the default connection type as SAP BusinessObjects BI Platform.
4. Tap on the arrow that appears next to the SAP BusinessObjects BI Platform in the connection type field. The "Connection Type" screen appears.
5. In the "Connection Type" screen, select SAP Lumira Server to create an SAP Lumira server connection and SAP Lumira Cloud to create a cloud connection.
6. Specify the following values in Connection Details:
   ○ Connection Name: This is the connection name that will appear in the application on your device. You can enter any alphabetical, numeric or alphanumeric value for this.
   ○ Server URL: The I.P address and port of the SAP Lumira server or SAP Lumira Cloud in the format <I.P address>:<port>. For example, 10.53.91.811:8080
   ○ Default: Enable this flag if you want to make this connection as your default connection every time you log on to the application on your mobile device.
7. Within Authentication details, specify the User Name and Password for the connection based on the values provided by your BI platform/Enterprise administrator.

   Tip
   Enable the Save Password option if you want to avoid entering the password every time you connect to this connection.
8. Tap Done.
4.1.3 How do I import connections from the server?

**Pre-requisite:** Besides the Mobile BI platform server, you have the Configuration server installed and configured on your network.

1. Tap **Browse** on the Home screen tool-bar to open the left hand navigation panel. Tap **Settings** -> Application Settings to open the Settings page of the application.
2. On the Settings page, tap **Import existing connections**. The Import Connection screen appears.
3. Within IMPORT CONNECTIONS FROM, tap **Configuration Server** to import BI platform/BOE connections from the configuration server.
4. Enter the IP address and port of the configuration server in the **Configuration Server URL** text-field. Once you enter the URL, all the Corporate connections available on the server are listed in the view.

**Note**
Contact your administrator to find out the IP address and port of the Configuration server on which the Corporate connections are configured.

5. Tap the connection you want to import and tap **Import**. All the connection details of the selected connection are displayed in a new screen.
6. Tap **Done** to add the connection on your device.

4.1.4 How do I view the sample online Business Intelligence content?

If you have installed and launched the app for the first time

Tap **Connect** that appears on the Home screen, and tap **SAP Analytics Gallery** on the **Settings** screen that appears.

If you have upgraded the app, or already added connections earlier

1. Tap **(Browse)** in toolbar of the application to open the left navigation panel.
2. On the header of the panel, tap on **Settings** and tap **SAP Analytics Gallery** in the pop up that appears.
4.1.5 How do I switch between available connections?

1. Tap (Browse) in the toolbar to open the left navigation panel.
2. At the top of the panel, tap on the header that displays your current connection (with a green indicator).
   - The Connections pop up appears displaying the available server connections.
3. Tap the required connection in the Connections pop up.
   - The application displays a dialog box stating that you will be logged off from the current connection.
4. Tap Yes in the dialog box. You are connected to your chosen server connection.

4.2 Navigating and Browsing Content

4.2.1 How do I view the BI documents categorically?

1. Tap the (Browse) icon that appears in the toolbar. The left navigation panel appears.
2. All the categories (including personal and corporate categories) to which you have assigned the BI documents on the server appear beneath All Reports in the left navigation panel. Tap a category to view the documents belonging to it.

   **i Note**

   You can distinguish between the personal and corporate categories by observing the symbol that appears before the listed categories (the personal categories appear with a (Personal) indicator next to them).

4.2.2 How do I view the meta-information of a BI document?

Tap the (Information) icon that appears on the document tile (in grid view of the screen) or next to the document name (in list view of the screen). The Information screen appears displaying all the information about the document (such as the author, the download date, and the document type).

4.2.3 How do I download BI documents?

Tap the (Download) symbol that appears over the document tile. (The app prompts you to assign categories to the BI document while downloading it. You can assign the document to multiple categories by
selecting the available Personal categories from the list or by creating a new category. Once assigned, tap Done.

### 4.2.4 How do I bookmark a BI document?

1. Tap the (Information) icon that appears over a BI document tile (in Grid View) or next to the BI document (in List View) on the Home screen.
2. On the Information screen, tap +Favorite to add the document to your Favorites.

Once bookmarked, you can access the BI document directly by tapping Favorites in left navigation panel of the application.

### 4.2.5 How do I view my Favorites?

To view your favorites (bookmarked BI documents), tap (Browse) in toolbar of the application to open the left navigation panel, and tap Favorites.

### 4.2.6 How do I edit the categories of a BI document?

While downloading BI documents, the application prompts you to assign personal categories to the document. Later, you can also edit the categories of the downloaded BI document.

1. Tap the (Information) icon that appears over a BI document tile (in Grid View) or next to the BI document (in List View) on the Home screen.
2. On the Information screen, choose Assign Categories.
   
   The Choose Category pop up appears displaying the personal and corporate categories available on the server. (The categories to which the document is already assigned on the server are selected by default in the pop up.)

3. To assign the document to existing categories, select the required categories from the list in Choose Category pop up.
4. To assign the document to a new personal category, choose Create New Category, and enter a name of the category in the screen that appears. Tap Create.

Note

The application only permits assignment to existing or new Personal categories. The corporate categories are disabled in the pop up, as you cannot assign or un-assign BI documents to corporate categories using the application.
The category is created and the document is automatically assigned to the new category.

### 4.2.7 How do I access the BI documents received in my BI Inbox on the server?

To view the BI documents that you have received in your Inbox (on the BI launch pad on server), tap  
(Browse) in toolbar of the application to open the left navigation panel, and choose **BI Inbox**.

### 4.2.8 How do I save a personalized view of a Web Intelligence report?

You may want to run a Web Intelligence report for a specific set of selection criteria, with specific filters or sorting applied, and then ‘save’ it. This personalized view is now a separate document available for both online and offline consumption.

Based on your selection criteria, once you have brought a BI document to a certain view after performing actions such as drill, filter and refresh, perform the following steps to create a personal view:

1. Tap (Report Settings) to open the secondary toolbar of the BI document, and tap on **Save View**.
2. In the pop up that appears, specify a **Personal View Name** and tap **Done**.
   
   Your personalized view of the BI document is saved in device memory, and you can access it by tapping **Personal Views** in the left navigation panel (Browse menu) of the app.

**Note**

Following are few things to note about personal views:

- If you want a saved personal view to display the latest information from the server (in online mode), you need to explicitly **Refresh** the personal view after opening it. You can update the personal view with latest data from the server in 2 ways:
  - By tapping on the **Refresh** icon in the tool-bar of the opened personal view.
  - By tapping on the **Update** option that appears in the Information (>) screen of the personal view tile.

- Personal views are supported on both Web Intelligence documents and their instances.

- When you save a personal view, the application does the following:
  - **Saves the state** of Web Intelligence report. (In whatever state you left the report before saving the view, the same state is maintained when you access the personal view.)
  - **Saves the history of server actions** that you performed on the report before saving the personal view.

  On a personal view, you can perform all those server actions that you performed before saving the view. For example, if you drilled down in the report’s charts or tables and applied filters, you can do the same actions after opening the personal view (**even in offline mode** of working).
If the report has REL (report element linking), the application also records the sequence in which you have filtered data in the linked report parts. You can only use REL in the same sequence of linking.

- Irrespective of whether you are in offline or online mode of working, you can perform only those actions on a saved personal view that you did before saving it.
  - For example, if you drilled down in report parts, but did not drill up, you cannot drill up in the personal view.
  - If the report has hierarchical tables, but you did not perform an expand or collapse on the nodes, you cannot expand or collapse nodes in the personal view.

For a personal view, the application does not record the actions that are independent of server interaction (such as sort, re-order or freeze in tables). User can perform these actions in personal views anytime and in any order.

The maximum number of personal views that you can save on device depends on the value of Personal View Storage setting that you specify in Application Settings -> Additional Settings.

If you specify 'None' as the personal view storage limit, you can save unlimited number of the personal views on your device.


4.2.9 How do I remove personal views from the device?

You can delete personal views from the device in one of the following ways:

- By tapping Delete Personal View option that appears on the Information(►) pop up of the personal view tile.
- By erasing application data using (Settings) ➤ Application Settings ➤ Additional Settings ➤ Clear Data ➤ Remove Application Data
- By removing the server connection that has the BI report from which the personal views are created.
4.2.10 How do I delete a downloaded BI document?

1. Tap the (Information) icon that appears over the BI document tile (in Grid View of Home screen) or next to the BI document name (in List View of the Home screen).
2. On the Information screen, tap Remove From My Items to delete the document.

4.2.11 How do I refresh my document list (Home screen)?

You can refresh the Home screen using the pull-down gesture.

Additionally, the application Home screen is now auto-refreshed at regular intervals set by your administrator. When the Home screen is auto-refreshed, if server updates are available for your downloaded BI documents, the (Notifications) icon appears on the toolbar. You can view and fetch document updates from the Notifications panel that appears on tapping the Notifications icon.

4.2.12 How do I set the default landing category?

A personal category as well as a corporate category can now be defined as the default landing category. The default landing category is also enabled in offline mode.

To set the default landing category, proceed as follows.
1. Tap the Settings icon in the home screen.
2. Choose Set Default Category. A list of available categories appears.
3. Select the category that you want to set for default landing.

For more details on setting the default landing category, refer to the Administrator’s Guide.

4.2.13 How do I use prompt variants?

To simplify the selection of values each time you open a report, all the parameters that you chose previously are saved as a variant. Every time you refresh the report you can select the variant directly instead of selecting every parameter that you want to view. To use prompt variants, proceed as follows.
1. Open the Web Intelligence report.
2. Tap the Refresh icon. The Prompts dialog box appears.
3. Choose Prompts Variants and select the variant you want from the list of variants that appears. Prompts Summary in the dialog box is updated automatically.
4. Tap Apply.
4.2.14 How do I search in sections?

You can navigate to any section by entering its name in the navigation panel.

4.3 Collaborating With Colleagues and Partners

4.3.1 How do I email a BI report snapshot?

Open the BI report, tap (Advanced Settings) in the tool-bar to open the secondary tool-bar and choose Email. The application generates an email draft with links to directly open the report snapshot in the recipient’s device. Populate the recipients in the To field and choose Send.

4.3.2 How do I customize a BI report snapshot with annotations?

1. Open the BI report, tap (Advanced Settings) in the toolbar to open the secondary tool-bar and choose Annotate. The device orientation is locked and the report opens in the Annotate view with a snapshot of the BI report. In the toolbar of the Annotate view, you see icons to:
   ○ (Draw)
   ○ (Erase)
   ○ (Add Text)
   ○ Select screen area (to Blur or Crop)
   ○ (Add Voice Note)
2. Choose the required options for annotating the snapshot in the Annotate view, and tap Done. The next screen displays the following options in tool-bar:
   ○ Email: Choose this to email the annotated snapshot to colleagues.
   ○ SAP Jam: Choose this to share the annotated snapshot with colleagues using SAP JAM.

Note

If you do not have an SAP JAM account, you can sign up on the site https://jam4.sapjam.com/
4.3.3 How do I share and discuss a BI report?

Pre-requisite: You should hold an SAP StreamWork or SAP JAM account to discuss reports with other users.

**Note**
If you are not familiar with SAP Streamworks and want more information, go to http://www.sapstreamworks.com/how-it-works. Sign up for a valid Streamwork account to use the collaboration features of the application. Similarly, if you want to sign up for SAP JAM, go to https://jam4.sapjam.com.

1. Open the report (that you want to share and discuss), and tap the (Settings) in the report toolbar to open the secondary tool-bar.
2. In the secondary toolbar, tap **Collaborate**. The SAP Streamwork pop up appears.

**Note**
If you are a user of SAP JAM and want it to appear in the application as the Web collaboration tool (instead of SAP StreamWork), you can ask your administrator to enable SAP JAM using the Mobile server or the application SDK.

3. Enter your SAP StreamWork/SAP JAM credentials in the pop up.
   The Activities pop up appears.
4. Tap **Create New Activity**.
5. In the Create New activity pop up, specify the **Activity Title** and **Objective** of the new activity. To add participants to the activity, tap + and select the participants that appear in the list within the pop up. To add a participant that is not available in your Corporate account list, directly enter the email ID.
6. Tap **Done**. The application generates an activity invitation consisting of:
   - The Activity Title, Participants and Objective
   - Free space for you to enter text for the invitees
   - The report view snapshot
7. To send the invitation to the participants, tap **Send**. When the participants receive the activity invitation in Streamwork, it appears in the pending list of invitations in their account. After they accept the invitation, they can add their text comments to the activity.

**Note**
The invitees can perform actions such as accepting the invite and commenting on activities using the application on their iOS device or using the Streamwork/JAM Web portal on their desktops.

8. At any time, to continue the report discussion, tap **Collaborate** in the secondary tool-bar of your report. From the list of existing activities that appear in the Activities pop up, select the activity relevant to the current report. You find the history of discussion between you and the participants in the activity. Enter text comments to continue the discussion based on your requirements.
4.4 Accessing Application Notifications

Whenever there are refresh updates available for your downloaded BI documents, the application icon on the device screen displays a notification badge as shown in the below image:

![Notification Badge](image)

The number that appears over the badge is a summation of notifications from all server connections that you have added in the application. For example, if you have added 3 server connections, and there are 3 updates available on each server, the Notifications badge displays 9.

This number changes dynamically and is always in synchronization with the (Notifications) icon that appears on the toolbar of the application.

**Note**

Notifications for documents that are newly added and deleted from the server are no longer supported.

### 4.4.1 How do I view notifications when my downloaded BI documents are refreshed on the server?

When your downloaded BI documents are refreshed or updated on the server, the application displays notifications.

To view notifications for the updated BI documents, tap (Notifications) on the Home screen toolbar. The Notifications panel appears and the refreshed BI documents appear in the Updates Available tab.

### 4.4.2 How do I view notifications for conditional-formatting-based Web Intelligence (downloaded) documents when they are refreshed on the server?

For your downloaded Web Intelligence documents, when a data refresh is performed on the server in line with the alerters’ criteria (leading to a change in the formatting of its tables), the application displays notifications (alerts).

To view notifications (alerts), tap (Notifications) on the Home screen toolbar. The Notifications panel appears and the refreshed Web Intelligence documents appear in the Alerts tab.
4.4.3 How do I clear notifications?

The application displays notification when the BI document that is downloaded onto your device is either updated or deleted on the server. You can clear any notification or clear all notifications after viewing them.

To clear notifications from the notification panel, perform the following steps:

1. Tap (Notifications) on the Home screen toolbar.
2. On the Notifications panel, perform one of the following steps:
   - To clear all notifications under the respective tab, tap Clear All.
   - To clear an individual notification, swipe the respective notification and tap Clear.

4.5 Accessing Device Notifications

You can access various notifications in the Notification Panel of your device.

The notifications that you receive can be any of the following:

- BI Inbox notifications
- Update Notifications
- Broadcast Notifications

The notifications can be seen as shown in the image below:
4.5.1 How do I enable device notifications?

1. Tap the Menu icon.
2. Tap the Settings button in the window that opens.
3. Choose Application Settings » Additional Settings » Notification Settings

Note

If the administrator disables the notification option in the Central Management Console (CMC), you do not receive any notifications. If the administrator enables it, you can either enable or disable the Notifications option in the device depending on your requirement.

You can enable or disable individual notifications on your device depending on your requirement.

For further details, refer to the Administrator’s Guide.
4.5.2 How do I view BI Inbox notifications?

You receive BI Inbox notifications when you receive a document in your BI Inbox. When you tap the notification, you log into the connection associated with the document, and the document in the BI Inbox opens.

4.5.3 How do I view update notifications?

You receive update notifications when the BI documents that you have downloaded have an update or a new instance available on the server. When you tap this notification, you log into the connection associated with the document. The updated document opens.

**Note**

To receive update notifications, you should refresh the listing page or log on again once you download the document.

4.5.4 How do I view broadcast notifications?

You receive broadcast notifications when the BI Platform Administrator broadcasts important messages. When you tap on this notification, it logs into the existing connection and displays the broadcast message in a popup. An example of a broadcast message is *Service restart*.

### 4.6 Managing Application Settings

#### 4.6.1 How do I manage the application password settings?

You can disable app password, change your app password and configure the duration of inactivity after which the application prompts you for password.

1. Tap **(Browse)** on the Home screen toolbar to open the left navigation panel.
2. Tap **(Settings)** and tap Application Settings.
3. On the Settings page, tap Application Password and choose the required options on the screen that appears.
4.6.2 How do I enable Touch ID in the application?

If you are using an iOS 8 (or later version) device, and have registered your fingerprint (using the Device Settings), you can enable **touch ID** in the application and use it to log on without needing to enter the application password.

1. Tap (Browse) on the Home screen toolbar to open the left navigation panel.
2. Tap (Settings) and tap Application Settings.
3. On the Settings page, tap Application Password > Enable Touch ID.

If your application password and touch ID, both are enabled in the application, the following pop up appears on the "Log on" screen when you tap the application icon on your device screen:

![Touch ID pop up](image)

4.6.3 How do I manage the app appearance settings?

You can configure the viewing theme for the application.

1. Tap (Browse) on the Home screen toolbar to open the left navigation panel.
2. Tap (Settings) and tap Application Settings.
3. On the Settings page, tap Additional Settings to open the Additional Settings page.
   - To set graphite color for the background of application, choose Graphite.
   - To set ivory color for the background of application, choose Ivory (default theme).

4.6.4 How do I recommend this application?

1. Tap (Browse) on the Home screen toolbar to open the left navigation panel.
2. Tap (Settings) and tap Application Settings.
3. On the Settings page, tap Additional Settings and select Recommend This Application on the screen that appears.

   The application generates an email draft with a link to install the application on recipient’s iOS device. Populate the sender’s email ID and send the email.
4.6.5 How do I enable the Auto Update option?

When you enable the Auto update option, if there are any updates to the BI documents on the server, the application automatically downloads the updated documents onto your device. Additionally, if there are any documents available in BI-Inbox, they are automatically downloaded to the device.

1. Tap (Browse) on the Home screen toolbar to open the left navigation panel
2. Tap (Settings) and tap Application Settings.
3. On the Settings page, tap on Additional Settings.
4. On the Additional Settings page, turn on the Auto Update option.
5. If your device supports both cellular data and Wi-Fi, then choose the required connection modes.

4.6.6 How do I clear HTTP cache?

The mobile application stores HTTP cache when you access hyperlinks, analysis application documents, and SAP Lumira BI content on your device. If required, you can clear the HTTP cache from the Application Settings menu.

1. Tap (Browse) on the Home screen toolbar to open the left navigation panel
2. Tap (Settings) and tap Application Settings.
3. Tap Additional Settings.
4. Tap Clear Data.
5. Tap Remove HTTP Cache Data.
6. Tap Erase.
5 Creating Personal Views of Web Intelligence Reports

Personal Views is a capability to save personalized views of a Web Intelligence report.

Understanding the Significance of Personal Views

For some business requirements, you may want a particular view of a Web Intelligence report to be opened every day and refreshed. For example, consider the following use case:

For customer A, a sales representative filters data with certain input control values and drills down two levels in the report tables. The representative then saves a personal view of the report and names it Daily Sales - Customer A. Now the representative can open this personal view every day and quickly refresh (or update) the report with latest data from the server, without performing the same actions for customer A again. This way, having performed different server actions (for different customers), the representative can save multiple personal views of the same report (but with different results) for offline or personalized viewing (such as Daily Sales - Customer A, Daily Sales - Customer B and Daily Sales - Customer C).

Creating and Accessing Personal Views in the Application

To create a personal view of a Web Intelligence report, perform the following steps:

1. Open the report, and perform the required server actions so that the report arrives at your desired view. (Your actions may include drilling, filtering using input controls, displaying information in sections, and other actions based on server interaction.)

2. Tap (Report Settings) to open the secondary toolbar, then tap Save View. The "Save View" dialog opens.

3. Specify a Personal View Name and optionally a description of the view. Then tap Done. The personal view is created and you can access it using the Personal Views tab in the Browse panel. You can also refresh the data in your personal view anytime by tapping the [Refresh] option in the view toolbar.

Characteristics of Personal Views

1. You can create multiple personal views of the same base (source) document, and each view is independent of each other.
2. If you want a saved personal view to display the latest information from the server (in online mode), you need to explicitly **Refresh** the personal view after opening it. You can update the personal view with the latest data from the server in two ways:
   - By tapping the **Refresh** icon in the toolbar of the opened personal view.
   - By tapping the **Update** option that appears in the Information (>) screen of the personal view tile.

   **Note**
   If you want to disable the refresh or update of personal views in the application, you can set the value of the following client setting to ‘false’

   `feature.webi.personal.view.update.enabled`

   To access client settings based on the server version that you are using, see the related topics of this chapter.

3. When you refresh a personal view, the application refreshes the source BI report (from which you created the view) and applies all the history actions on the report to bring it to the view state.

4. You can save personal views of Web Intelligence documents only. Other BI document types do not support this feature.

5. Personal views are supported on both Web Intelligence documents and their instances.

   **Note**
   If the Web Intelligence document is scheduled on the BI platform server, and there is an instance of the same available on the server, when users tap **Update** or **Refresh**, the server returns either the refreshed document or its latest instance, depending what is more recent.

6. When you save a personal view, the application does the following:
   - **Saves the state** of a Web Intelligence report. (In whatever state you left the report before saving the view, the same state is maintained when you access the personal view.)
   - **Saves the history of server actions** that you performed on the report before saving the personal view.
     
     On a personal view, you can perform all server actions that you performed before saving the view. For example, if you drilled down in the report’s charts or tables and applied filters, you can perform the same actions after opening the personal view (**even in offline mode**).

   **Note**
   If the report has REL (report element linking), the application also records the sequence in which you filtered data in the linked report parts. You can only use REL in the same sequence of linking.

7. Irrespective of whether you are in offline or online working mode, you can perform only those actions on a saved personal view that you performed before saving it.

   For example, if you drilled down in report parts, but did not drill up, you cannot drill up in the personal view.
   
   If the report has hierarchical tables, but you did not perform an expand or collapse action on the nodes, you cannot expand or collapse nodes in the personal view.
For a personal view, the application does not record the actions that are independent of server interaction (such as sort, re-order, or freeze in tables). Users can perform these actions in personal views anytime and in any order.

8. Apart from Refresh and Update, no other action (request) on a personal view goes to the mobile BI server. (Before saving the view, when you perform server actions such as drill and filter, the application fetches the required data and stores it in local memory of the device. When you perform the same actions on the saved personal view, the required data is fetched from device memory, and there is no server interaction.)

9. If the personal view has an OpenDocument URL that targets a BI document that is not Web Intelligence, the target document does not open when you tap the URL in the personal view (even if you tapped the URL before saving the view of report).

10. If the BI report has drill-enabled tables, the personal view displays the drill pop-up options on only those cells on which you have drilled information before saving the view. Other cells do not display the drill pop-up.

11. Using input controls, if you have filtered data in the BI report before saving the personal view, when you open the personal view and tap (Filter), the pop-up displays only the combination of values that you chose while filtering data. The following figure displays the view that appears:
When you tap on any value combination, the pop-up displays all the individual values the same way as they appeared in the original BI report, as shown below:

You can select any value and tap **Apply** to apply value selections.

12. You cannot create a personal view from an existing personal view.

13. The maximum number of personal views that you can save on-device depends on the value of the **Personal View Storage** setting that you specify in **Application Settings** - > **Additional Settings**.

   **Note**

   If you specify 'None' as the personal view storage limit, you can save an unlimited number of personal views on your device.

14. You can delete personal views from the device in one of the following ways:
   - By tapping the **Delete Personal View** option that appears on the Information(>) pop-up of the personal view tile.
   - By erasing application data using **Settings** - > **Application Settings** - > **Additional Settings** - > **Clear Data** - > **Remove Application Data**
   - By removing the server connection that has the BI report from which the personal views are created.
15. In the following scenarios, you cannot save personal views for a Web Intelligence report:
   ○ The parent document is configured to "Refresh on Open".
   ○ The parent document is set to Confidential on the server.
   ○ The parent document is a "View as PDF".
   ○ The <offline storage> property on the Mobile server is set to 'False'.

16. In the following scenarios, saved personal views are automatically removed from the device memory:
   ○ The parent (source) document of the personal view has expired (based on the TTL server parameter).
   ○ The administrator has either removed the parent document from the server or unassigned it from the Mobile category.
   ○ The administrator set the parent document to Confidential on the server.
   ○ The <offline storage> property on the Mobile server is set to 'False'.

17. The secondary toolbar of a personal view does not have the Collaborate option, as personal views are not designed for discussing.

Few Limitations of Personal Views

1. If you use hierarchical input controls or hierarchical sections in a Web Intelligence report, the application does not permit you to save a personal view of the report.
2. When you email a personal view, the email body contains the view snapshot only. It does not contain any SAP BI URL for OpenDocument.
3. You cannot save a personal view of the Web Intelligence report that is invoked by a source report using the OpenDocument function. The application prompts you to return to the source document for saving a personal view.
4. Personal views are supported only on the following BI Platform server versions:
   ○ SAP BusinessObjects BI platform 4.0, Support Package 8 and above
   ○ SAP BusinessObjects BI platform 4.1, Support Package 2 and above
5. If your personal view has an OpenDocument URL that targets the same BI document as the source (parent document from which you created the view), the URL does not work as expected in the personal view.
6 SAP Lumira Support on Mobile

6.1 Is SAP Lumira, server for BI Platform on Mobile Compatible with my iOS?

SAP Lumira, server for BI Platform on Mobile is compatible with iOS 8 and above. However, it is not supported on iPad2 or iPhone.

For more information, see http://scn.sap.com/docs/DOC-42043.

6.2 What are the supported connections for SAP Lumira, server for BI Platform on Mobile?

All SAP BusinessObjects BI Platform connections are supported in SAP Lumira, server for BI Platform on Mobile.

6.3 What are the container features supported for Lumira stories on Mobile?

All the Mobile container features are supported for Lumira stories, except the following:

- Offline Support
- Personal Views

Note

BI-Inbox is supported from BI 4.2 onwards.
6.4 How do I handle access rights for Lumira content?

Access rights for Lumira content for BusinessObjects Enterprise connections are the same as for Mobile iOS. The following access rights are supported for SAP Lumira, on Mobile:

- **Share rights**: If you do not have share rights, you cannot share the Lumira documents with other users through e-mail.
- **Subscribe rights**: If you do not have subscribe rights, auto-refresh does not occur when the application is running in the background.
- **Refresh rights**: If you do not have refresh rights, you cannot refresh the Lumira document.

**Note**
You do not see the Refresh icon on the toolbar if you do not have refresh rights.

6.5 How do I list Lumira content?

By default, all Lumira documents are listed in the home page.

**Note**
Mobile and MobileDesigned categories are ignored for Lumira content.

For more information, see Administrator’s Guide.

6.6 How do I interact with Lumira content listed on the Home Page?

You can search the Lumira content locally like any other Mobile content. Depending on the sort parameters (author, date, title, and type), Lumira content is sorted automatically (in ascending or descending order). You can view the metadata of Lumira content-type by tapping (metadata icon). You can also toggle between Tile View and Listing View.
6.7 How do I view Lumira stories on Mobile?

To view Lumira documents, you need the Lumira Story Viewer. The Lumira Story Viewer is packaged along with the client, which gets extracted the first time you log in using a connection. Once the Lumira Story Viewer is extracted, you receive a notification.

**Note**

You can view stories using Lumira on Mobile in online mode only.

The Lumira Story Viewer has a unified layout, in which the **Storyboard** and **Report Contents** pane are merged in the **Infographic Story** pane. The story can be viewed only in landscape mode.

**Note**

You receive an "Orientation Locked" message for the first two times you launch the application.

6.8 How do I navigate between stories?

The first story in Lumira is displayed automatically. If there are multiple stories, you can navigate between them by choosing from the list of stories, which is obtained by selecting  (Story List Icon) on the toolbar. If there are no stories available, a blank page with a **No Stories Available** watermark is displayed.

6.9 What charts are supported by SAP Lumira, on Mobile?

SAP Lumira, on Mobile supports all charts that are supported by SAP Lumira, server for BI Platform. However, extensions are not supported.

6.10 How do I use various gestures in SAP Lumira, on Mobile?

You can use the following gestures to perform various actions on SAP Lumira on Mobile:

- Tap gesture: When you double-tap visualizations, it opens in the explore mode. In order to go back to the story viewer mode, you can choose **Back** or simply double-tap again.
• Swipe gesture: The swipe gesture allows you to navigate between various pages of a Lumira document. Swiping to the left takes you to the next page and swiping to the right takes you to the previous page.
• Pinch and zoom gesture: You can get details of scrollable visualizations in-depth while interacting with the Lumira document on mobile.

**Note**
The following features are supported in explore mode:
- Filters
- Exclude option
- Dynamic filters
- Drill option

6.11 How do I use the page control at the bottom of the page?

In order to switch between the various pages of a Lumira document, you must scrub over or tap the dots at the bottom of the page.

6.12 How do I open Lumira documents?

You can open Lumira documents using the following:
- Open Document links
- SAP BI links

6.13 How do I refresh Lumira documents?

You can refresh Lumira documents only if you have refresh rights.

**Note**
If you do not have refresh rights, you cannot view the Refresh button on the toolbar.

For more details on the supported data sources, refer to SAP Lumira, Server for BI Platform User Guide
7 Recommendations for Lumira Visualizations on Mobile Devices

The following recommendations are primarily derived from the performance tests on iPad Air devices:

- **Device Recommendation**: Lumira documents are more responsive in devices having quad core processor and with RAM greater than 1 GB (iPad Air, iPad Air 2, iPad 4).

- **Performance Recommendation**: We recommend that you design the document with a maximum of: two data sources, three stories, six parts each, with data volume of 10M cells.

- **Layout Recommendation**: If you do not prefer not to scroll to see visualizations, we recommend you choose wide screen format to design Lumira documents.

- **Size Recommendations for Charts**: We recommend that chart height be at least 50% of the page, so that the axis labels are clearly visible on the mobile device.

- **Font Recommendation for Hyperlink**: When you create a hyperlink to another Lumira document or an external URL, we recommend a font size of 13 pts and a minimum of ten characters, which enables you to tap on it easily.
How to open Lumira documents from Web Intelligence document?
You can add OpenDoc links to Lumira documents in Web Intelligence documents.

How to open Lumira documents from within a Lumira document?
You can open other Lumira documents by attaching the corresponding OpenDoc link in the hyperlink or pictogram of the Lumira document.

**Note**
Navigating to a specific story or page number of a different Lumira document is not supported in Mobile. Default landing will be the first page of the first story.

How to navigate to a specific page within a story in a Lumira document?
You can navigate to a specific page within the same Lumira document by creating an OpenDoc link to that page.

How to open an external URL from a Lumira document?
You can open external URLs from a Lumira document by attaching the external URL link in the hyperlink of the Lumira document.

What are the different Content Types supported for Opendoc links in a Lumira document?
The Content Types supported for Opendoc links in Lumira document are the following:
- Web Intelligence
- Crystal Reports
- HTML Content (external URL)
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