Data flow configuration   12.10

Last Updated: 2024-10-17

BETA   The installation and integration of IBM Cognos® Analytics is available only for technology preview, and is not for production usage.

After you install IBM Cognos® Analytics, you can configure Cloud Pak for AIOps to synchronize data with IBM Cognos® Analytics through an IBM Db2 integration. You can then create a policy to send alerts or incidents from Cloud Pak for AIOps to populate a dashboard or report.

The following components are required for alert data to flow from IBM Cloud Pak for AIOps to IBM Cognos Analytics.

Figure. Alert data flow from Cloud Pak for AIOps to IBM Cognos Analytics

Before you begin 🔗

You must have IBM Cloud Pak for AIOps 4.7.0, IBM Db2, and IBM Cognos Analytics installed before proceeding.

Complete the following steps to push Cloud Pak for AIOps alerts to IBM Db2 for use with IBM Cognos Analytics dashboards.

Procedure 🔗

1. Implement the database schemas so that the relevant reporting tables are in place. The schemas can be installed from: github.com: aiops-cognos-analytics/schemas.

2. Create a new IBM Db2 integration so that you can store IBM Cloud Pak for AIOps data in your IBM Db2 database. For more information, see IBM Db2 integration.

3. Connect IBM Cognos Analytics to your IBM Db2 database.

   a. In IBM Cognos Analytics, navigate to **Menu** > **+ New** > **Data server connections**.
   b. In **Select sources**, click **Data servers and schemas,** and select your database, followed by the schema.
   c. Click **New +** and select **Data server**.
   d. Provide a name, optional description, and select the relevant IBM Db2 connection type.
   e. Provide the connection details. In the **Authentication** section, you can create a **Signon** in which you provide the username and password for IBM Db2. Select **Use signon** in the drop-down list, click **Add signon** and then provide the details.

    f. Test the connection before saving.

    g. Select the newly created data server.

    h. Click the Action menu for the respective schema row in the table (the three dots at the end of the row).

    i. Select **Assets**.

    j. Click the Action menu for the asset row and select **Load metadata**. This loads the tables for the database.

    k. Click **Done** when complete.

For more information, see Using data servers as data module sources.

4. Switch to the Cloud Pak for AIOps Policy UI and create policies to send alerts or incidents from IBM Cloud Pak for AIOps to populate a dashboard or report in IBM Cognos Analytics. For more information, see Populate a dashboard or report.

5. Ensure that you configure the policy to trigger when new alerts are added, or existing alerts are updated, so that the live alerts and the alerts in IBM® Db2® are in sync.