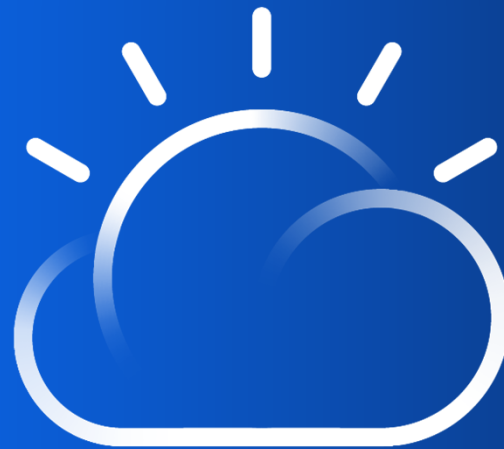


IBM Db2 Data Management Console for Hybrid Data Management Overview Deck



IBM Cloud

IBM Db2 Data Management Console

*walk-up-and-use database console
from ground to cloud
extensible, composable
and enterprise ready
always free*

Control your Common SQL Engine with a Common Data Management Console

Unified user experience across the Db2 family

Anchored by a **Common SQL Engine** enabling true, highly scalable hybrid data warehousing solutions with portable analytics

Managed public
Cloud DBaaS

Db2 on Cloud
Db2 Warehouse
on Cloud

Software
defined warehouse
On-Premises
or in Cloud

Db2 Warehouse

Dedicated
analytics
appliance

Integrated Analytics
System

Custom
deployable
database

Db2
Database

Open source
Hadoop with
Hortonworks

Db2
Big SQL

- Design driven **unified experience** across HDM
- **Extendible** and **composable** services architecture

Enterprise Ready, see your whole enterprise on one pane of glass. **Security** and **scalability** built in.

Delivered to **fit** the offering and **the user**

Seamless evolution from what we have today

Upgrade from Data Server Manager **like a fixpack**

Db2 Console Strategy

The experience that grows with you

The same experience from ground to cloud

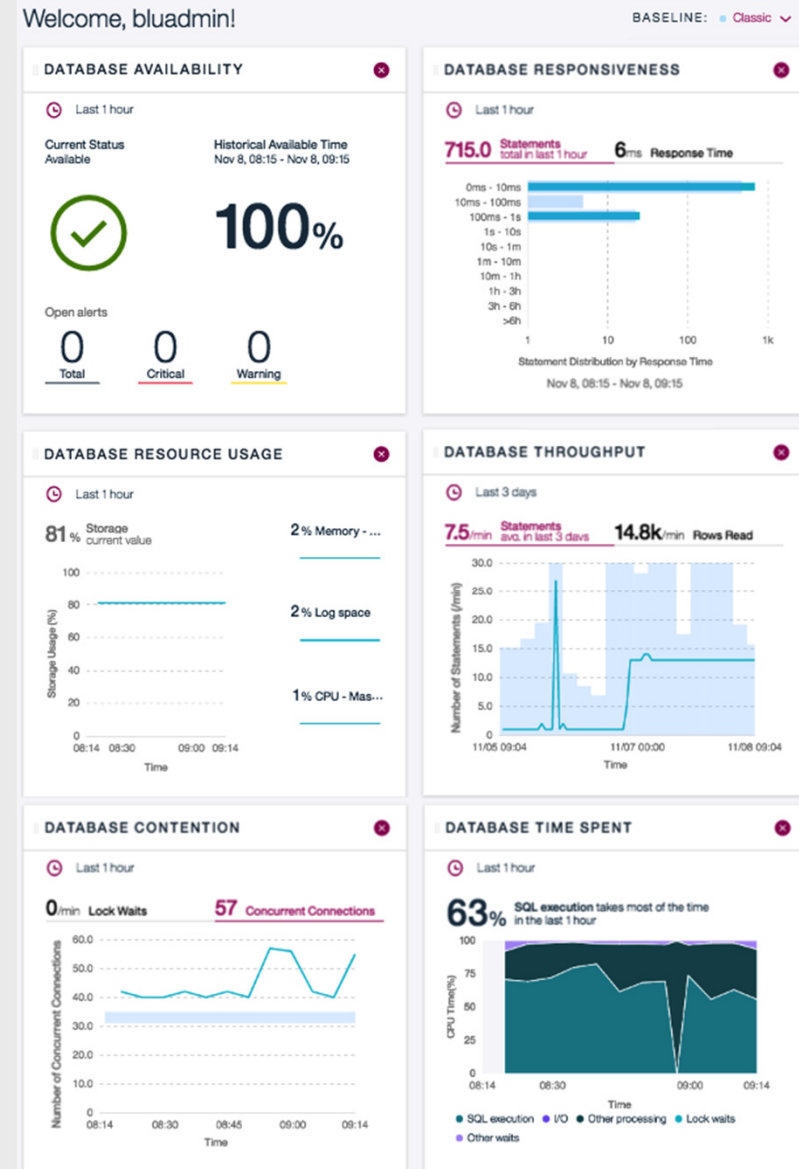
The [same user experience](#) means lower training costs, higher productivity and greater project success across your IBM hybrid data enterprise.

Walk up and use

There is nothing to install to get started. Each offering includes the same [easy and intuitive experience](#) for new and demanding users.

Enterprise Ready

You can extend and join each of your consoles through a [single enterprise console](#). Open APIs, SNMP, and a composable interface make integration easy. Security, HA and recoverability are built in.



On the Road to our Vision

Different Db2 Offerings Lead the Way

Whether it is Integration Analytics System (IAS) for system triage or Disaster Recovery or IBM Cloud Private for Data (CPD) for Data Virtualization or Db2 Warehouse for SQL Editing, each offering may take the lead for the Db2 family.

Every Db2 Offering Benefits

The best of breed solution in the family becomes the standard for the rest of the Db2 family. Rapid Triage for IAS is now coming to Db2 Warehouse private and on Cloud, Db2 Big SQL, Db2 on Cloud and CPD.

Part of the larger IBM Experience

The Data Management Consoles are tightly integrated with CPD. This means that all the products in CPD follow a common IBM interaction language and are designed to work together through an extensible architecture.

The screenshot displays two overlapping panels from the IBM Db2 console. The top panel, titled "REMOTE TABLES", shows a SQL editor with the following code:

```
1 CREATE SERVER IMPALATEST
2   TYPE IMPALA
3   VERSION '7.1'
4   AUTHORIZATION "admin" PASSWORD "Ttestklcdfk"
5   OPTIONS (ADD DBNAME 'DEFAULT', ADD HOST '9.34.11.23', ADD PORT '21050');
```

Below the editor is a "Run all" button and a "Remember my last" checkbox. The bottom panel, titled "FILE SYSTEM DISASTER RECOVERY", shows the status of a disaster recovery configuration. It indicates that the "Primary" node is healthy (green checkmark) and the "Secondary" node is unhealthy (red exclamation mark). A red lightning bolt icon between them signifies a "Connection is unavailable". The "Recovery Timeline" shows "1 Failed Snapshot". The "Last Successful Point" is "1 minute ago" and the "Next Scheduled Snapshot" is "23 hrs 58 mins later".

Db2 Data Management Enterprise Console – GAed Oct 18 2019

Enterprise Scale rapid enterprise triage

Team Collaboration through copy and paste URL navigation for GIT and Notebook integration

No licensing restrictions for all Db2 offerings and editions, Db2 V10.5+

Open and Extensible Development through RESTful APIs for ML driven operational analysis

Deploy through onto Windows, Linux or **MacOS**, AIX, Linux on z and Docker coming soon.

The screenshot shows the 'All Databases' page in the Db2 Data Management Enterprise Console. It displays a table with columns for Connection Name, Alerts, Responsiveness, Throughput, Resource Usage, Contention, and Time Spent. A graph for 'Average Response Time (ms)' is overlaid on the table, showing a peak of 234ms. The graph includes a legend indicating '1+ STD larger than normal'.

Connection Name	Alerts	Responsiveness		Throughput		Resource Usage				Contention		Time Spent		
		Availa...	Perfor...	Respo...	State...	Rows Read	UOW/sec	CPU	Memory	Storage	Log Sp...	Lock Wa...	Connection	Top Time S...
REPO	4	3	234	234	8.25k	5	92%	92%	10%	10%	0	3	52%	1D
TPCDS-SVL	4	3	93	93	50.4k	19	89%	89%	2%	2%	0	2	52%	1D
PK083	4	3	50	50	24.8k	15	70%	70%	50%	50%	0	1	52%	1D
PK082			12	12	30.5k	12	13%	13%	90%	90%	0	3	52%	1D
TPCDS2Jason			8	8	4.12k	10	65%	65%	10%	10%	0	5	52%	1D
CommonWorkload...	2	1	67	67	5.60k	2	4%	4%	5%	5%	0	1	52%	1D
db2Warehouse...	1		123	123	1.25k	3	78%	78%	12%	12%	0	3	52%	1D
corporate			234	234	5.4k	5	92%	92%	17%	17%	0	2	52%	1D
dashDBLocal162	1	4	19	19	89%	89%	28%	28%	0	1	52%	1D		
dashDB_T1			15	15	70%	70%	20%	20%	0	3	52%	1D		
dashDB_T2	1		12	12	13%	13%	50%	50%	0	5	52%	1D		
dpl			10	10	65%	65%	10%	10%	0	13	52%	1D		
REPO			2	2	4%	4%	2%	2%	0	2	52%	1D		
TPCDS-SVL	3	1	123	123	5.40k	3	78%	78%	50%	50%	0	1	52%	1D
PK081			34	34	4.8k	5	92%	92%	90%	90%	0	3	52%	1D

The screenshot shows the configuration page for the 'Executes SQL statements' endpoint. It includes a search bar, a navigation menu with categories like AUTHENTICATION, DATABASE OBJECTS, DATA LOAD, FILE STORAGE, SQL, MONITORING, SETTINGS, UTILITIES, PLATFORM KEYS, and USERS. The 'SQL' category is selected, and the 'Executes SQL statements' endpoint is highlighted. The configuration details include:

- commands**: string **Required**. The SQL script to be executed.
- limit**: integer <int32> **Required**. **Default: 1000**. Maximum number of rows that will be fetched for each result set.
- separator**: string **Required**. SQL statement terminator. A character that is used to mark the end of a SQL statement when the provided SQL script contains multiple statements.
- stop_on_error**: string **Required**. If 'yes', the job stops executing at the first statement that returns an error. If 'no', the job continues executing if one or more statements returns an error.

The screenshot shows the request body configuration for the 'Executes SQL statements' endpoint. It includes a search bar, a navigation menu, and a 'REQUEST SAMPLES' section with tabs for JSON, Curl, Java, Javascript, and Python. The Python tab is selected, showing the following code:

```
import http.client

conn = http.client.HTTPSConnection("{HOSTNAME}")

payload = "{\"name\":\"<ADD STRING VALUE>\"}"

headers = {
    'content-type': "application/json",
    'authorization': "Bearer {AUTH_TOKEN}"
}

conn.request("POST", "/dbapi/v4/schemas", payload, headers)

res = conn.getresponse()
data = res.read()

print(data.decode("utf-8"))
```

Call to Action!

Get started, download today

ibm.biz/Db2Console

Where are we going?

We plan to deliver full Data Server Manager function in 2020

ibm.biz/DMCRoadmap