Product Information
This document applies to IBM Cognos Analytics version 11.0.0 and may also apply to subsequent releases.

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## Contents

**Chapter 1. Getting started in Cognos Analytics**
- Signing in.................................................................................................................. 2
- Search and find content............................................................................................. 2
- Navigation tips........................................................................................................... 3
- Get started video tutorials and samples.................................................................... 4

**Chapter 2. Access permissions**
- Simple and granular access permissions.................................................................. 5
- Setting permissions for content.................................................................................. 6
- Viewing your permissions for content......................................................................... 7
- Viewing your permissions for functions and features.................................................. 7

**Chapter 3. Sources of data**
- Uploading data............................................................................................................ 10
- Creating data sets........................................................................................................ 10

**Chapter 4. Reports**
- Viewing and interacting with reports........................................................................ 13
- Run variations of reports with report views................................................................. 14
- Report versions............................................................................................................ 14
- Subscribing to reports.................................................................................................. 15

**Chapter 5. Dashboards and stories**

**Chapter 6. Managing content**
- Copying or moving entries........................................................................................ 19
- Hiding entries.............................................................................................................. 19
- Sharing and embedding content................................................................................ 20
  - Authentication sample with embedded content...................................................... 20
- Creating custom URLs to display and run Cognos Analytics content......................... 21
  - promptParameters option syntax............................................................................ 23
- Creating URLs to other sites...................................................................................... 24
- Setting properties for entries...................................................................................... 25

**Chapter 7. Managing schedules**
- Scheduling an entry.................................................................................................... 27
- Using jobs to schedule multiple entries...................................................................... 27

**Chapter 8. Personal settings**
- Notifications............................................................................................................... 31
- My schedules and subscriptions................................................................................ 31
- My preferences........................................................................................................... 31
  - Language settings.................................................................................................... 32
  - Turn UI hints on........................................................................................................ 32
  - Setting the default format for report runs................................................................. 32
  - Credentials............................................................................................................... 32
  - Setting logging levels............................................................................................... 33

**Chapter 9. Integrating with other Cognos products**

---

### Navigation tips
- Find content
- Navigation tips
- Learn more

### Search and find content
- Search for content
- Search for folders
- Search for folders using advanced search
- Search for reports using advanced search

### Signing in
- Sign in to your Cognos Analytics environment
- Remember to sign in when prompted
- Use security best practices

### Setting permissions for content
- Setting simple access permissions
- Setting granular access permissions
- Setting permissions for functions and features

### Viewing your permissions for content
- Viewing simple access permissions
- Viewing granular access permissions
- Viewing permissions for functions and features

### Viewing your permissions for functions and features
- Viewing permissions for security settings
- Viewing permissions for user roles and groups
- Viewing permissions for users and groups

### Using jobs to schedule multiple entries
- Creating jobs to schedule multiple entries
- Managing jobs to schedule multiple entries
- Deleting jobs to schedule multiple entries

### Setting properties for entries
- Setting properties for security settings
- Setting properties for user roles and groups
- Setting properties for users and groups

### Subscribing to reports
- Subscribing to reports
- Managing subscriptions
- Deleting subscriptions

### Creating custom URLs to display and run Cognos Analytics content
- Creating custom URLs to display and run reports
- Creating custom URLs to display and run dashboards

### Setting logging levels
- Setting logging levels for Cognos Analytics environment
- Monitoring logging levels for Cognos Analytics environment

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iii
IBM® Cognos® Analytics integrates reporting, modeling, analysis, dashboards, stories, and event management so that you can understand your organization data, and make effective business decisions.

After the software is installed and configured, administrators set up security and manage data sources. You can get started yourself by uploading local files and applying visualizations in dashboards or stories. For enterprise-level data, modelers are next in the workflow. After data modules and packages are available, report authors can then create reports for business users and analysts. Administrators maintain the system on an ongoing basis.

Whether you’re an analyst, report author, data modeler, or an administrator, you start by signing in to the Welcome portal from your desktop or mobile device. There are coach marks in the user interface to help you discover what's where.

For links to videos, getting started resources, expert blogs, events, and more, you can visit the IBM Cognos Analytics community (www.ibm.com/communities/analytics/cognos-analytics/).

If you want to start with video tutorials and sample data, see “Get started video tutorials and samples” on page 4.

Depending on the work you do, you use different areas of the user interface. IBM Cognos Analytics capabilities control access to the different areas of the interface, and you see only those interfaces that you work with.

Welcome portal
- Search for content in Team content, My content, or Recent lists; open reports, dashboards, stories and other items; upload files, check your notifications, set your preferences and home page, and review your schedules and subscriptions.
- Delete, copy, move, edit or run entries such as reports.
- Create report views for reports without opening the Reporting component.
- Create shortcuts to reports, dashboards, stories, or data modules.
- Set access permissions.
- Start creating new content such as reports, dashboards, or stories by tapping New.

Reporting
- Create and edit a wide range of professional reports. Use templates or customize your reports with prompts, bursting, advanced charts and visualizations.
- You enter the IBM Cognos Analytics - Reporting user interface from the Cognos Analytics portal by opening an existing report from Team content or My content, or by tapping New, and then tapping Report.
- For more information, see the Cognos Analytics Reporting Guide.

Dashboards and stories
- View, monitor, and communicate data insights and analysis with dashboards or stories. You can assemble a view that contains visualizations such as graphs, charts, plots, tables, maps, or any other visual representation of data. Enrich dashboards and stories with web pages and other content.
- You enter the IBM Cognos Analytics dashboards or stories user interface from the Cognos Analytics portal by opening an existing dashboard from Team content or My content, or by tapping New, and then tapping Dashboard or Story.
- For more information, see the Cognos Analytics Dashboards and Stories User Guide.

Data modeling
- Modelers and administrators create data modules and packages and make them available to users for use with reports, dashboards, and stories. You can use the IBM Cognos Analytics web modeling tool
to quickly create data modules from various sources, such as data servers, uploaded files, and previously saved data modules. The tool is intent-driven and generates a base module by using keywords that you define.

You enter the IBM Cognos Analytics web modeling user interface from the Cognos Analytics portal by opening an existing data module from **Team content** or **My content**, or by tapping **New**, and then tapping **Data module**.

For more information, see the **Cognos Analytics Data Modeling Guide**.

**Manage and administer**

Create and manage accounts (users, groups, and roles), schedules, or data server connections. Perform configuration tasks, and customize the product experience and user interface.

You enter the IBM Cognos Analytics administration user interface from the Cognos Analytics portal by tapping **Manage**, and then selecting the tabs that represent the different administration areas, such as **Data server connections** or **Configuration**. To access the legacy administration tool for more options, tap **Administration console**.

Changes that you make in either the **Manage** interface or the **Administration console** affect both interfaces.

For more information, see **Cognos Analytics Managing Guide** and the **Cognos Analytics Administration and Security Guide**.

**Signing in**

IBM Cognos Analytics supports authenticated and anonymous user access. To use the application as an authenticated user, you must successfully sign in.

To sign in, you must provide your credentials, such as user ID and password, as required by your organization. Anonymous users do not sign in.

If multiple namespaces are configured for your Cognos Analytics environment, you can sign in to the different namespaces in the same session. Each namespace requires its own credentials.

**Procedure**

1. In the login page, select the namespace that you want to sign in to.
2. Type your user ID and password, and tap **Sign in**.
   
   Your session starts.
3. To sign in to a different namespace in the same session, from the personal menu ( altında) in the application toolbar, tap **Sign in** again.

**What to do next**

You sign out to end your session. Even if you used multiple namespaces in the session, you sign out only once. To sign out, from the personal menu ( altında) in the application toolbar, tap **Sign out**. If you close your web browser without signing out, your session ends.

**Search and find content**

You can find IBM Cognos Analytics reports, dashboards, stories, data, files, folders, packages and other items by opening your **My content** or **Team content** folders or by checking your **Recent** list. But **Search** is a quick, easy way to find your items.
To find items, type keywords and tap the Enter key. You can also search for text including table or column labels, XML report specifications, URL items, shortcuts, templates, and more. Search doesn't return results for content that's archived, but you can access archived content from a report that's listed in one of your folders.

**Narrow your search with filters**

If your search returns too many results, you can tap the filter icon and select the options you want. The filter option is only available after you do an initial search.

**Save searches**

After you search and the results are listed, you can save your search. The save option is only available after you search.

**Team content**

Your organization content is in the Team content folder. This is where you find reports, packages, dashboards, stories, models, and more. Items in Team content are organized in folders so searching with keywords is an easy way to find what you're looking for.

**Tip:** Items listed in Team content may have different menu options when compared to the same items found during a search. For example, right-clicking a report in Team content displays a Copy or move option, which is not available for the same report when found during a search.

**My content**

This folder is your private area, and only you can see the content that's stored there.

**View report output versions and archived versions**

For a report in a list, tap **Run as** and then tap the View versions icon.

**Navigation tips**

Tapping around in the IBM Cognos Analytics user interface helps you discover how things work. Here are a few navigation tips to speed your discovery.

**Run a report from the My content or Team content list**

Tap the name of a report or tap the context menu icon for the Run as option.
Select entries in lists
Tap the entry icon or tap the space beside the entry name.

Add a folder to My content or Team content
Open My content or Team content, and tap the new folder icon in the toolbar.

Navigate between different views
You can have multiple entries, such as folders, reports, dashboards, that are opened. The welcome menu in the application bar provides a convenient way to navigate between the different, open views.

Get started video tutorials and samples
If your administrator installs and configures the samples that are available with IBM Cognos Analytics, you can experiment with sample data, metrics, and report templates.

If you're a beginning user, as part of the base samples, there are Get started tutorials with samples (including data), videos, and written procedures to guide you through creating your first reports, active reports, dashboards and stories.

These Get started samples and the sample data are in Team content, in the Get started folder. The Data folder includes Microsoft Excel files that were uploaded and saved for you to use with the Get started tutorials. The Version 11.0.x base samples report is added only to inform you about the version of IBM Cognos Analytics that these samples are included with. To complete the tutorials, open the samples to see the finished product, then click the link beside this icon to watch the tutorial video. (For the dashboard samples, the video link is embedded).

For more information, see the IBM Cognos Analytics Samples Guide.
Chapter 2. Access permissions

Access permissions are used to secure the organization's data.

Your administrator adds you to the groups and roles that have the capabilities and permissions you need to work with secured functions, features, and your organization's content. For example, report authors typically have access to the reporting, but not the managing part of the user interface. Members of the report author role have Write permission on a report, but members of a sales group might have only Run permission for the same report.

If you want to see what you are permitted to do with a specific report or other entry, see “Viewing your permissions for content” on page 7.

If you lack sufficient access permissions for an item, item owners or users with more extensive access permissions can authorize you to use their credentials. For more information, see “Managing your credentials” on page 33.

For information on administering user access to groups, roles, and capabilities, see the IBM Cognos Analytics Managing Guide.

Simple and granular access permissions

Access permissions determine a user’s ability to perform a specific action, or access a feature or object.

Permissions for a specific user are a combination of permissions for that user and permissions for the groups and roles where the user is a member. When a user is a member of more than one group or role, deny permissions for one group or role take precedence over grant permissions for a different group or role.

Users have Read, Run, Write, and Full permissions for items. These simple permissions represent combinations of more granular permissions that administrators use to control access.

Simple permissions mapped to granular permissions

The following simple permissions include combinations of granular permissions:

Read

Includes the read and traverse granular permissions.

Run

Includes the read, execute, and traverse granular permissions.

Write

Includes the read, write, execute, and traverse granular permissions.

Full

Includes the read, write, execute, traverse, and set policy granular permissions.

Granular permissions and permitted actions

The underlying, granular permissions are described in the following list:

Read

View all the properties of an entry, including the report specification and report output.

Note: To run a report with full interactivity, a user must have read permissions on the package or data model that is referenced in the report. For more information about the actions you can do in a report
that runs with full interactivity, see “Limited and fully interactive reports” in the *IBM Cognos Analytics Reporting User Guide*.

Create a shortcut to an entry.

**Write**

- Modify properties of an entry.
- Delete an entry.
- Create entries in a container, such as a package or a folder.
- Modify the report specification for reports created in Reporting and Query Studio.
- Create new outputs for a report.

**Execute**

- Process an entry.
  - For entries such as reports, agents, and metrics, the user can run the entry.
  - For data sources, connections, and signons, the entries can be used to retrieve data from a data provider. The user cannot read the database information directly. The report server can access the database information on behalf of the user to process a request. IBM Cognos software verifies whether users have execute permissions for an entry before they can use the entry.
  - For credentials, users can permit someone else to use their credentials. To use the run as the owner report option, a user must have execute permissions for the account.

**Set policy**

- Read and modify the security settings for an entry.

**Traverse**

- View the contents of a container entry, such as a package or a folder, and view general properties of the container itself without full access to the content.

### Setting permissions for content

Set access permissions to specify which users, groups, or roles can access your content.

**About this task**

You can set permissions for content that you own, such as reports, dashboards, stories, packages, and so on. Permissions can be granted, denied, or set as default.

**Note:** A value of *Default* means that permission is neither granted nor denied.

For information about the types of permissions that you can specify for entries, see “Simple and granular access permissions” on page 5.

When you set access permissions, you can reference both authentication provider users, groups, and roles, and Cognos groups and roles. However, if you plan to deploy your application in the future, we recommend that you use only the Cognos groups and roles to simplify the process.

**Procedure**

1. In *Team content* or *My content*, find your entry, and from its context menu, tap *Properties*.
2. On the *Permissions* tab, select the check box *Override parent permissions*, and tap the add icon.
3. Open the namespace that contains the users, groups, or roles for which you want to specify permissions for the entry. To quickly find the entries, click the search icon, or click the filter icon to narrow the view of entries within the namespace.
4. Select the users, groups, or roles that you need. You can control-select multiple entries. Tap Add. The selected users, groups, or roles are added to the security policy of your entry with the basic permission Read.

5. To change the permission to Run, Write, or Full, tap the set access icon, and change the permission.

6. Tap on the permission name to view the granular permissions that this permission is comprised of. To change the granular permissions, tap the set access icon for a permission, and change the access type to Grant, Deny, or Default.

7. If you want the children entries inherit the same permissions, select the Apply to all children check box.

8. Tap Apply.

**Viewing your permissions for content**

To secure IBM Cognos Analytics content, administrators assign permissions. You can check your permissions for a report or another entry in the properties for the entry.

**About this task**

The Read, Run, Write, and Full permissions represent groupings of more granular permissions that administrators assign. For more information, see “Simple and granular access permissions” on page 5.

**Procedure**

1. For an entry in a list, tap the context menu, and then tap Properties.
2. On the General tab, tap Advanced. You see the Permission property and your permission value for the entry.

**Viewing your permissions for functions and features**

As a user or member of a group or role, you are assigned the capabilities that you need to work with different IBM Cognos Analytics functions and features.

**About this task**

If you are missing a capability that you require, contact your administrator. To see what groups and roles and what capabilities are available with your sign-in credentials, follow these steps:

**Procedure**

1. Tap your personal menu, then tap My preferences > Personal > Advanced.
2. Tap View details for either Groups and roles or My capabilities.
Chapter 3. Sources of data

To create and run reports, dashboards, and stories, you need data. This data might be made available to you by an administrator who creates packages or data modules, or you could upload your own data.

You can use packages, data modules, uploaded files, and data sets as sources of data for your IBM Cognos applications.

Packages

A package is a subset of a model, which can be the whole model, that is made available to the IBM Cognos Analytics application.

Relational packages are created in IBM Cognos Framework Manager, and OLAP packages in IBM Cognos Cube Designer and in IBM Cognos Administration. For more information, see the chapter on publishing packages in the IBM Cognos Framework Manager User Guide.

Not all types of packages can be used in all Cognos Analytics components. Only Reporting can use all types of packages traditionally supported in earlier versions of Cognos Analytics.

For dashboards and stories, the following packages are supported:

- Relational, dynamic query mode packages.
- Relational, compatible query mode packages if there is a JDBC connection defined for each data source in the package.
- Dimensional OLAP packages that are based on PowerCubes, dynamic cubes, TM1 data sources, dimensionally modeled relational (DMR) data sources, and other data sources.

The modeling component supports only relational, dynamic query mode packages as sources for data modules.

Data modules

Data modules contain data from data servers, uploaded files, data sets, other data modules, and from relational, dynamic query mode packages. Data modules are created in the modeling component in IBM Cognos Analytics, and saved in My content or Team content. You can use multiple input sources for a single data module.

For more information, see the IBM Cognos Analytics Data Modeling Guide.

Uploaded files

Uploaded files contain data that are stored on the IBM Cognos Analytics server in a columnar format.

Only certain types of files can be uploaded. Supported file formats include Microsoft Excel (.xlsx and .xls) spreadsheets, and text files with comma-separated, tab-separated, semi colon-separated, or pipe-separated values.

By default, you can upload data files of up to 100 MB from your local drive. If you want to upload a workbook, remember that only the first sheet in a Microsoft Excel workbook is uploaded. If you want to upload the data from multiple sheets in a workbook, you must save the sheets as separate workbooks. After you upload files, they can be used as a source to create a data module.

The uploaded files are automatically saved in My content. Later, you can copy or move them to a folder or package in Team content.

For more information, see “Uploading data” on page 10.
Data sets

Data sets are customized collections of items that you use frequently. As you make updates to your data set, the dashboards and stories that use the data set are also kept up-to-date the next time you run them.

Data sets can be created from packages or data modules. You can use data sets to create dashboards or stories.

It is also possible to use a data set to create a data module. You can start with a data set and extend it by creating a data module from it. For example, you can add calculations and multiple additional data sources. For more information, see the IBM Cognos Analytics Data Modeling Guide.

For more information, see “Creating data sets” on page 10.

Uploading data

If you want to do some quick analysis and visualizations with data files, you can upload them to IBM Cognos Analytics yourself and use them in dashboards and stories. Uploaded files are also used as sources for data modules.

You can upload simple data files of up to 100 MB from your local drive. Administrators can increase the file size limit, but must be aware of file upload size limits for browsers. The data must be in columnar form - no pivot tables or crosstabs.

Uploading files

Use the Upload files facility to upload the files. To upload a file, tap Upload files, tap the file, and then tap Open. After the file is loaded, you can select the columns that appear. You can also designate which columns are measures. You do this by tapping or the column label. Measures contain numerical data, such as sales figures or the number of items in inventory.

Updating uploaded files

Find the file in My content or Team content, tap file context menu and then tap Update file.

Using data from uploaded files in Reporting

You can use files that you upload in dashboards, stories, and data modules, but not in Reporting. To use the data in Reporting, the file that contains the data can be uploaded and incorporated into a data module. For more information, see the IBM Cognos Analytics Data Modeling Guide.

Creating data sets

Create a data set to group a customized collection of items that you use frequently.

Data sets can be created from packages or data modules.

Procedure

1. Navigate to a package or data module in Team content or My content.

2. From the package or data module context menu tap Create data set.

3. Drag the data items from the source pane to the data set editor pane. The items appear as columnar data in a similar fashion to a list report.

4. For relational data or data modules, select the Summarize detailed values, suppressing duplicates check box.
If you are not sure if this check box should be selected, clear the check box to see how the data is aggregated in the edit window. Condensed data that is set into fewer rows usually leads to better performing reports and dashboards. A reason for not aggregating the data in your data set is that you lose some details in the process, and the data from one system might not match the data from another system. This is especially true for calculations, such as an average.

5. To add filters to the columns or individual items of the data set, tap the item and then tap [ ]. You can add a customized filter or use one of the preset options.

6. For data with prompts, tap Reprompt to choose values or enter different values.

7. If your data set is very large, you can tap the Page views icon [ ] and toggle between the two settings:
   - Tap Page design to avoid delays in data retrieval.
   - Tap Page preview when you want to see the refreshed data.

8. After you are done adding columns, tap the save icon [ ].
   - To save the data set for the first time or to save changes to the data set, from the drop-down list tap Save. This option saves the metadata, but does not load the data. Depending on the data set, loading data may take some time.
   - To save an updated data set to a new data set, from the drop-down list tap Save as. This option saves the metadata, but does not load the data. Depending on the data set, loading data may take some time.
   - To save the data set and load the data, from the drop-down list tap Save and load data. In addition to saving new or changed metadata, this option loads data. This data is immediately available when you use it in the creation of a dashboard or story.

9. In the Save as window, choose where to save the data set. In the Save as box, type a name, and then tap Save.

10. Optional: To create a data set while building a dashboard, perform the following steps:
    a) Create a new dashboard, choose a template, and tap OK.
    b) Tap [ ] to add some data.
    c) Navigate to a package by tapping Team content, and then tap Open.
    d) The Create data set window appears. You can create a new data set and after you save it, you can continue to build your dashboard.
        If you need to modify the data set, you can also do that from within the dashboard by expanding the data sources.

What to do next

If a data set is based on a package with multiple connections or signons, the connection or signon that you choose is saved with the data set. If the package connection information changes later, users might see the ambiguous connection message. To avoid this message, edit the data set, choosing the connection or signon that you want, and save the data set using the Save as option. Select yes when asked whether you want to overwrite the data set. The data set is saved with this information and its subsequent refreshes use the same information.
Chapter 4. Reports

IBM Cognos Analytics standard and active reports are created in the IBM Cognos Analytics - Reporting component.

After a report is saved in the portal, you can view, run, or edit it. You can view report outputs in various formats and languages. You can also distribute the report by email or by bursting, or send it to mobile devices. Reports can also be scheduled to run at regular time intervals.

For information about managing reports, see Chapter 6, “Managing content,” on page 19.

Viewing and interacting with reports

You search and find an IBM Cognos Analytics report in the Team content or My content folder, and then you can open it or run it.

The report opens in a viewer. You now have different options, such as subscribe, save as a report view, edit in reporting, and more. The available options depend on the type of report that you view. When a report runs in the interactive viewer, you also have options to see different data in the report by filtering, drilling up and down, and more.

Choose the options that best suit your needs for viewing frequency and personalization. If you want to see a report on a regular basis, subscribe to it. If it’s really important, you can set it as your home page. If you entered prompt and parameter values and you want to save those so you don’t have to enter them every time, save the report as a report view. If you choose to edit, the report opens in Reporting with all the tools you need. For more information, see The user interface in IBM Cognos Analytics Reporting User Guide.

Depending on the report type, the appropriate actions are available in the viewer:

- **Subscribe.** Delivers reports with your prompt values and options.
- **Save as report view.** Saves your prompt values and options in a view.
- **Set as home.**
- **Edit.** Opens Reporting.
- **Run as.** Choose the output format.
- **Save** and **Save as.**

If you view saved report output, and you want to be alerted when there's a new version of the report, tap Notify me.

You can find entries in Team content by searching, and by viewing the Recent items list. But you can also save and organize your items in My content, which is useful for saving report views with your custom prompts or for saving report output versions.

When a report runs in the interactive viewer, the following options are available in the toolbar that appears when you select a report object:

- **Sort data.**
- **In lists, group data.**
- **Summarize data.**
- **Convert a list or crosstab to a chart, or change a chart to a different chart type.**
- **In crosstabs and charts, suppress columns or rows** or swap columns and rows.
• Drill through to another report.

• **11.0.5** Add calculated members.

• **11.0.5** Drill up, drill down, and perform dimensional operations, such as top/bottom filtering.

• **11.0.5** Run the report as Excel or CSV output.

• **11.0.5** Select and interact with the elements of a chart, such as the bars in a bar chart.

• **11.0.6** View lineage information for a data item.

• **11.0.6** Access a business glossary, such as the IBM InfoSphere® Information Governance Catalog, for a data item.

• **11.0.6** Create, edit or remove filters.

• **11.0.6** Share or embed report output, preserving the context of the current view of the report, such as prompt values.

To share or embed report output, click the More icon and then click Share or Embed.

• **11.0.6** Run a report as the report owner or with the capabilities granted to the owner.

In the Cognos Analytics portal, access the Properties slideout of the report, click the Report tab, and then open the Advanced section.

### Run variations of reports with report views

If you want to run an existing IBM Cognos Analytics report with different prompt values, schedules, delivery methods, run options, languages, or output formats, you can create a report view. Creating a report view does not change the original report.

To create a report view, run a report using the prompt values or other run options that you want and in the save options, select **Save as report view**. Your prompt values and run options are saved in the view. If you want to edit the prompt values for the report view, open the report view properties panel.

You can also create a report view in My content or Team content. Tap the context menu next to a report, and then tap **Create report view**.

In the properties panel for the report view, you can see a link to the source report. If the source report is moved to another location, the report view link is maintained. If the source report is deleted, the report view link breaks.

### Report versions

If you run IBM Cognos Analytics reports, you see the latest data from the source. But often you view report versions and outputs, such as when a report you subscribe to is delivered. Report outputs are generated by subscriptions, schedules, multiple formats or languages, bursting, and delivery methods that include save, print, and email.

In many instances, you are notified and receive a link to view report output, but you can also view saved and archived versions for reports in your content lists.

**View report versions and archived versions**

For a report in a content list, tap and then tap **View versions**.
Save a report version

In the application bar, when you view a report, tap either , or . The location of the save option depends on the type of report you view.

You also have the Save as option of saving the report version under a different name or in a different location.

Delete saved outputs for report versions

For a report in a content list, tap . Tap View versions, tap an entry in the list, and then tap the delete icon. Deleting removes all saved output formats for the version.

Versions

Figure 2: Delete saved output for a report version

Subscribing to reports

If you use an IBM Cognos Analytics report regularly, you can subscribe to it. When you subscribe, you pick the time, date, format, and where you want it delivered. When you subscribe to a report, the subscription includes all your prompt and parameter values.

About this task

The subscription option is available when you run and view a report, but not when you are in editing mode or when you view saved output. If you edit a report, you must save it before you can subscribe.

After you subscribe, each time your report is delivered, you are notified. In the Welcome portal, tap Notifications, and find a message with a link to view the report output.

Procedure

1. Run a report.

2. In the application bar, tap and then tap the Subscribe icon.

3. Select your subscription options, and then tap Create.

   Your subscription is created. To view and modify your subscriptions, tap your user name, and then tap My subscriptions.
Chapter 5. Dashboards and stories

IBM Cognos Analytics provides dashboards and stories to communicate your insights and analysis. You can assemble a view that contains visualizations, such as a graph, chart, plot, table, map, or any other visual representation of data. You can customize a dashboard, story, or visualization by changing its visual properties.

Dashboards

A dashboard helps you to monitor events or activities at a glance by providing key insights and analysis about your data on one or more pages or screens. You can explore the data that is shown in a visualization by using the interactive title, drilling up or down columns, and viewing the details of a data point.

You can change the visualization type or change the columns that are used in the visualization. You can use filters to focus on one area of your data or to see the impact of one column, and you can use calculations to answer questions that cannot be answered by the source columns.

For information about managing dashboards, see Chapter 6, “Managing content,” on page 19.

Stories

A story is a type of view that contains a set of scenes that are displayed in sequence over time. Types of stories include slide show and guided journey.

Stories are similar to dashboards because they also use visualizations to share your insights. Stories differ from dashboards because they provide an over-time narrative and can convey a conclusion or recommendation.

For example, each slide in a story contains an analysis, insight, or piece of information that is revealed as the viewer runs a slide show. The slides build upon each other until the final slide, which provides a conclusion or summary. You can also create the effect of animation by having visualizations and objects appear and disappear during a scene in a story.

You can quickly assemble a story by reusing analysis, insights, and visualizations that you set aside in your collection of pins. You can also add new visualizations, media, web pages, images, shapes, and text to your story.

For information about managing stories, see Chapter 6, “Managing content,” on page 19.
Chapter 6. Managing content

The IBM Cognos Analytics content includes reports, report views, dashboards, stories, packages, uploaded files, folders, URLs, shortcuts, and so on.

Tip: To simplify the documentation process, the content items are often referred to as entries.

To organize and manage the content, you can create a folder hierarchy for entries. You can move, copy, disable, or delete the entries. You can also hide an entry to prevent it from unnecessary use, share the entry with other users, or embed it in a custom website.

Copying or moving entries

When you create a copy of an entry, you create a replica of that entry in another location in the portal. When you move an entry, you remove it from the current folder and place it in another folder. When you copy and move entries, the IDs and links are either maintained or overwritten.

If you copy or move a report from one folder to another, the report retains its ID and any links, including the link to the associated package. However, when you overwrite an existing entry, the link behavior depends on whether you copy or move the entry.

• If you copy and overwrite an existing entry, the copied entry ID and links replace those of the existing entry. In this case, you might need to update links, such as links to job schedules for reports.
• If you move and overwrite an existing entry, the existing entry ID and links are maintained. In this case, references to the moved entry are broken.

About this task

You must have read permissions for the entry that you are attempting to copy or move. You must also have traverse permissions for the current folder, and write and traverse permissions for the target folder.

Procedure

1. From the entry context menu, tap Copy or move.
2. Locate the target folder, and tap Copy to.

Hiding entries

To prevent unnecessary use of IBM Cognos Analytics items, such as reports, packages, folders, jobs, or data servers, you have the option of hiding them. This is especially important for drill-through reports that can waste system resources when they are run unnecessarily.

To hide an entry, open its context menu and tap Properties. On the General tab, open the Advanced section, and select the Hide this entry check box.

To show hidden entries in your content lists, tap your user name icon in the application bar, and then tap My preferences. On the General tab, select the Show hidden entries check box.

Hidden entries are visible, but faded in the following parts of the user interface:

• Search results.
• Properties panel, Permissions tab.
• Personal tabs.
• Job steps that refer to hidden entries already in a job.
• Agent tasks that refer to hidden entries already in an agent.
• Details in a report run history.

The following rules apply to hidden entries:

• A hidden report is accessible as a drill-through target. Drill-through targets include parameter values to avoid resource-intensive query operations. However, users still require appropriate permissions to use this target report in a drill-through activity.

• A hidden drill-through definition is not displayed in the Go To page if the user interface does not show hidden entries.

• A visible shortcut can point to a hidden entry. If the shortcut points to a hidden folder, any hidden entries in the folder are not visible.

**Sharing and embedding content**

You can share IBM Cognos Analytics content objects with other users.

You can share content objects, such as reports and dashboards, with a URL that opens the content object directly, instead of having to browse to the content object from the Cognos Analytics welcome screen. You can also embed Cognos Analytics content objects (except for data modules) in customized web pages. An embedded content object does not display the application or navigation bars.

**Tip:** Embed is not available for data modules.

**Procedure**

You can share and embed content objects in two different ways.

• In Team Content or My Content, browse to the object, click More, and then click Share or Embed.

• 11.0.6. You can share or embed a report, dashboard, or story that is open. To do this, click More on the application bar, and then click Share or Embed.

A dialog box opens that displays a URL for Share, or an HTML iFrame element for Embed.

**Results**

You can now provide a Share URL to other users that allow them to open the content object directly. You can add the Embed element to a web page to display the content object.

If you use the URL in an HTML item in a report, replace instances of & with &amp;.

You can also modify the URL to perform other actions, such as opening a report for editing instead or running the report, or changing the output format of the report. For more information, see “Creating custom URLs to display and run Cognos Analytics content” on page 21.

**Authentication sample with embedded content**

11.0.5 The embedded content sample shows how to use the IBM Cognos Analytics REST API to sign in a user and then display embedded content.

**Procedure**

1. Copy the embedded_content folder from the <installation_location>\samples folder to the <installation_location>\webcontent folder.

2. Open the \webcontent\embedded_content\preLoginSample.html file in a text editor, and locate the <select> element:

```html
<select size="1" name="namespace">
  <option value="CognosEx">CognosEx (Example)</option>
  <option value="LDAP">LDAP (Example)</option>
</select>
```

20 IBM Cognos Analytics Version 11.0.0 : Getting Started User Guide
3. For any of the configured namespaces that you want to see as a selection in the login page, define the `<option>` element within the `<select>` element, using the following syntax:

```html
<option value="namespace_ID">namespace_name</option>
```

The `namespace_ID` corresponds to the **Namespace ID** property, as defined for the namespace in Cognos Configuration, under **Security > Authentication**. The `namespace_name` can be any word; however, the name defined in Cognos Configuration is preferred.

4. Open the `\webcontent\embedded_content\iFrameSample.html` file, and replace the `iFrame` objects with `Embed` iFrame objects from your Cognos Analytics installation.

5. In a web browser, type `http://<server_name>:<port>/embedded_content/preLoginSample.html`

**Results**

A sign-in web page is displayed. After you sign in, the embedded content objects are shown.

---

**Creating custom URLs to display and run Cognos Analytics content**

**11.0.5** You can create URLs that open or run IBM Cognos Analytics content objects, such as reports, dashboards, stories, and data modules. This feature extends the **Share** command that creates a URL to display Cognos Analytics content objects to provide more control over the actions that are taken when the content object is displayed or run.

The Share command that is described in “Sharing and embedding content” on page 20 provides a simple way to create a URL that opens and runs Cognos Analytics content objects. You can create these URLs if you require more control over the actions invoked by them.

**11.0.6** The following report types are supported in custom URLs: standard reports, report views, active reports, data sets, Query Studio reports, Analysis Studio reports, and their saved outputs.

**11.0.6** If the content object is a report that has saved output, the saved output is displayed if it exists. Otherwise, the report is run. If the content object is saved output, it is displayed. An error message is displayed if the saved output has been deleted.

**11.0.7** Ability to specify login parameters in the URL.

**Syntax**

**11.0.6** The syntax of the custom URLs takes one of the following two forms.

- `http://<servername>:<port>/bi/?pathRef=<path>&<option1>=<value1>&<option2>=<value2>...`
- `http://<servername>:<port>/bi/?objRef=<id>&<option1>=<value1>&<option2>=<value2>...`

`pathRef` or `objRef` identify the content object to use.

**pathRef**

Specifies the location of the object. This value does not change if the version of Cognos Analytics is changed or if the object is exported or imported in a deployment.

The easiest way to determine the value of `pathRef` is to create a URL by using the **Share** command. This URL contains the value of `pathRef`.

**objRef**

Specifies the id of the object. This value does not change if the content object is moved to a different location in **My content** or **Team content**.

The value of `objRef` is the **ID** value in the properties pane of the object.
A number of optional options can be appended to the URL. The following two options can be used in any perspective.

**ui_appbar**
- Specifies whether to display the Application bar (true) or not (false). The default value is true.

**ui_navbar**
- Specifies whether to display the Navigation bar (true) or not (false). The default value is true.

The following options can be used if the content object is a report..

**action**
- Specifies run to run a report or edit to author a report. edit can only be used in the authoring perspective. The default value is run.

**format**
- When running a report, specifies the output format. The possible values are HTML and PDF. In the classicviewer perspective, the following values are also supported: xlsxData, CSV, spreadsheetML, layoutDataXML, XLWA, rawXML, XHTML, singleXLS, and HTMLFragment. The default value is HTML.
- To use the classicviewer perspective, the option perspective=classicviewer must be included in the URL. For example, http://<servername>:<port>/bi/?perspective=classicviewer&pathRef=<path>&<option1>=<value1>&<option2>=<value2>...

**ally**
- When running a report, specifies whether to include accessibility features (true) or not (false). The default value is false.

**bidi**
- When running a report, specifies whether to enable bidirectional support (true) or not (false). The default value is false.

**prompt**
- When running a report, specifies whether to show the prompt page (true) or not (false). The default value is false.

**p_<prompt_name>**
- When running a report, specifies the value to use for the prompt named <prompt_name>.

**promptParameters**
- When running a report, specifies prompt parameters as a JavaScript Object Notation (JSON) object. You to pass more complex prompts to use when you run a report. For more information, see “promptParameters option syntax” on page 23.

- The easiest way to create a custom URL is to use the Share command for the content object that you want to create a custom URL for, and then to modify the options in this URL.
- Custom URLs can be long and your Cognos Analytics server environment might impose a length limit on the query portion of the URL You can work around this limitation by using the URL fragment identifier (#) in the URL. Here are some examples.
  - http://<servername>:<port>/bi/
    #pathRef=<path>&<option1>=<value1>&<option2>=<value2>...
  - http://<servername>:<port>/bi/?pathRef=<path>&<option1>=<value1>&#option2=<value2>...
- If your Cognos Analytics server requires user authentication, a sign-in view is displayed when you run a custom URL in a web browser. For information on some ways to handle the authentication issue, see “Sharing and embedding content ” on page 20.
- If you use a custom URL in an HTML item in a report, replace instances of & with &amp;.
**Note:** You can either specify a URL or use the HTTP POST method to send the options to the Cognos Analytics server. However, you must specify all parameters using the same method: either URL or HTTP POST.

### Example

The following example uses the HTTP POST method to specify a customized URL.

```html
<html>
<body>
<div class="accordion">
  <div class="submit">
    <form method="POST" id="cognosPost" accept-charset="UTF-8" action="http://
cognos_analytics_server_IP_address:9300/bi/">
      <input type="hidden" name="pathRef" value=".public_folders/folder1/report1"
             style="display: none">
      <input type="hidden" name="promptParameters" id="promptParameters"
             value='{"name":"p_Line","value":{"use":"Camping Equipment"}}' style="display:
             none">
      <input type="hidden" name="format" value="HTML" style="display: none">
      <input type="hidden" name="Download" value="false" style="display: none">
      <input type="submit" name="btn" value="Run report with Camping Equipment">
    </form>
  </div>
</div>
</body>
</html>
```

### promptParameters option syntax

**11.0.5** You can use the `promptParameters` option to pass complex prompt values for use when you run a report. The prompt values are contained in a JavaScript Object Notation (JSON) object.

#### Syntax

The syntax of the `promptParameters` option is `promptParameters=[{{<prompt_1>}},
{{<prompt_2>}},...]. The syntax of each prompt value depends on the type of prompt value and are described as follows.

#### Specific values

```
{
  "name": "<prompt_name>",
  "value": [  
    {"use": "<use_value_1>", "display": "<display_value_1>"},
    {"use": "<use_value_2>",
      ...
  ]
```

`<prompt_name>` is the name of the prompt, `<use_value_1>` is the use value, and `<display_value_1>` is the display value. The display value is optional.

#### Bounded range

```
{
  "name": "<prompt_name>",
  "value": [  
    {  
      "boundRange": {  
        "start": {"use": "<use_start_value>", "display": "<display_start_value>"},
        "end": {"use": "<use_end_value>"}
      }
    ]
```

`<prompt_name>` is the name of the prompt, `<use_start_value>` is the lower use value, `<display_start_value>` is the lower display value, and `<use_end_value>` is the upper use value. The display value is optional.
Unbounded start range

```json
{
  "name": "<prompt_name>",
  "value": {
    "unboundedStartRange": {
      "end": {"use": "<use_end_value>", "display": "<display_end_value>"}
    }
  }
}
```

<prompt_name> is the name of the prompt, <use_end_value> is the upper use value, <display_end_value> is the upper display value. The display value is optional.

Unbounded end range

```json
{
  "name": "<prompt_name>",
  "value": {
    "unboundedEndRange": {
      "start": {"use": "<use_start_value>", "display": "<display_start_value>"}
    }
  }
}
```

<prompt_name> is the name of the prompt, <use_start_value> is the lower use value, <display_start_value> is the lower display value. The display value is optional.

Creating URLs to other sites

A URL is a standard way of identifying the location of any external file or website. Create URLs to keep the files and websites you use most frequently at your fingertips. Clicking a URL opens the file or website in the browser.

About this task

The URL must contain a valid server name that is included in the valid domains list, as specified by your administrator. Otherwise, you cannot create the URL.

Administrators maintain the list of valid domains. For more information, see the IBM Cognos Analytics Installation and Configuration Guide.

Procedure

1. Tap Team content or My content, and tap the New icon.
2. Tap URL.
3. In the Name box, type the name for your new URL.
4. If you want, specify the Description and Screen tip.
5. In the URL box, type the URL location.
   - If the URL points to a website address, the protocol must be included. For example, to create a URL for the IBM website, type http://www.ibm.com
   - The URL must use a valid domain, as specified by your administrator. To view a list of acceptable domains, click View acceptable domains.
6. Tap OK.
Setting properties for entries

You can control the way entries appear and behave in IBM Cognos Analytics by modifying their properties.

You can view and set general and advanced properties for reports, folders, dashboards, stories, uploaded files, data modules, and other entries. When you open the properties panel, you see the General tab and the Permissions tab for all entries, and the tabs that are appropriate for the entry you're viewing, such as Report and Schedule for reports.

To open the properties panel for an entry, from its More menu, tap Properties.
Chapter 7. Managing schedules

You can schedule entries to run at a time that is convenient for you or when demands on the system are low. Or you may want to run them at a regular weekly or monthly interval.

To use scheduling, you must have permissions for the Scheduling capability. For more information, see the Managing IBM Cognos Analytics Guide.

Scheduling an entry

You schedule an entry, such as a report or a report view, to run it later or at a recurring date and time.

Only one schedule can be associated with each entry. If you require multiple schedules for a report, you can create report views, and then create a schedule for each view.

You can schedule entries individually, or use jobs to schedule multiple entries at once. Jobs have their own schedules independent from the individual entries schedules. For more information, see “Using jobs to schedule multiple entries” on page 27.

To schedule an entry, you need the permissions that are required to run the entry. For example, to schedule a report or report view, you must have read, write, execute, and traverse permissions for it. To schedule a child report view, you must have execute permissions for the parent report. You also need the required access permissions for any data sources that the entry relies on.

The scheduling options that are available to you depend on your permissions for the Scheduling capability.

For more information, see the Managing IBM Cognos Analytics Guide.

Procedure

1. Tap the entry context menu and then tap Properties.
2. In the Properties pane, tap the Schedule tab, and then tap New.
3. In the Create schedule pane, specify the schedule options.
4. To access some additional scheduling options, tap Classic View. Specify your options, and tap Create.

When you return to the previous view, tap Create again.

The schedule entry appears in the Create schedule page.

What to do next

After you create a schedule, the entry or job runs at the time and date specified. You can then view the schedules and manage them. For more information, see “My schedules and subscriptions” on page 31.

If you no longer need a schedule, you can delete it. You can also disable schedules without losing any of the scheduling details. The schedules can be enabled later.

Using jobs to schedule multiple entries

You can set the same schedule for multiple entries by creating a job. A job identifies a collection of reports, report views, and other jobs that are scheduled together and share the same schedule settings.

When a scheduled job runs, all the entries in the job run.

If a job item is unavailable, you can select a different link by clicking Link to an entry.

Jobs contain steps, which are references to individual reports, jobs, and report views. You can specify whether to run the steps all at once or in sequence.
• When steps are run all at once, all the steps are submitted at the same time. The job is successful when all the steps run successfully. If a step fails, the other steps in the job are unaffected and still run, but the job has a **Failed** status.

• When the steps are run in sequence, you can specify the order in which the steps run. A step is submitted only after the preceding step runs successfully. You can choose to have the job stop or have the other steps continue if a step fails.

You can schedule a job to run at a specific time, on a recurring basis, or based on a trigger, such as a database refresh or an email. For more information about trigger-based entry scheduling, see the *Administration and Security Guide*.

The individual reports, jobs, and report views in steps can also have individual schedules. Run options for individual step entries override run options set for the job. You can set run options for the job that serve as the default for step entries that do not have their own run options.

You can run reports to produce outputs based on the options that you define, such as format, language, and accessibility.

Permissions required to include an entry as part of a job vary depending on the type of entry. The permissions are the same as for scheduling an entry. For more information on scheduling an entry, see “Scheduling an entry” on page 27

**Procedure**

1. In the IBM Cognos Analytics portal, select ![New](image) and then select ![Job](image).
2. Type a name, and if you want, a description and screen tip for the job. Then, select the location in which to save the job, and click ![Next](image).
   
   The **Select the steps** page appears.
3. Click ![Add](image).
4. Select the check boxes for the entries you want to add, and click the arrow button ![→](image). When the entries you want appear in the **Selected entries** box, click ![OK](image).
   
   You can also click ![Search](image), and in the **Search string** box, type the phrase you want to search for. For search options, click ![Edit](image). When you find the entry you want, click the right arrow button to list the entry in the **Selected entries** box and click ![OK](image).

   To remove entries from the **Selected entries** list, select them and click **Remove**. To select all entries in the list, select the check box for the list. To make the user entries visible, click ![Show users in the list](image).
5. If you want to change run options for an individual entry when it runs as part of the job, click the set icon ![✓](image), click **Produce report outputs**, select the **Override the default values box**, make the changes, and click ![OK](image).
   
   To send the report to mobile recipients, select **Send the report to mobile recipients** and click **Select the recipients**.
   
   **Tip:** To return to defaults for individual entries, click the delete button.
6. If you want to refresh the cache for a report when the job runs, click the edit icon next to the report, and then from the **Run the report to** menu, click **Refresh the report cache**. Click **Override the default values**. To accept the displayed language, click ![OK](image). To change the language, click **Select the languages**, select the languages you want, and then click ![OK](image). Click ![OK](image) to accept the displayed languages.
   
   **Tip:** To clear the cache, click the delete button.
7. If you want to create or refresh the cache, click the set icon, click **Refresh the report cache**, select the **Override the default values box**, add languages, if you want, and click ![OK](image).
Tip: To clear the cache, click More next to the report whose cache you want to clear, click Clear the cache, and click OK twice.

8. Under Submission of steps, select whether to submit the steps All at once or In sequence.

If you select In sequence, the steps are executed in the order they appear in the Steps list. If you want the job to continue to run even if one of the steps fails, select the Continue on error check box.

Tip: To change the order, click Modify the sequence, make the changes, and click OK.

9. If you want to specify default run options at the job level, under Defaults for all steps, click Set.

Note that the run options that are available for a job with multiple entries may not apply to every entry. If the option does not apply to an entry, it is ignored.

10. If you want to override defaults, select the category and select the Override the default values check box and select the default options you want for the job and click OK.

11. To save the complete history details for the job steps when the run activity completes successfully, click All from the Run history details level list. Click Limited to save limited run history details for the job. If the job run fails, the complete history details are saved.

The default is All.

12. Select the action you want:

• To run now or later, click Run now or at a later time and click Finish. Specify the time and date for the run. Click Find only or Find and fix, then click Run. Review the run time and click OK.

• To schedule at a recurring time, click Schedule to run at a recurring time and click Finish. Then, select frequency and start and end dates. Click Find only or Find and fix, then click OK.

  Tip: To temporarily disable the schedule, select the Disable the schedule check box. For information about viewing the schedule status, see the Administration and Security guide.

• To save without scheduling or running, click Save only and click Finish.

Results
A job is created and will run at the next scheduled time.
Chapter 8. Personal settings

Use personal settings to customize your IBM Cognos Analytics experience. You can view and edit your personal and regional information, monitor the system activities, set up logging, and so on.

To view or change any of the personal settings, tap the user icon in the application bar. The tool tip on this icon shows your name.

To view notifications about the latest system activities that are applicable to you, tap the notifications icon in the application bar.

Notifications

Notifications help you stay on top of important data. If you subscribe to a report or report view, you are notified every time your subscription is delivered. If you view saved output and you want to know when there’s a new version of the report, you can tap the Notify me button.

The Notify me button is available in the application bar when you view a saved output version of a report. If you request notification and then someone runs that report, you get a notification with a link to the updated version.

When you subscribe, if you choose the Save the report on the system delivery option, you receive a notification with a link to the new report version. To see all your notifications, tap in the navigation bar.

For more information, see “Subscribing to reports” on page 15.

My schedules and subscriptions

You can view all your scheduled activities and subscriptions on the My schedules and subscriptions panel.

You can view a list of your scheduled activities that are current, past, or upcoming on a specific day. You can filter the list so that only the entries that you want appear. A bar chart shows you an overview of daily activities, by hour. If you switch views, you must refresh to see current data. For example, if you switch from Past Activities to Upcoming Activities, you must refresh to see current data in the panes. For more information about managing scheduled activities, see the IBM Cognos Analytics Managing Guide.

You can enable, disable, modify, or delete subscriptions, and view their saved outputs or archived versions. If you view the versions, you can also open the version details panel for information such as the run status, error messages, and run time.

Procedure

1. In the application bar, tap your user name icon, and then tap My schedules and subscriptions.
2. For an entry in the list, tap and then tap the action that you want.

My preferences

You can set up preferences for your IBM Cognos Analytics application.

To set your preferences, tap your user name icon in the application bar, and then tap My preferences.
Language settings
You can select the language that you prefer for the IBM Cognos Analytics user interface. If your data and reports are available in multiple languages, you can also select the language that you prefer for the content. Make your selections in **My preferences**.

To change the language setting, close all your open items first, select the language in **My preferences**, close **My preferences**, and refresh your browser. The new language setting takes effect.

There is also support for bidirectional languages such as Hebrew, Arabic, Urdu, and Farsi. Report authors can control the display of native digits and the direction of text, crosstabs, and charts.

For more information, see the *IBM Cognos Analytics Administration and Security Guide*, and the *IBM Cognos Analytics - Reporting User Guide*.

Turn UI hints on
When you first sign in to IBM Cognos Analytics, you can see hints that help you navigate the user interface. If you turn the hints off, but want to show them again, select the **Show hints** check box in **My preferences**.

Setting the default format for report runs
You can set the default run format for your IBM Cognos Analytics reports.

**Procedure**
1. Tap your user name, then tap **My preferences**.
2. Select the report format that you want.

Credentials
Your credentials are the user name and password that you use to sign in to IBM Cognos Analytics. Your credentials are associated with groups, roles, capabilities, and permissions that determine what parts of the user interface you can access and how you can interact with content.

If you change the password you use to sign in to Cognos Analytics, be sure to renew your credentials. Your saved credentials are used to run scheduled requests when you're not signed in, for example, overnight. Credentials are automatically renewed once a day, but a schedule run can fail, if it runs after you change your password, but before your credentials are automatically renewed.

If you are prompted for credentials when you connect to a data server, you can save your credentials so you aren't prompted for them every time that you use the same data server. Your saved data server credentials are listed in your advanced, personal preferences. You can view and delete listed entries.

To see what groups and roles and what capabilities are available with your sign-in credentials, see “Viewing your permissions for functions and features” on page 7.

Renewing your credentials
Your credentials are renewed automatically once a day or at an interval that is determined by your administrator, but if you change your sign-in password, update your credentials manually.

About this task
It is important to manually renew your credentials when you change your sign-in password, if your credentials are used to run schedules.

**Procedure**
1. Tap your **Personal menu**, then tap **My preferences > Personal > Advanced**.
2. For **Credentials**, tap **Renew**.
Managing your credentials
If you own an entry, you can authorize trusted users to use your credentials when those users lack sufficient access permissions to perform specific tasks. In your personal, advanced preferences, you can view, add to, or delete from the list of groups, users, and roles that are authorized to use your credentials.

About this task
If you want to add groups, users, or roles from multiple namespaces, you can use the type in method described as a choice in step 3.

Procedure
1. Tap your Personal menu, then tap My preferences > Personal > Advanced.
2. For My credentials, tap Manage.
3. To add a group, user or role, tap +, then do one of the following actions:
   • Select a Namespace from the Name list. You can then search by keyword or filter by type to find what you want faster.
   • To type the names of entries you want to add, tap ☐ and select Type in. Type the names of groups, roles, or users by using the following format, where a semicolon (;) separates each entry:
     namespace/group_name;namespace/role_name;namespace/user_name;
     Here is an example:
     Cognos/Authors;LDAP/scarter;
4. Select the names that you want and tap Add.
   Your selections are now listed in the My credentials slide-out panel.

Managing your data server credentials
You can view and delete your saved data server credentials in your personal, advanced preferences.

Procedure
1. Tap your Personal menu, then tap My preferences > Personal > Advanced.
2. For Data server credentials, tap Manage.

Setting logging levels
In addition to the logging capabilities that exist on the IBM Cognos server, you can produce logs and error reports for your own workstation. This type of client-side logging is important for troubleshooting and can cover JavaScript anomalies that are not detectable from the server environment.

About this task
You can turn logging on or off as well as set the logging level. Under normal circumstances, logging is on, but the level is set to Error. In some circumstances, IBM customer support might direct you to increase the logging level. Set it to one of the following levels:

Error
Basic level of logging that tracks only major error messages that occur during processing on the client workstation.

Warning
The next level of logging that includes all the information from the Error level of logging and includes warnings about situations that might not affect your system function.
**Information**
This level of logging aggregates all previous levels of logging and includes more detail about the regular operation of the user interface. You might notice that performance at this level is slower.

**Debug**
This level of logging contains the most information. Use it if you are testing your own extensions or when you are advised by a member of the software development team or customer support. You can expect that performance at this level is noticeably slower.

Logging levels are stored in the browser cache. If you clear the browser cache, logging levels return to the default setting.

**Procedure**
1. Tap your user name icon in the application bar, and then tap My preferences.
2. On the Personal tab, expand the Advanced section.
3. For Logging, click Manage.
4. Ensure that logging is on.
5. Set the Logging level to the level directed by the customer support representative.
6. To retrieve logs from the browser console, press the F12 key on your keyboard or from the browser menu, click Developer, and then click Web Console.
   
   **Tip:** For the Firefox web browser, you can use an add-on, such as Firebug to make it easier to retrieve and save log files from the console.
7. After you are done troubleshooting, return to the Logging preferences window and ensure that logging is set back to Error to prevent logging from slowing down your system while you are working.

**What to do next**
For more information about troubleshooting your system, see the IBM Cognos Analytics Troubleshooting Guide.
IBM Cognos Analytics integrates with supported versions of other IBM Cognos products so your analytics capabilities can grow with your needs.

To access the following applications, they must be installed, and IBM Cognos Analytics must be installed with the custom option which enables other applications. For information on opening companion applications, see “Opening companion apps” on page 37.

**Cognos Planning - Analyst**
For supported versions, you can access published plan data in IBM Cognos Analytics by using the Generate Framework Manager Model wizard. For more information, see the *IBM Cognos Analyst User Guide*.

**Cognos Planning - Contributor**
For supported versions, you can access unpublished (real-time) Contributor cubes in IBM Cognos Analytics by custom installing the IBM Cognos Analytics - Contributor Data Server component that is included with IBM Cognos Planning - Contributor.

For supported versions, you can access published plan data in IBM Cognos Analytics by using the Generate Framework Manager Model administration extension in Contributor. For more information, see the *IBM Cognos Contributor Administration Guide*.

**Cognos Finance**
You can access IBM Cognos Finance cubes that are secured against a Series 7 namespace by using the IBM Cognos Finance Network API Service. You can also export data and metadata from IBM Cognos Finance for use in Framework Manager.

**Cognos Controller**
You can access IBM Cognos Analytics to create IBM Cognos Controller Standard Reports by using a predefined Framework Manager model that is created when IBM Cognos Controller is installed. You can also access published Controller data and structures in Framework Manager for custom reporting and analysis.

**Cognos Transformer**
You can use IBM Cognos PowerCubes and Transformer models, that were generated by supported Transformer versions, directly in IBM Cognos Analytics. The cubes and models are upwards compatible and require no migration or upgrade tools. You can run reports and analyses in IBM Cognos Analytics against the IBM Cognos PowerCubes.

**Cognos TM1**
IBM Cognos TM1 integrates business planning, performance measurement and operational data to enable companies to optimize business effectiveness and customer interaction regardless of geography or structure. Cognos TM1 provides immediate visibility into data, accountability within a collaborative process, and a consistent view of information, allowing managers to quickly stabilize operational fluctuations and take advantage of new opportunities. For more information, see the *IBM Cognos TM1 User Guide*.

**Cognos PowerPlay**
You use IBM® Cognos® PowerPlay® Studio to create and view reports that are based on PowerCube data sources. For more information, see the *IBM Cognos PowerPlay Studio User Guide*.

**IBM Cognos Software Development Kit**
The IBM Cognos Software Development Kit provides a platform-independent automation interface for working with IBM Cognos Analytics services and components.

Developers in your organization can use IBM Cognos Software Development Kit to create custom reports, manage deployment, and integrate security and portal functionality to suit your needs, locale, and
existing software infrastructure. The Software Development Kit uses a collection of cross-platform web services, libraries, and programming interfaces.

You can choose to automate only a specific task, or you can program the entire process from modeling through to reporting, scheduling, and distribution.

The Software Development Kit is available as a separate package.

For more information, see the *IBM Cognos Software Development Kit Developer Guide*.

**Functionality mapping from Cognos BI to Cognos Analytics**

IBM Cognos Analytics is the next version of IBM Cognos Business Intelligence.

The following table describes where you can find BI functionality in IBM Cognos Analytics. The companion applications are only available in the user interface if they are installed and if legacy applications are enabled in a custom installation of Cognos Analytics. Some, but not all of the companion applications, are installed separately.

<table>
<thead>
<tr>
<th><strong>IBM Cognos Business Intelligence</strong></th>
<th><strong>IBM Cognos Analytics</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Cognos Connection</td>
<td>Welcome portal</td>
</tr>
<tr>
<td>Cognos Viewer</td>
<td>The viewer is not named. Depending on the item you view, there is different functionality in the viewer.</td>
</tr>
<tr>
<td>Report Studio</td>
<td>Reporting: to create a new report, in the Welcome portal, tap ☑️, then tap Report. For a report entry in a content list, if you tap ☐️, then tap Edit, the report opens in Reporting.</td>
</tr>
<tr>
<td>No equivalent, new in Cognos Analytics.</td>
<td>Data modeling: to create a new data module, in the Welcome portal, tap the New ☐️ icon, and then tap Data module.</td>
</tr>
<tr>
<td>Cognos Administration</td>
<td>Managing: incorporates part of the administration functionality. Access from the Welcome portal. Link to the full Administration console from the Manage panel.</td>
</tr>
<tr>
<td>Workspace Advanced</td>
<td>Reporting: incorporates Workspace Advanced functionality. Page preview in Reporting is similar to Page preview in Workspace Advanced.</td>
</tr>
<tr>
<td>Drill-through definitions</td>
<td>Companion application: to access Drill-through, in the Welcome portal navigation bar, tap New ☐️, then Other ☐️. Drill-through definitions support Framework Manager packages, but not data modules.</td>
</tr>
<tr>
<td>Event Studio</td>
<td>Companion application: to access Event Studio, in the Welcome portal navigation bar, tap New ☐️, then Other ☐️.</td>
</tr>
<tr>
<td>My Inbox</td>
<td>Notifications: if you select Save to the system for subscriptions and report output versions, you go to Notifications in the Welcome portal, open the notice and tap a link to the report version. Also, you can access My Inbox from your personal settings.</td>
</tr>
</tbody>
</table>
Table 1: BI to Cognos Analytics functionality mapping (continued)

<table>
<thead>
<tr>
<th>IBM Cognos Business Intelligence</th>
<th>IBM Cognos Analytics</th>
</tr>
</thead>
<tbody>
<tr>
<td>Analysis Studio</td>
<td>Companion application: to access, in the <strong>Welcome</strong> portal, tap <strong>New</strong> then <strong>Other</strong></td>
</tr>
<tr>
<td>Query Studio</td>
<td>Companion application: to access, in the <strong>Welcome</strong> portal, tap <strong>New</strong> then <strong>Other</strong></td>
</tr>
<tr>
<td>Workspace</td>
<td>Dashboarding: incorporates Workspace functionality. However, for some additional functionality, you can access the Workspace companion application if it was installed. In the <strong>Welcome</strong> portal navigation bar, tap <strong>New</strong> then <strong>Other</strong></td>
</tr>
<tr>
<td>Framework Manager</td>
<td>Framework Manager</td>
</tr>
</tbody>
</table>

**Move from quirks to standards mode HTML**

Because of the move from quirks to standards mode HTML in much of the user interface, you might need to make minor changes to existing reports. You might also need to update your web browser settings.

Many IBM Cognos Analytics user interfaces now use standards mode HTML, including the Cognos Analytics portal, Cognos Analytics – Reporting, and HTML viewers and reports. Because reports have moved from quirks to standard HTML, there might be small differences in the look of your reports. These differences do not have an impact on the majority of reports that were created in previous Cognos versions. However, minor changes might be required in a small number of existing reports.

If you use the Microsoft Internet Explorer web browser after you upgrade to Cognos Analytics 11.0, you might need to change your browser settings. Previously, when Cognos 10.2.x was used with the Internet Explorer browser, you either had to enable the **Automatically recover from page layout errors with Compatibility Mode** option or add websites to the **Compatibility View Settings**. Because Cognos Analytics 11.0 uses standards mode HTML, you must change settings that enabled compatibility mode to avoid problems with caching. To ease your transition to standards mode HTML, legacy components, such as IBM Cognos Query Studio and IBM Cognos Analysis Studio that still require it now use meta tags to automatically switch into compatibility mode.

For more information, see [Cognos Analytics conversion to Standards Mode](#).

**Opening companion apps**

Companion applications might be accessible in the IBM Cognos Analytics user interface.

**About this task**

You can access the following applications if you have the required capabilities and if the applications are enabled during installation:

- Cognos Analysis Studio
- Cognos Query Studio
- Cognos Event Studio
- Cognos Workspace
- Drill-through definitions
- My Inbox
- My Watch Items
- Create new jobs
The following applications are separately installed. To see them, the custom installation option must be selected when IBM Cognos Analytics is installed, and you must have the appropriate capabilities:

- IBM Cognos PowerPlay
- IBM Cognos Planning

Procedure

1. To see My Inbox and My Watch Items, in the Welcome portal, tap your user name.

2. To see all other companion applications, in the Welcome portal navigation bar, tap  then .

3. Tap the companion application that you want.
About this guide

This document is intended for use with IBM Cognos Analytics. Cognos Analytics integrates reporting, modeling, analysis, dashboards, stories, and event management so you can understand your organization's data, and make effective business decisions.

To find product documentation on the web, including all translated documentation, access IBM Knowledge Center (http://www.ibm.com/support/knowledgecenter).

Accessibility features

Accessibility features help users who have a physical disability, such as restricted mobility or limited vision, to use information technology products successfully. For information on accessibility features in Cognos Analytics, see the Cognos Analytics Accessibility Guide.

Forward-looking statements

This documentation describes the current functionality of the product. References to items that are not currently available may be included. No implication of any future availability should be inferred. Any such references are not a commitment, promise, or legal obligation to deliver any material, code, or functionality. The development, release, and timing of features or functionality remain at the sole discretion of IBM.

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Index

A
add folders 3
agent views 14
Analysis Studio 37

C
capabilities
  viewing permissions 7
copy or move
effect on links 19
Credentials
  renewing 32
  authorize trusted users
  managing 33

D
data
  sources 9
data modules 9
Data server credentials
  manage
  view saved credentials 33
data sets 9, 10

E
entries
  hiding 19
  setting permissions 6
execute permissions 5

F
files
  uploading 10

G
get started overview 1

H
hiding entries 19

I
IBM Cognos Software Development Kit 35
  integrating
    other IBM Cognos products IBM Cognos Analytics 35
  interactive viewer 13

J
jobs
  scheduling 27
  steps 27

L
learn the product 4
links
  copy or move operations 19

M
Manage data server credentials 33
  managing
    reports 13
    My content 13

N
navigation tips 3
notifications 31

O
organizing
  entries in the portal 13

P
packages 9
permissions
  execute 5
  read 5
  set 6
  set policy 5
  traverse 5
  types 6
  viewing 7
  write 5
personal settings
  preferences 31
  preferences
    viewing my capabilities 7
product description 1
prompts
  cache data 27

Q
Query Studio 37
R
read permissions 5
refresh
  cache data 27
report versions
  delete saved output 14
  save versions 14
  saved outputs 14
  view archives 14
  view versions 14
report views 14
reports
  managing 13
  personalize 14
  scheduling 27

S
samples 4
schedules
  jobs 27
  multiple entries 27
scheduling
  reports 27
security
  groups and roles 7
  permissions 5
select entries 3
set default report format 32
set policy permissions 5
sources
  data 9
  data modules 9
  data sets 9
  packages 9
  uploaded files 9
subscribe to reports 15
subscriptions 15, 31

T
Team content 13
traverse
  permissions 5

U
uploaded files 9, 10

W
Workspace 37
write permissions 5