IBM Cloud Application Business Insights features modern user interface and drag-and-drop customizable dashboard for effective data visualization and exploration

At a glance

IBM Cloud™ Application Business Insights is an on-premises dashboard designer tool that:

- Enables users to build custom dashboards quickly with an interactive, modern user interface (UI). Its drag-and-drop, easy-to-use features provide effective data visualization and analysis capabilities.
- Empowers users with end-to-end visibility into the operational performance of their business application, by gathering actionable intelligence through consolidation of multiple data sources, including IBM(R) and third-party products.
- Helps accelerate response and drastically lower mean time to repair (MTTR) on performance degradation of any business application, through advanced UI capabilities, such as data filters, correlations, and drill downs.
- Provides the capability to export custom dashboards and share as a PDF.

Overview

Cloud Application Business Insights promotes data democratization by offering a solution to business users and small and medium-sized enterprises that provides access to an advanced, effective data visualization and exploration tool that functions beyond basic reporting.

As a powerful dashboard designer tool, Cloud Application Business Insights provides users with the freedom to visualize and navigate data from different data sources, including IBM and third-party products, through an interactive drag-and-drop interface that is designed to be easy to use. It empowers users to build their own custom dashboards with default or custom layouts and data content. Through streamlined UI functionality that does not require programming knowledge, your organization can quickly explore and analyze line-of-business data and ensure optimized operations.

The dashboard designer is bundled with an extensive library of standard and advanced charts to enable users to build effective visualizations that highlight the valuable, crucial data your teams require. It supports rich data interactivity through UI features, such as correlation, drill down, interactive legends, and zoom capabilities. When users create a custom dashboard, the tool provides preview options to try out each widget (chart plus the data source) or dashboard in action.

Any customized dashboard created with Cloud Application Business Insights features the capability to save the defined widgets, for reuse across multiple dashboards.

The created dashboards can be saved, categorized, and published into user-defined menus, and then used for deployment in the production environment. The tool supports role based Access, as well as globalization for wider distribution across geographies.

The current dynamic enterprise environment with its ever-changing challenges makes Cloud Application Business Insights a key necessity for your organization. It is designed to help eliminate the time, cost, and complexity of building consolidated dashboards, enabling users to easily retrieve and analyze key metrics from multiple data sources on a custom view.

Key prerequisites

Red Hat Enterprise Linux$^{(R)}$, V7, or later

Planned availability date

August 15, 2018

Description

Cloud Application Business Insights is a dashboard designer tool that helps empower users to quickly build interactive and modern dashboards as per their requirements. It provides users with the capability to create custom dashboards in three steps through a drag-and-drop interface. Within this 3-step process, users can quickly:

- Access default layout or create a new layout for the custom dashboard, as per need of the use case.
- Select charts for use in the selected layout, and create data definitions to bind the chart with any data source.
  - An extensive charts library is bundled with the product including both standard and advanced charts.
  - Specific data definitions or generic ones can be saved and reused across multiple dashboards. Data can be extracted through a built-in APM connector which provides access through drop-down menus to metrics groups and metrics of any component in a business application.
  - For any other IBM or third-party products, JDBC or REST API is supported for extracting required metrics.
- Preview dashboards with capability to iterate or modify layout and content. It can then be published to a menu for categorizing all the dashboards, or published to production.

When building custom dashboards, users can make use of advanced features to enhance its usability and value.

- **Filters**
  - When designing a custom dashboard, it could involve the retrieval of a large volume of data. Filters help the user to narrow down the scope of rendered data and to focus on key aspects of any analysis. Filters can be defined as per user requirement; for example, time period, region, and so on.
- **Correlation**
  - Dashboards are made up of widgets, which are charts associated with data definitions.

- These widgets can be correlated through a drag-and-drop interface to support a master-listener behavior. A widget is defined as a master that can control the data rendered on one or more listener widgets.
- A master widget can provide a list of business critical applications, and the configured listener widgets can provide key metrics for each of the listed applications, based on user clicks.

- **Drill down**

  - Correlation provides in-context data rendering on one or more widgets on the same dashboard. In some use cases, there is a requirement to navigate to a different page to drill down further into available details.
  - Cloud Application Business Insights supports this capability through a drag-and-drop interface to define a drill down link between a dashboard and an associated drill down page.

- **Personalization**

  - Users can personalize the dashboard as per their own preference:

    -- Change of Chart Type. On any created dashboard, the tool provides run-time capability to enable a user to select a particular type of chart to be rendered from given chart family.

    For example, a user can select a pie-chart to be displayed instead of a donut, a stacked column instead of stacked bar, and so on.

    In addition to charts that are available through a particular chart family, another capability enables the charts to convert to a tabular format. This capability is supported for all chart types.

Program number

Program number	VRM	Program name
5725-U05	1.1	IBM Cloud Application Business Insights Base
5725-V20	1.1	IBM Cloud Application Business Insights Advanced

Offering Information

Product information is available on the IBM Offering Information website.

More information is also available on the Passport Advantage(R) and Passport Advantage Express(R) website.

Publications

IBM Cloud Application Business Insights publications are available in IBM Knowledge Center.

Services

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Technical information

Specified operating environment

Hardware requirements

8 GB RAM, (16 GB recommended), 200 GB hard disk drive, 2.4 GHz processor

Software requirements

Supported browsers:

- IE 11
- FF ESR 52
- Chrome 59

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Product group: Availability and Performance products

Product identifier description:

- 5725-U05 -IBM Cloud Application Business Insights Base
- 5725-V20 -IBM Cloud Application Business Insights Advanced

Product category: Application Manager

Passport Advantage

IBM Cloud Application Business Insights Base (5725-U05)

Part description	Part number
IBM Cloud Application Business Insights Base Authorized User License + SW Subscription & Support 12 Months	D1VELLL
IBM Cloud Application Business Insights Base Authorized User SW Subscription & Support Reinstatement 12 Months	D1VEMLL
IBM Cloud Application Business Insights Base Authorized User Monthly License	D1VEYLL
IBM Cloud Application Business Insights Base Authorized User Annual SW Subscription & Support Renewal 12 Months	E0NXWLL

IBM Cloud Application Business Insights Advanced (5725-V20)

Part description	Part number
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IBM Cloud Application Business Insights Advanced Authorized User SW Subscription & Support Reinstatement 12 Months	D1VF2LL
IBM Cloud Application Business Insights Advanced Authorized User Annual SW Subscription & Support Renewal 12 Months	E0NXZLL

Charge metric

Program name	Part number or PID number	Charge metric
IBM Cloud Application Business Insights Base	5725-U05	Authorized User
IBM Cloud Application Business Insights Advanced	5725-V20	Authorized User

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License Information number

Part description	License document number
IBM Cloud Application Business Insights Base	L-SPLE-AYFFMT
IBM Cloud Application Business Insights Advanced	L-SPLE-AYFGG3

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Yes

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Variable charges apply

No

Educational allowance available

Not applicable.

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