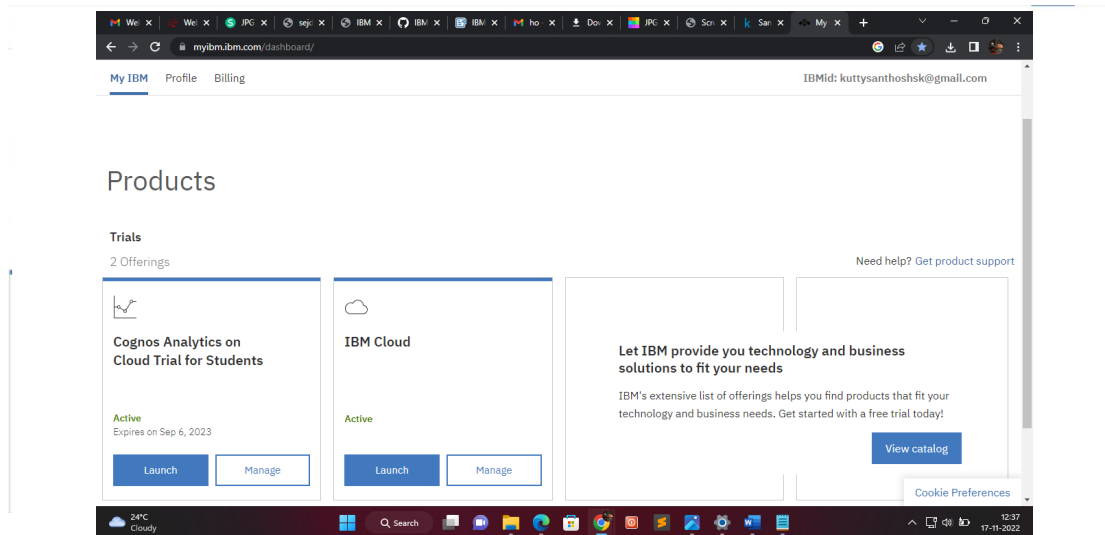


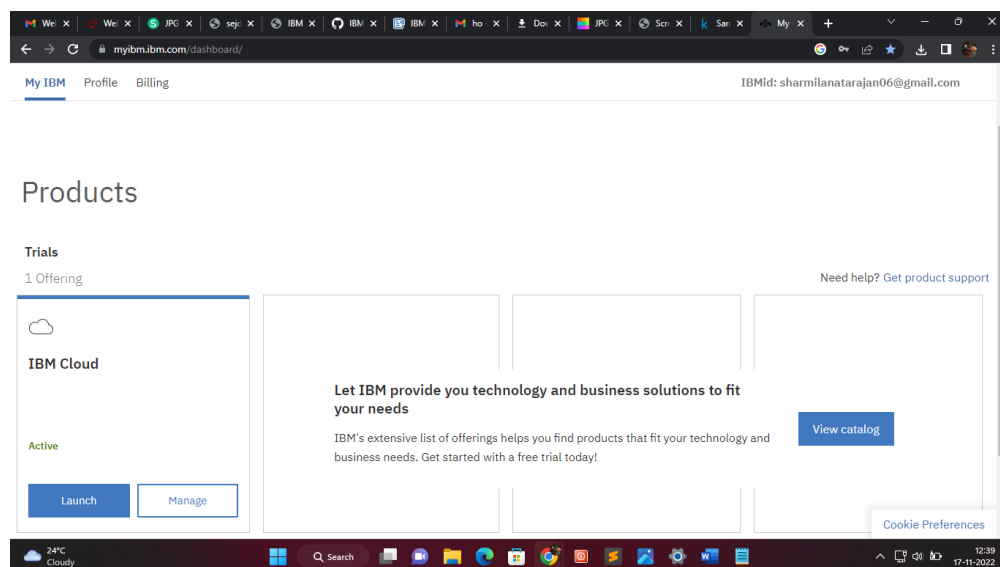
IBM DB2 SERVICE CREATION AND DB2 CONNECTIVITY WITH COGNOS

1. Created Account in IBM Cloud and Cognos

Team Leader



Team Member - 2



Team Member - 3

The screenshot shows the IBM My IBM dashboard for a user with email ID `snega13032002@gmail.com`. The dashboard has a top navigation bar with "My IBM", "Profile", and "Billing" links. The main section is titled "Products" and shows "Trials" with "1 Offering". The offering is "IBM Cloud", which is "Active". Below the offering name are "Launch" and "Manage" buttons. To the right of the offering card is a large promotional banner with the text "Let IBM provide you technology and business solutions to fit your needs" and "IBM's extensive list of offerings helps you find products that fit your technology and business needs. Get started with a free trial today!". A "View catalog" button is located on the right side of the banner. A "Need help? Get product support" link is in the top right corner. A "Cookie Preferences" button is in the bottom right corner. The Windows taskbar at the bottom shows the date as 17-11-2022 and the time as 12:41.

Team Member - 4

The screenshot shows the IBM My IBM dashboard for a user with email ID `shivasubramani412@gmail.com`. The dashboard has a top navigation bar with "My IBM", "Profile", and "Billing" links. The main section is titled "Products" and shows "Trials" with "2 Offerings". The first offering is "Cognos Analytics on Cloud Trial for Students", which is "Active" and "Expires on Sep 6, 2023". It has "Launch" and "Manage" buttons. The second offering is "IBM Cloud", which is "Active". It also has "Launch" and "Manage" buttons. To the right of the offering cards is a large promotional banner with the text "Let IBM provide you technology and business solutions to fit your needs" and "IBM's extensive list of offerings helps you find products that fit your technology and business needs. Get started with a free trial today!". A "View catalog" button is located on the right side of the banner. A "Need help? Get product support" link is in the top right corner. A "Cookie Preferences" button is in the bottom right corner. The Windows taskbar at the bottom shows the date as 17-11-2022 and the time as 12:48.

2. Created db2 in IBM Cloud

The screenshot shows the IBM Cloud Catalog interface. At the top, there's a search bar with 'db2' entered. Below the search bar, a dropdown menu lists search results: 'Db2', 'Db2 Warehouse', and 'SAP NetWeaver(ABAP stack) with DB2 standard system'. The main catalog area displays various IBM services like 'Analytics Engine', 'AnonTech VizVault Platform', and 'API Connect'. A sidebar on the left shows categories like Containers, Networking, Storage, AI / Machine Learning, Analytics, Blockchain, and Databases.

The screenshot shows the 'Resource list' page in IBM Cloud. It features a table with columns: Name, Group, Location, Product, Status, and Tags. The table lists various resources under different categories like Storage, AI / Machine Learning, Analytics, Blockchain, Databases, Developer tools, Logging and monitoring, Migration, Integration, Internet of Things, and Security. The 'Db2-ov' resource is highlighted, showing it is 'Active' and located in 'Dallas'.

3. Created Service Credentials

The screenshot shows the 'Service credentials' page in IBM Cloud. It displays a table with columns: Key name and Date created. The table lists two service credentials: 'Service credentials-1' and 'Service credentials-2'. The 'Service credentials-1' entry is highlighted, showing it was created on '2022-11-07 3:18 PM'. The page also includes a 'New credential' button and a search bar for credentials.

4. Loaded data in IBM Cloud by Creating Table

IBM Db2 on Cloud

Load Data Load History Tables Views Indexes Aliases MQTs Sequences Application objects

Load Data +

	STATUS	SOURCE	FILENAME	TARGET	REQUESTED BY	ROWS LOADED	ROWS REJECTED
✓	Success	My computer	manager_survey_data.csv	ZXZ23398.MANAGER_SURVE	zxz23398	4410	0
✓	Success	My computer	employee_survey_data.csv	ZXZ23398.EMPLOYEE_SURVI	zxz23398	4410	0
✓	Success	My computer	general_data.csv	ZXZ23398.GENERALDATA	zxz23398	4410	0

Load Data Load History Tables Views Indexes Aliases MQTs Sequences Application objects

Find schemas or tables Refresh

✓ Name	Type	Tables
✓ ZXZ23398	User	3

Total: 1, selected: 1

Name	Schema	Properties
EMPLOYEE_SURVEY	ZXZ23398	...
GENERALDATA	ZXZ23398	...
MANAGER_SURVEY	ZXZ23398	...

Total: 3, selected: 0

< Data server connections

NameModified

Data Server Connection07/11/2022 11:04 PM

Weather Company31/03/2022 10:38 PM

Data Server Connection

Owner
Dhaksh ... a8abd6)

Created: 07/11/2022, 11:04 PM
Modified: 07/11/2022, 11:04 PM
Type: Data Server

GeneralConnectionsPermissions

NameModified

Data_Server_Connection07/11/2022 11:11 PM

Data_Server_Connection

Owner
Dhaksh ... a8abd6)

Created: 07/11/2022, 11:04 PM
Modified: 07/11/2022, 11:24 PM
Type: Connection

GeneralSettingsSchemasPermissions

Connection detailsEdit >

Authentication method

☒ Connect anonymously

☐ Prompt for the user ID and password

☐ Use an external namespace

☐ Use the following signon:

▶ TestNot tested

Save

Data Server Connection

Owner
Dhaksh ... a8abd6)

Created: 07/11/2022, 11:04 PM
Modified: 07/11/2022, 11:04 PM
Type: Data Server

GeneralConnectionsPermissions

Name ^ Modified

Data_Server_Connection08/11/2022 3:01 AM

Data_Server_Connection

Owner
Dhaksh ... a8abd6)

Created: 07/11/2022, 11:04 PM
Modified: 08/11/2022, 3:01 AM
Type: Connection

GeneralSettingsSchemasPermissions

Connection detailsEdit >

Authentication method

☒ Connect anonymously
☐ Prompt for the user ID and password
☐ Use an external namespace
☐ Use the following signon:

▶ Test

Success ⓘ

Save

Edit IBM Db2 connection

JDBC URL:

9822b9fb237bc1logi3sd0igtuo0qde00.databases.appdomain.cloud:32731/bludbuser=zzz23398;password=Mm27mpFhlptQB6VX;sslConnection=true;

Driver class name:

com.ibm.db2.jcc.DB2Driver

Restore

✓ Example URL

Connection properties: ⓘ

✓ Cloud certificate details ⓘ

✓ Secure Gateway destination ⓘ

Close

```

"db2": {
  "authentication": {
    "method": "direct",
    "password": "Mm27mpFhlpt0B6VX",
    "username": "zxz23398"
  },
  "certificate": {
    "certificate_base64": "LS0tLS1CRUdJTiB0RVJUSUZ3Q0FURS0tLS0tck13SURFakNDQWZxZ0F3SUJ3B20lKQVA1S0R3ZTNCTkxiTUeWR0NTcudTswIzRFFfQkN3VUFNQjR4SERBYUJnTlYkQkFNTUUbENUu0JEYkcSMVpDQkVZWFJowW1Ge1pYTXdIaGN0TWpBd01qSTVNRFF5TVRBeVdoY05NekF3ThpJMgpNRRF5TVRBeVdqQWVNUnd3R2dZRFZRUUREQk5KUMswZ3EYeHZkV1FnUkdGMFlXSmbjMlZ6TULjQklQUSCZ2txCmhzaUc5d2BCQVFFRkFBT0NBUThtBTU1jQkNs0NBUIVBDXUvbitphW9xdkdGNU8xSGpEalpsK25iYjE4UKR4ZGwKTzRUL3FoUGMxMTR5Y1FUK0p1RXdhG13aG1jT0xa0nF2QWFWb1hzbmhqSVFOMG01L0x5YzdBV291VXNmSGR0QwpDVGCzSUsxbjBrdDMzTHM3d1dTakxqVE96N3M3MlZUSU5yYmx3cnRIRU1vM1JWTKV6SKNHYw5LSxdZMwZVSUtrCldNMI8SD15cnFsSG06Z2pTUlFmRkVTRm1YaHJiODhS0md0amIva0xtVGPcaTFBeEVadWNoBwZ2OVrmNEN0Y3EKY210cHNqdDBPTnI0YnhjMVRyUWwEemN1h1MSFzBwW91SUpdrnVzMUZvaTEySmRM1MxK31abfZPMUzMKU3bwpKMjhUdGJoZ3JGOGtIU0NMSK3vTTF5Z3FPZG90Vm5QOC9EOWZhamNNW0lWd2V4a01S0TNKR1F3REFRQUJvMU13C1VUQWRc205wSF6RUZnUVV1Q3JZanF3Qzc1VUpxVmZEMDh1ZWdqeDZiUmN3SHUzRFSZMGPComd3Rm9BVWVdc1kKanFJQzc1VUpxVmZEMDh1ZWdqeDZiUmN3RHdZRFZSMFRBUUgVQkFvd0F3RUIvekFOQmdrcWhzaUc5d2BCQVfzRgpBQU9DQVFFQkYRTBU0t3M1N3RjJ2MxBqaHV4M0lkMwV2SGFVSkrMb0tPd0hSRnF5OHgxZ2dRcGVFcFBNMk55SCKx3R08yek85SWZUMmLaWd1d2ziWnJ5SGxxcHlXQ0pLOHJEU28xZUVPekIyWmE2S1YzQTVScEttMwdjV3VHYzMkK1UzYTFzTDdlUjd3ZFFuVjU0TVU4aERvN19sVHRMRVB2Mnc3V1NPSlFDK013ejgrTFJmdjVHSW5BN1JySWNhKwozM0wXNnB4ZEttD1pLYThwcnBnMXJ3QzRmY3d1YUhyMUNWE42K0JlBzhvWG5Ywkh0G91c1dYS1BoagdXZ2J5cKndUdIK0NWNnQ1eFg3b05NS3VNSUNqRVZndnNLWnRqeTQ5VW5iNVZzbH0b1J3dTFlbGdzRDNjek1tbj1LREQKXHB1REFvYTZyMktZZE4xVXkuN3F3VG1TbD1TU05RPT0KLS0tLS1FTkQgQ0VSVE1GSUNBEUtlS0tLQ0o=",
    "name": "1cbbb1b6-3a1a-4d49-9262-3102a8f7a7c8"
  },
  "composed": [
    "db2://zxz23398:Mm27mpFhlpt0B6VX@fbd88901-ebdb-4a4f-a32e-9822b9fb237b.c1ogj3sd0tgtu0lqde00.databases.appdomain.cloud:2731/bludb?authSource=admin&replicaSet=rep1set"
  ],
  "database": "bludb",
  "host_ros": [
    "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:2731/bludb:user=<userid>;password=<your_password>;sslConnection=true;"
  ],
}

```

6. Loaded the metadata

Data_Server_Connection

General

Settings

Schemas

Permissions

Status	Schema name	Tables loaded
<input type="radio"/>	IBMOTS	
<input type="radio"/>	IBMPDQ	
<input type="radio"/>	IBM_DSM_VIEWS	
<input type="radio"/>	IBM_RTMON	
<input type="radio"/>	IBM_RTMON_BASELINE	
<input type="radio"/>	IBM_RTMON_DATA	...
<input type="radio"/>	IBM_RTMON_EVMON	
<input type="radio"/>	IBM_RTMON_METADATA	
<input type="radio"/>	IDAX	
<input type="radio"/>	PROCMGMT	
<input type="radio"/>	ST_INFORMTN_SCHEMA	
<input checked="" type="radio"/>	ZXZ23398	3 / 3


Show system schemas

Sources




Q Search

▼  ZXZ23398

▶  Employee Survey

▶  Generaldata

▶  Manager Survey