

IBM DB2 SERVICE CREATION AND DB2 CONNECTIVITY WITH COGNOS

1. Created Account in IBM Cloud and Cognos

Analytics

The screenshot shows the IBM My IBM dashboard at the URL `myibm.ibm.com/dashboard/`. The user is logged in as `IBMid: gokulkrishnant99@gmail.com`. The dashboard features a 'Products' section with a 'Trials' subsection showing 2 offerings. Two trial cards are visible: 'Cognos Analytics on Cloud Trial for Students' and 'IBM Cloud', both marked as 'Active' and expiring on Sep 13, 2023. Each card has 'Launch' and 'Manage' buttons. A promotional message on the right encourages users to let IBM provide technology and business solutions, with a 'View catalog' button.

← → ↻ myibm.ibm.com/dashboard/

My IBM Profile Billing IBMId: gokulkrishnant99@gmail.com

Products

Trials
2 Offerings Need help? [Get product supp](#)

Cognos Analytics on Cloud Trial for Students

Active
Expires on Sep 13, 2023

[Launch](#) [Manage](#)

IBM Cloud

Active

[Launch](#) [Manage](#)

Let IBM provide you technology and business solutions to fit your needs

IBM's extensive list of offerings helps you find products that fit your technology and business needs. Get started with a free trial today!

[View catalog](#)

2. Created db2 in IBM Cloud

The screenshot shows the IBM Cloud interface. The top navigation bar includes the IBM Cloud logo, a search bar, and links to Catalog, Manage, and the user's account. The main content area is divided into two sections. The left section, titled 'Catalog', features a search bar with 'db2' entered, showing a dropdown menu with 'Db2', 'Db2 Warehouse', and 'SAP NetWeaver(ABAP stack) with DB2 standard system'. Below the search bar is a list of categories: Containers (9), Networking (30), Storage (20), AI / Machine Learning (17), Analytics (10), Blockchain (1), Databases (28), and Developer tools (25). The right section displays three product cards: 'Analytics Engine' by IBM, 'AnonTech VizVault Platform' by Anon Technology, Inc., and 'API Connect' by IBM. Below these cards is a 'Resource list' table. The table has columns for Name, Group, Location, Product, Status, and Tags. A search bar is located above the table. The table lists several resources, including 'Db2-mz' which is active and located in Dallas. The 'Db2-mz' resource is highlighted, and its details are shown in a sidebar on the right.

Name	Group	Location	Product	Status	Tags
Db2-mz	Default	Dallas	Db2	Active	

3. Created Service Credentials

The screenshot shows the IBM Cloud 'Service credentials' page for the 'Db2-mz' resource. The page has a sidebar on the left with links to 'Manage', 'Getting started', 'Service credentials', and 'Connections'. The main content area is titled 'Service credentials' and includes a description: 'You can generate a new set of credentials for cases where you want to manually connect an app or external consumer to an IBM Cloud service. Learn more'. Below the description is a search bar and a 'New credential' button. A table lists the existing credentials, with one entry: 'Service credentials-1' created on '2022-11-14 12:14 AM'.

Key name	Date created
Service credentials-1	2022-11-14 12:14 AM

4. Loaded data in IBM Cloud by Creating Table

IBM Db2 on Cloud

Load DataLoad HistoryTablesViewsIndexesAliasesMQTSSequencesApplication objects

SQL

Load Data +

STATUS	SOURCE	FILENAME	TARGET	REQUESTED BY	ROWS LOADED	ROWS REJECTED
Success	My computer	port traffic data prep.cs	BSQ11731.TRAFFIC	bsq11731	13	0

IBM Db2 on Cloud

Load DataLoad HistoryTablesViewsIndexesAliasesMQTSSequencesApplication objects

Find schemas or tables

Refresh

Schemas

Name	Type	Tables
BSQ11731	User	1

Total: 1, selected: 1

Tables

New table +

Name	Schema	Properties
TRAFFIC	BSQ11731	...

Total: 1, selected: 1

5. Created Data Server Connection for IBM Cognos [db2 connectivity]

The screenshot shows the IBM Cognos Analytics with Watson interface. On the left, the 'Data server connections' list displays two entries: 'Weather Company' (created 3/31/2022 10:38 PM) and 'traffic data' (created 11/13/2022 12:55 PM). The 'traffic data' connection is selected, and its details are shown on the right. The details include the owner 'Gokul ... 5e351a', creation and modification timestamps, and the type 'Data Server'. The 'Connections' tab is active, showing a table with one entry: 'traffic data' (modified 11/13/2022 1:19 PM). The right sidebar features a 'Present data' section with the text: 'Create sophisticated, multi-page, multi-query dashboards, reports, or stori...'. The top navigation bar includes the IBM Cognos Analytics with Watson logo, a search bar, and user profile icons.

The screenshot shows the IBM Cognos Analytics with Watson interface, focusing on the 'Settings' tab for the 'traffic data' connection. The 'Settings' tab is active, displaying the 'Authentication method' section. The 'Connect anonymously' option is selected. Below this, there are options for 'Prompt for the user ID and password', 'Use an external namespace', and 'Use the following signon:'. A 'Test' button is visible, and a green checkmark indicates 'Success'. A 'Save' button is at the bottom right. The left sidebar shows the 'Data server connections' list with 'traffic data' selected. The right sidebar features a 'Present data' section with the text: 'Create sophisticated, multi-page, multi-query dashboards, reports, or stori...'. The top navigation bar includes the IBM Cognos Analytics with Watson logo, a search bar, and user profile icons.

```

"db2": {
  "authentication": {
    "method": "direct",
    "password": "Mm27mpFh1pt0B6VX",
    "username": "zxz23398"
  },
  "certificate": {
    "certificate_base64": "LS0tLS1CRUdJTiBDRVJUSUZJQ0FURSB0tLS0tCk1JSURFakNDQWZxZ0F3SUJBZ0lKQVA1S0R3ZTNCTkxiTUEwR0NTcUdTSWIZRFFfQkN3VUFNQjR4SERBYUJnTlYkQkFNTUuwbENUU0jEYkc5MvpDQkVZWfJoWw1Ge1pYTXdIaGN0TWpBd01qSTVNRFF5TVRBeVdoY05NekF3TWpJMcgpNRFF5TVRBeVdqQWVNUnd3R2dZRFZRUUREQk5KUWswZ1EyeHZkV1FnUkdGMFlXSmbjM1Z2U1J0klqQU5CZ2txCmhraUc5dzBCQVFFRkFBT0NBUThtBU1J0kNnS0NBUBdXUvb1tpW9xdkd6NU8xSGpEa1psK25iYjE4UkR4ZGwKTzRUL3FoUGMxMTREY1FUK0p1RXdhG13aG1J2GxaQnF2QWFmb1h1bmbhQSVFOMG01L0x5YzdBY291VXNmSGR0QwpDVGciSUsxbjBrdDMiTHM3d1dTakxaV96N3M3M1ZUSU5yYmx3cnRIRU1vM1J1WTkV6SkHYW5LSXZMmZVSUtrCldNM1R0SD15cnFsSGN0Z2pIUlFmRkVTRm1YaHJiODhS0md0amIva0xtVgpcCaTFBeEVadwNobWZ2QVRmNEN0Y3EKY21QcHNqdDBPTnI0YnhJMVRYUWwEemNi1hMSFBrWw91SUprdnVzMUZvaTEySmRMm1MxK3labFZPMUZmZku3bwpKMjhUdGJoZ3JG0GtIU0NMSk1vTTF5Z3FPZG90Vm50QC9E0WZhamNN01Wd2V4a01S0TNKR1FJREFRQUJvMU13C1VUQWRkZ05WSEF0RUZnUVV1Q3J2anFJQ2c1VUpxVmZEMDh1ZWdqeDZiUmN3SHdZRFZSMGpcQmd3Rm9BVWVdclKkanFJQ2c1VUpxVmZEMDh1ZWdqeDZiUmN3RHdZRFZSMFRBUUgVQkFVd0F3RU1vekF0QmdrcWhraUc5dzBCQVZzRgpBQU9DQVFFQkYRTBU0ut3M1N3RjJ2MXBqaHV4M01kMwV2SGFVSkrMb0tPd0hSRnFS0HgXZ2dRcGVEcFBNMk5ScKx3R08yek85SWZUMmhLawd1d2orWn3J5SGxxcHlxQ0pLOHJEU28xZUVPeKiYwMe2S1YrQTVscEttMwdjV3VHYzMKK1U1VTFzTdD1Ujd3ZFFuVjU0TVU4aERVN19eVHRMRVB2Mnc3V1NPS1FDK013eJgrTFJMdjVHSW5BNl1ySWNhKwozM0wxNnB4ZEttD1pLYWcnBnMXJ3Q2RnY3d1YUHYMUNENE42K0J1bzhvW65Ymkh6UG91clDY1BoaGdXZ2J5cKNDcUdIK0NMNnQ1eFg3b05NS3VNSUNqRVZndnNLWnRqeTQ5VW5iNVZzbH0b1J3dTF1bGdzRDNjekltbjllREQKNH81REFvYTZyMktZZE4xVXkuN3F3VG1TbD1U05RPT0KLS0tLS1FTkQgQ0VSVE1GSUNBEUtlS0tLQo=",
    "name": "1cbbb1b6-3a1a-4d49-9262-3102a8f7a7c8"
  },
  "composed": [
    "db2://zxz23398:Mm27mpFh1pt0B6VX@fbd88901-ebdb-4a4f-a32e-9822b9fb237b.c1ogj3sd0tgtu0lqde00.databases.appdomain.cloud:32731/bludb?authSource=admin&replicaSet=rep1set"
  ],
  "database": "bludb",
  "host_ios": [
    "fbd88901-ebdb-4a4f-a32e-9822b9fb237b.c1ogj3sd0tgtu0lqde00.databases.appdomain.cloud:32670"
  ],
  "hosts": [
    {
      "hostname": "fbd88901-ebdb-4a4f-a32e-9822b9fb237b.c1ogj3sd0tgtu0lqde00.databases.appdomain.cloud",
      "port": 32731
    }
  ],
  "jdbc_url": [
    "jdbc:db2://fbd88901-ebdb-4a4f-a32e-9822b9fb237b.c1ogj3sd0tgtu0lqde00.databases.appdomain.cloud:32731/bludb:user=<userid>;password=<your_password>;sslConnection=true;"
  ],
}
```

6. Loaded the metadata

traffic data

Owner

Gokul ... 5e351a)

Created: 11/13/2022, 12:55 PM

Modified: 11/13/2022, 1:19 PM

Type: Connection

General

Settings

Schemas

Permissions

Status	Schema name	Tables loaded
<input type="radio"/>	AUDIT	
<input checked="" type="radio"/>	BSQ11731	1 / 1
<input type="radio"/>	DB2GSE	
<input type="radio"/>	DB2INST1	
<input type="radio"/>	DSJOBMgr	
<input type="radio"/>	DSSCHED	
<input type="radio"/>	DSSHSV1	

Show system schemas

