IDUG

2026

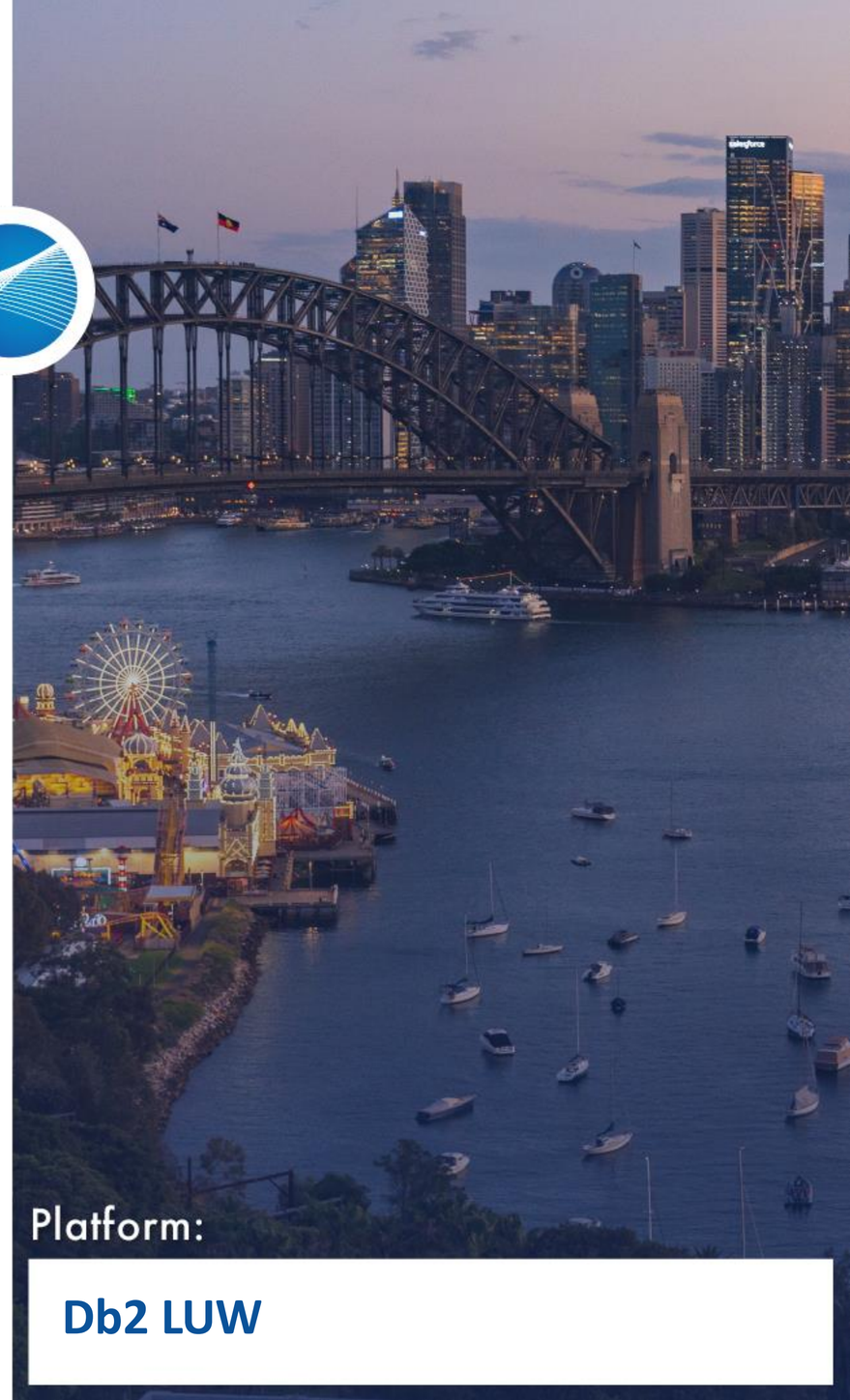
Sydney | March 16 - 18

AU Db2 TECH CONFERENCE

Db2 Bridge Update

Greg Petrossian, *IBM*

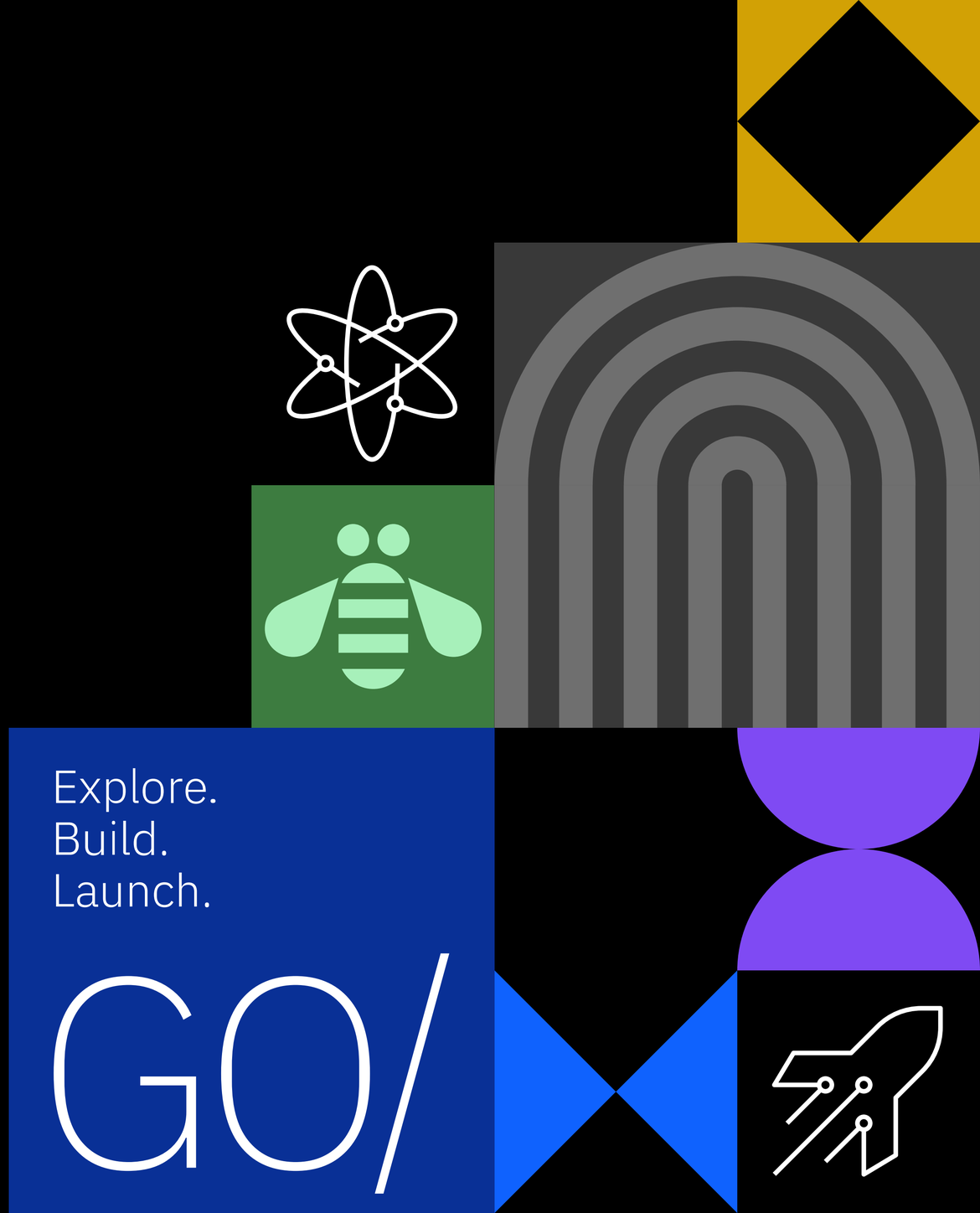
Session Code: B11



Platform:

Db2 LUW

IBM Db2 Bridge



Agenda

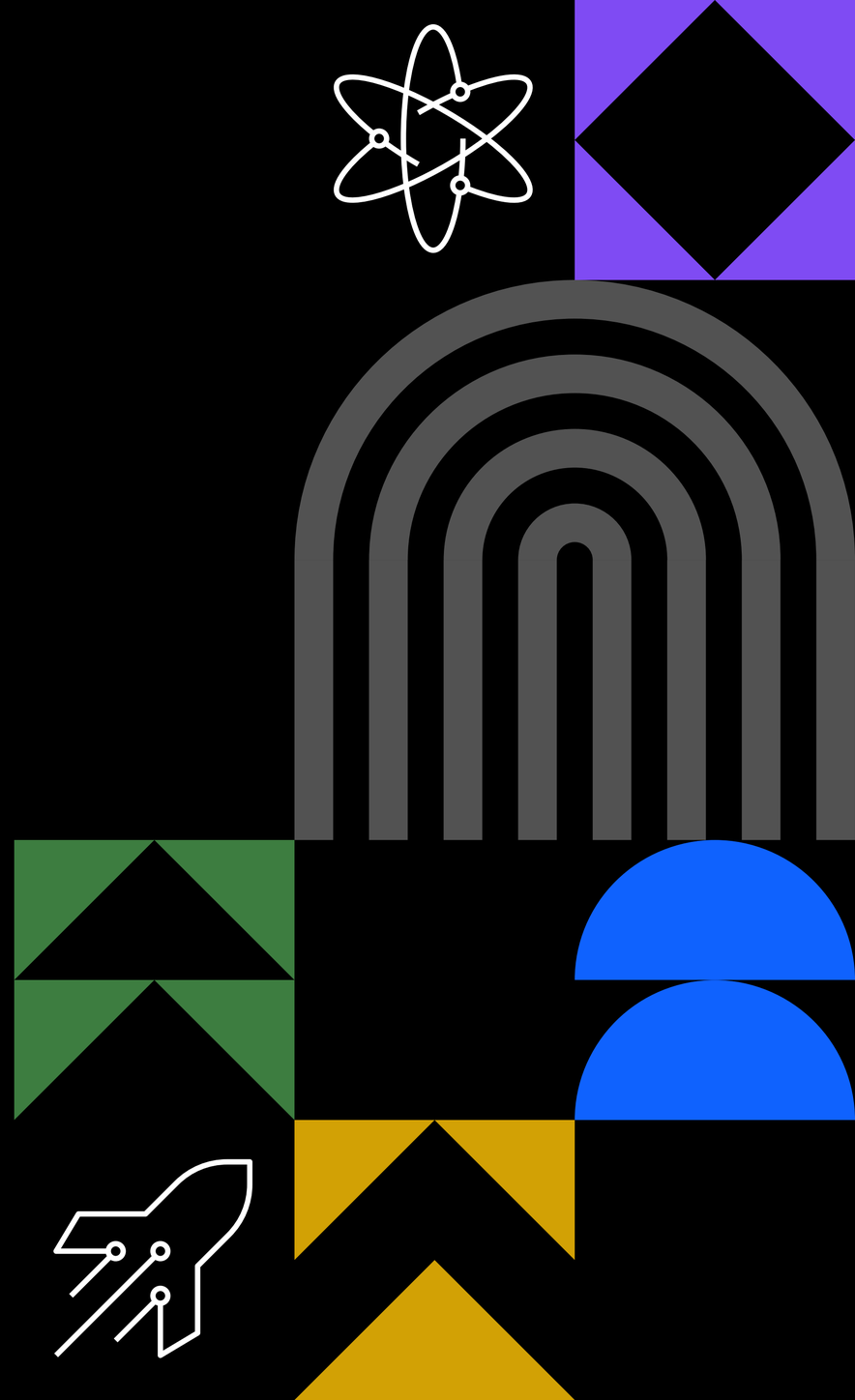
01 Overview

02 Key Features

03 Roadmap

04 Important Links

05 Q & A



“

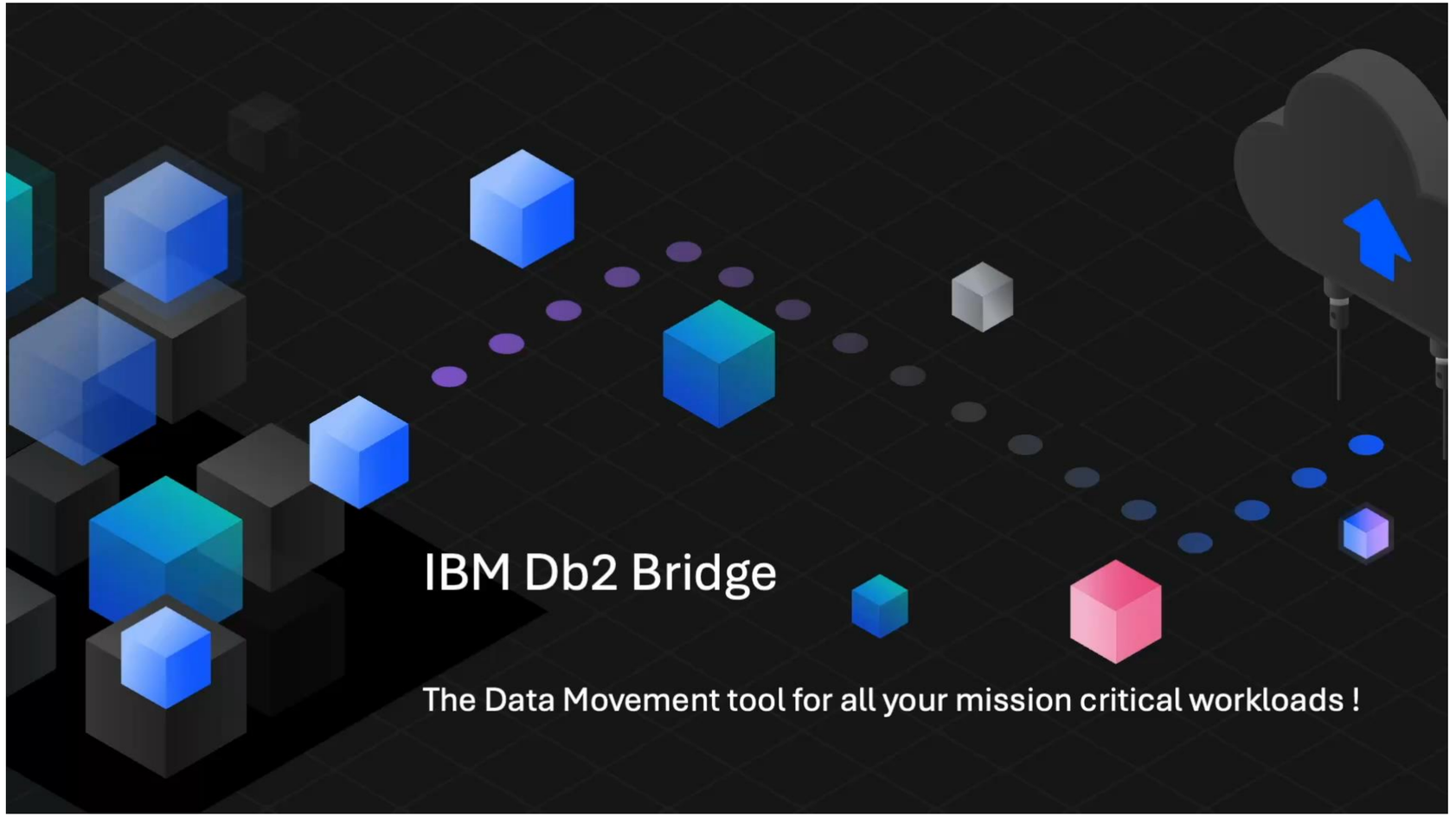
Data Migration Strategies to Cut Down Migration Costs by 70%.

”

https://firsteigen.com/blog/data-migration-strategies-to-cut-down-migration-costs-by-70

IBM Db2 Bridge

Zero-ETL data movement solution for Db2 database migrations



Unified Data Movement
One solution for all data movement between Db2 databases

Hybrid Cloud
All Db2 deployments supported, cloud & on-prem

Multiple Db2 versions
Support for Db2 versions as far back as 10.5 and newer

Moves all schema objects
Clones all tables, views, procedures, indexes and more

Fast unload with HPU
Supports Optim High Performance Unload

More on the way
New sources and additional capabilities coming

IBM Db2 / © 2026 IBM Corporation

[1] Data Migraiton Strategies to Cut Down Migration Costs by 70%

Agenda

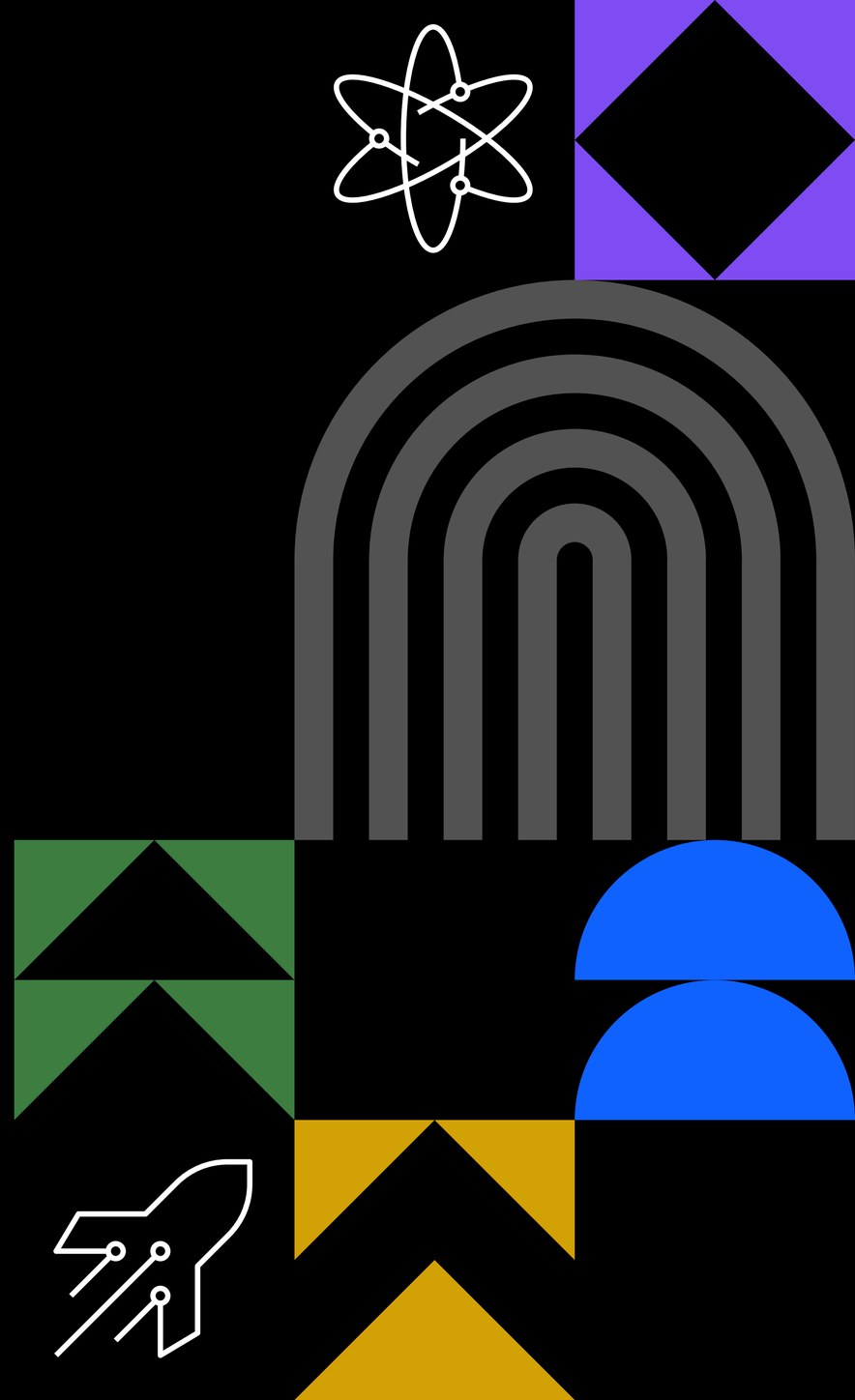
01 Overview

02 Key Features

03 Roadmap

04 Important Links

05 Q & A



Db2 Bridge: One Data Movement solution for all your Mission-Critical Workloads

Migration to Db2

IBM Db2

IBM Db2 Warehouse

Db2 on Power 10 Cloud Rack

Db2 Data files

Bring your workloads from Teradata and

IBM Integrated Analytics System (IIAS 4002 aka Sailfish)

Data Transfer

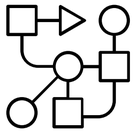
Accommodates complex data movement around ETL use-cases

DevOps

Help speed up the development, by quickly standup Dev/Test environment based on production baseline.

Db2 Bridge: Strengths

Supports a variety of deployments; On-prem or Cloud; Transactional or Analytical workloads.



Preserves data integrity by analyzing the dependencies between objects

Operating system agnostic, and not impacted by big/little endian formats or other code page differences

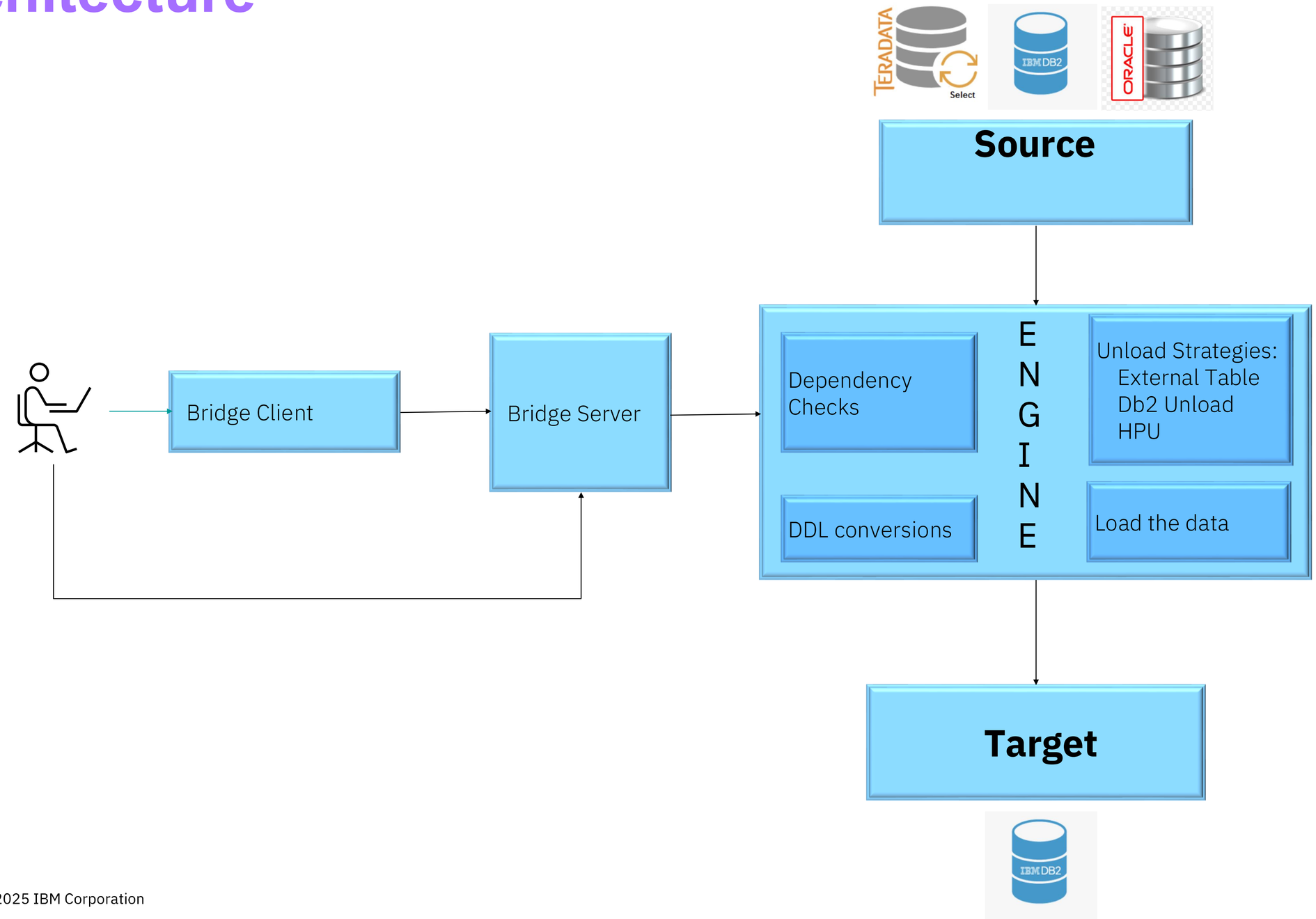
Ability to scope the the objects; Schema or granular levels;

Support for Row/Columnar formats
.

Db2 Bridge Overview

- Standalone Software, must be installed on Linux; Power or X86.
- Supports RHEL 8 and RHEL 9
- For source, supports Db2 releases 10.5 or later
- For target, supports Db2 releases 11.5 or later
- Ability to enable HPU, to utilize Optim High Performance Unload.
- Comes with an intuitive UI and a powerful CLI

Architecture



Agenda

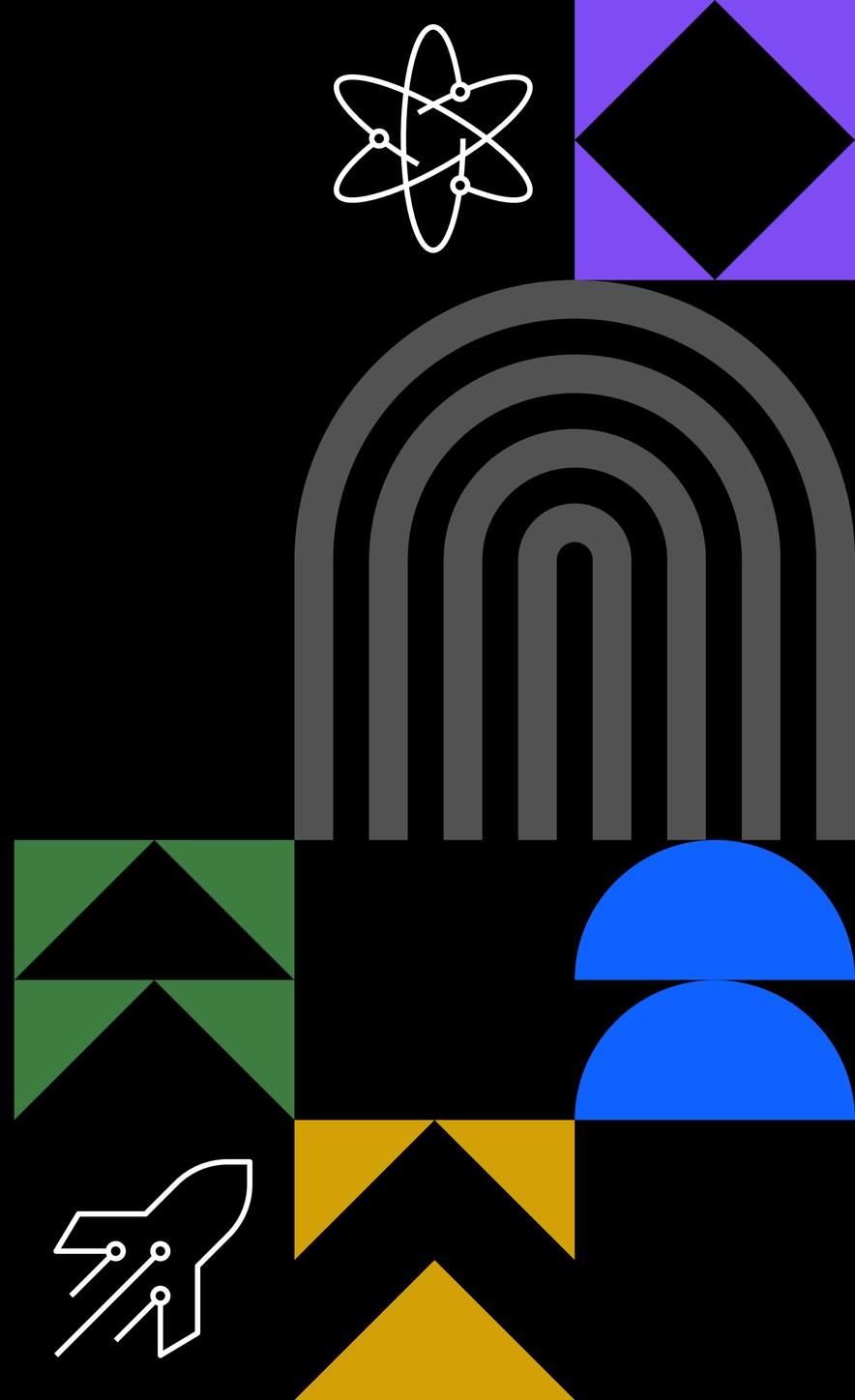
01 Overview

02 Key Features – Db2 migration

03 Roadmap

04 Important Links

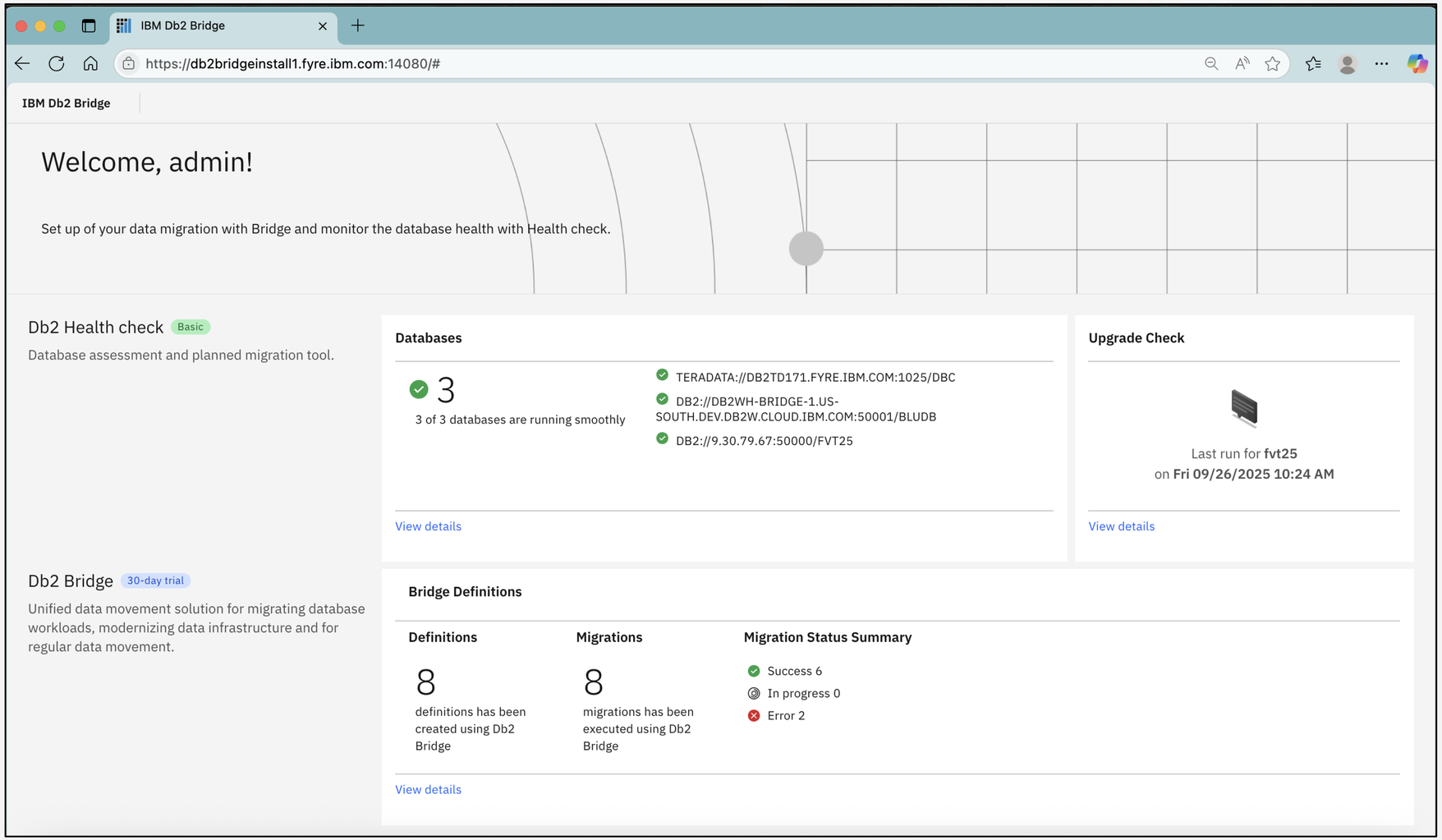
05 Q & A



Db2 Bridge

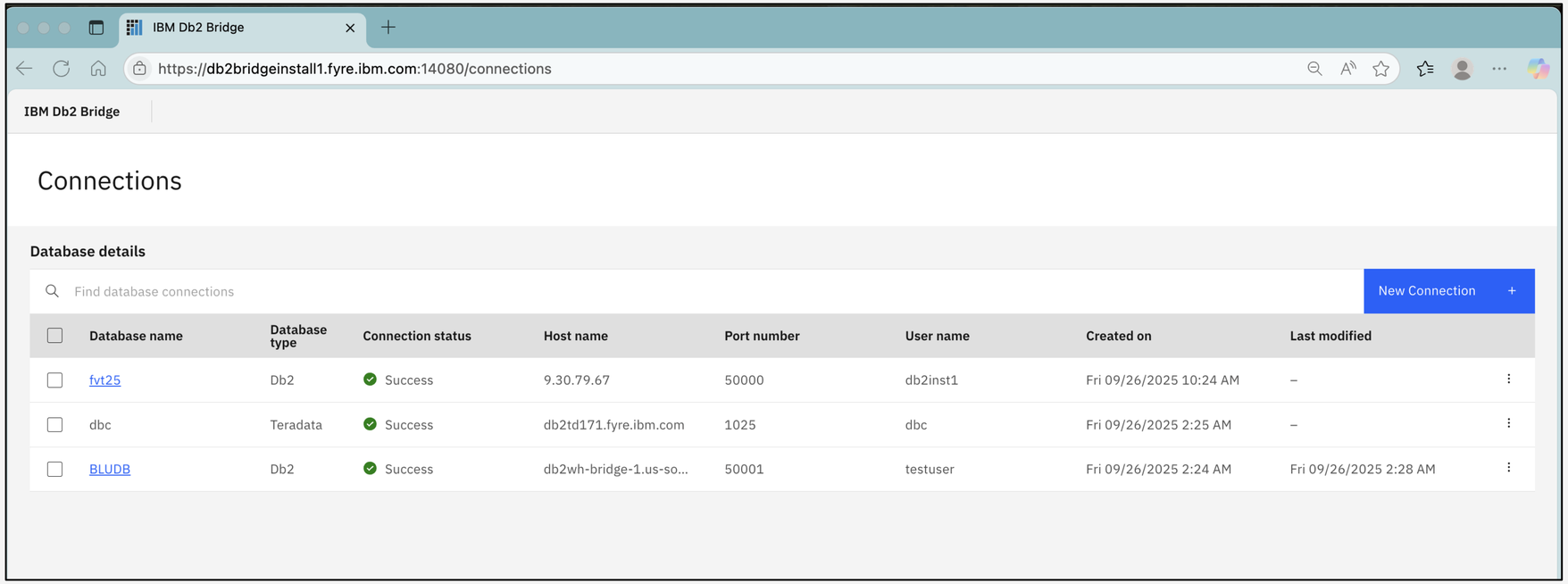
The Landing Page

- Db2 Health Check
- Database Connections
- Bridge Definitions



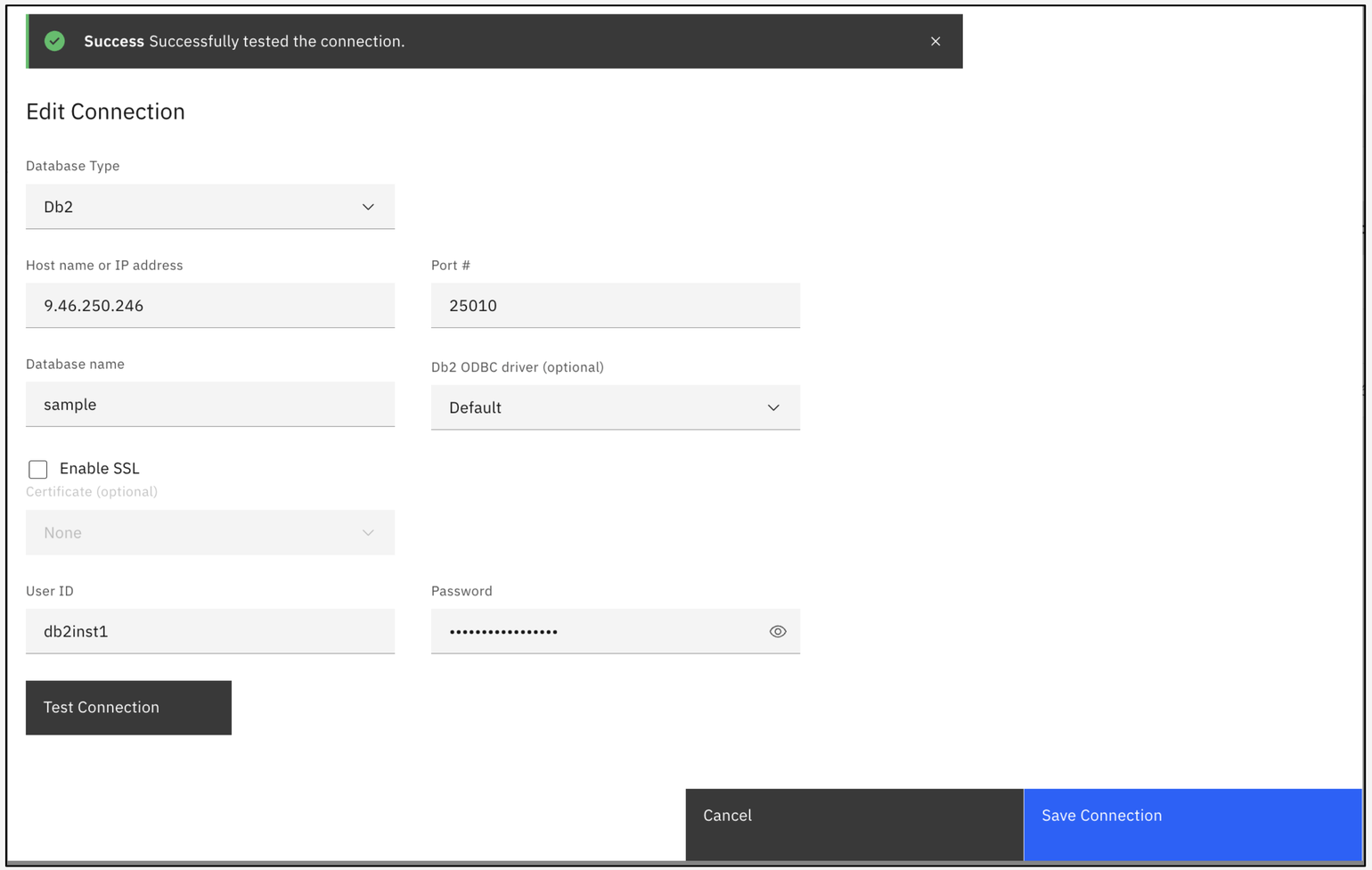
Db2 Bridge

Database Connections



Db2 Bridge

New Connection



Migration - Db2 as Source and Target

Sources

Db2
Db2 on Cloud
Db2 Warehouse
Db2 Warehouse on Cloud
IIAS 4002 aka Sailfish
Db2 Data files

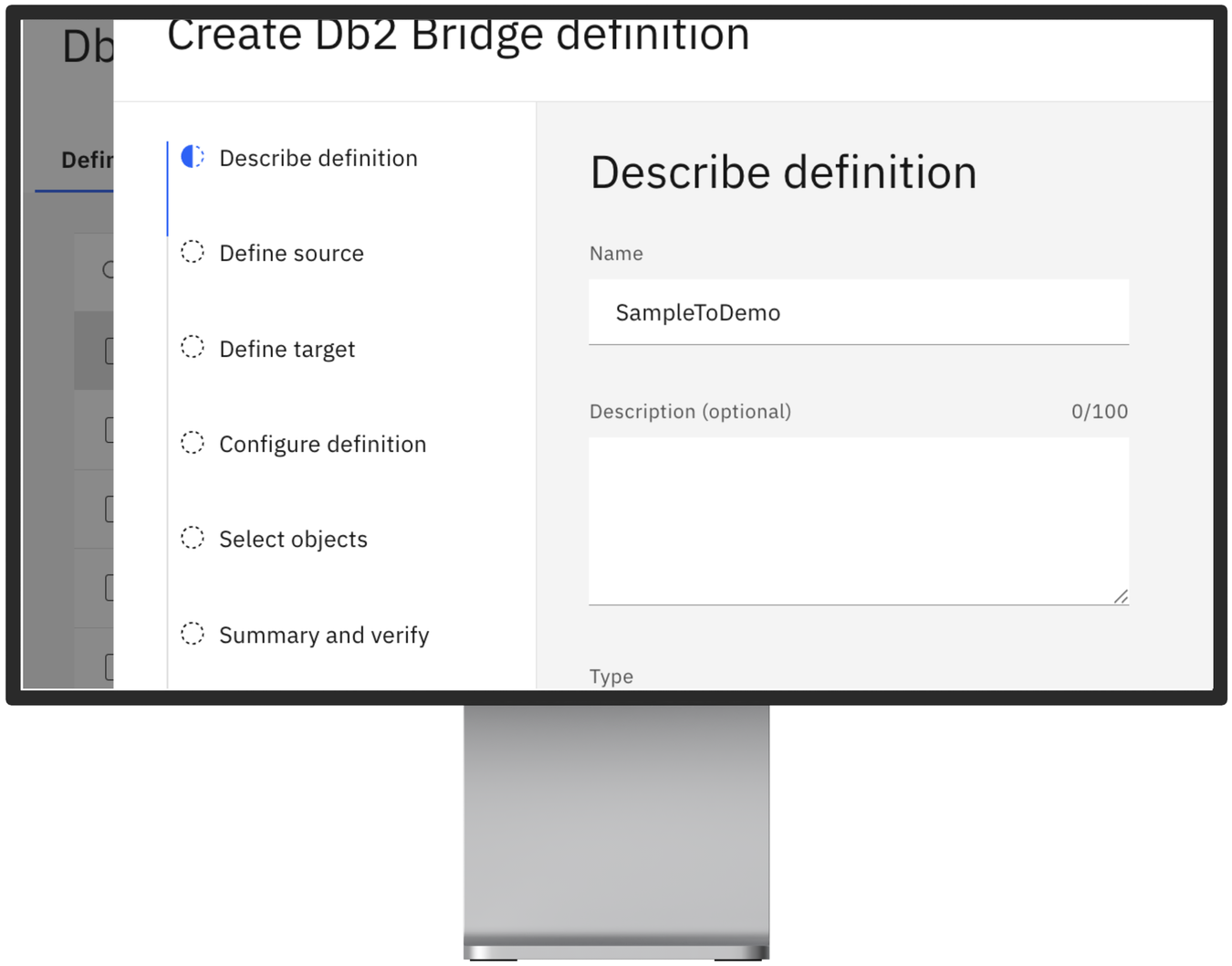
Db2. On-prem or Cloud

Targets

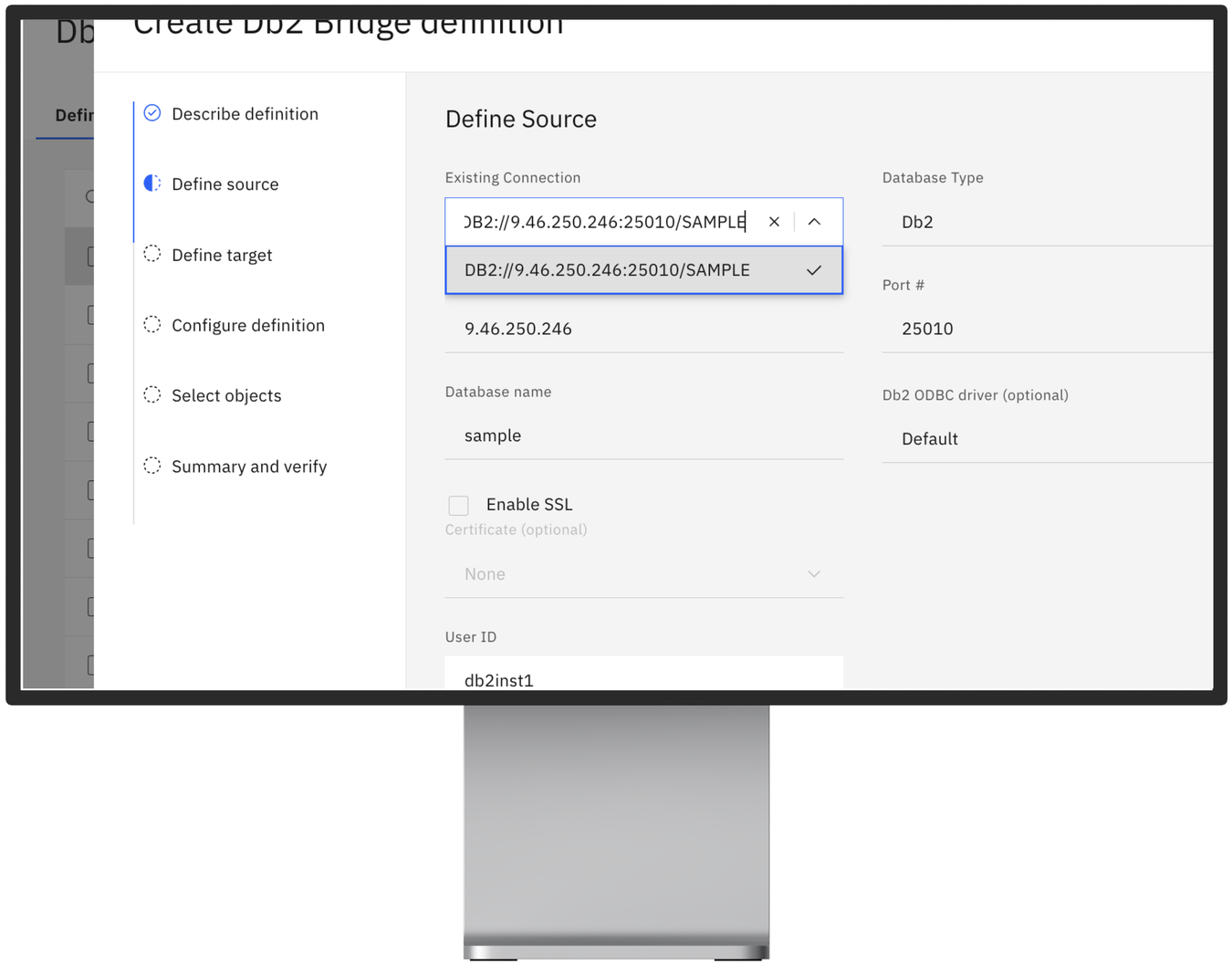
Db2
Db2 on Cloud
Db2 Warehouse
Db2 Warehouse on Cloud
Db2 Power 10 Cloud Rack
Db2 Data files

Db2. On-prem or Cloud

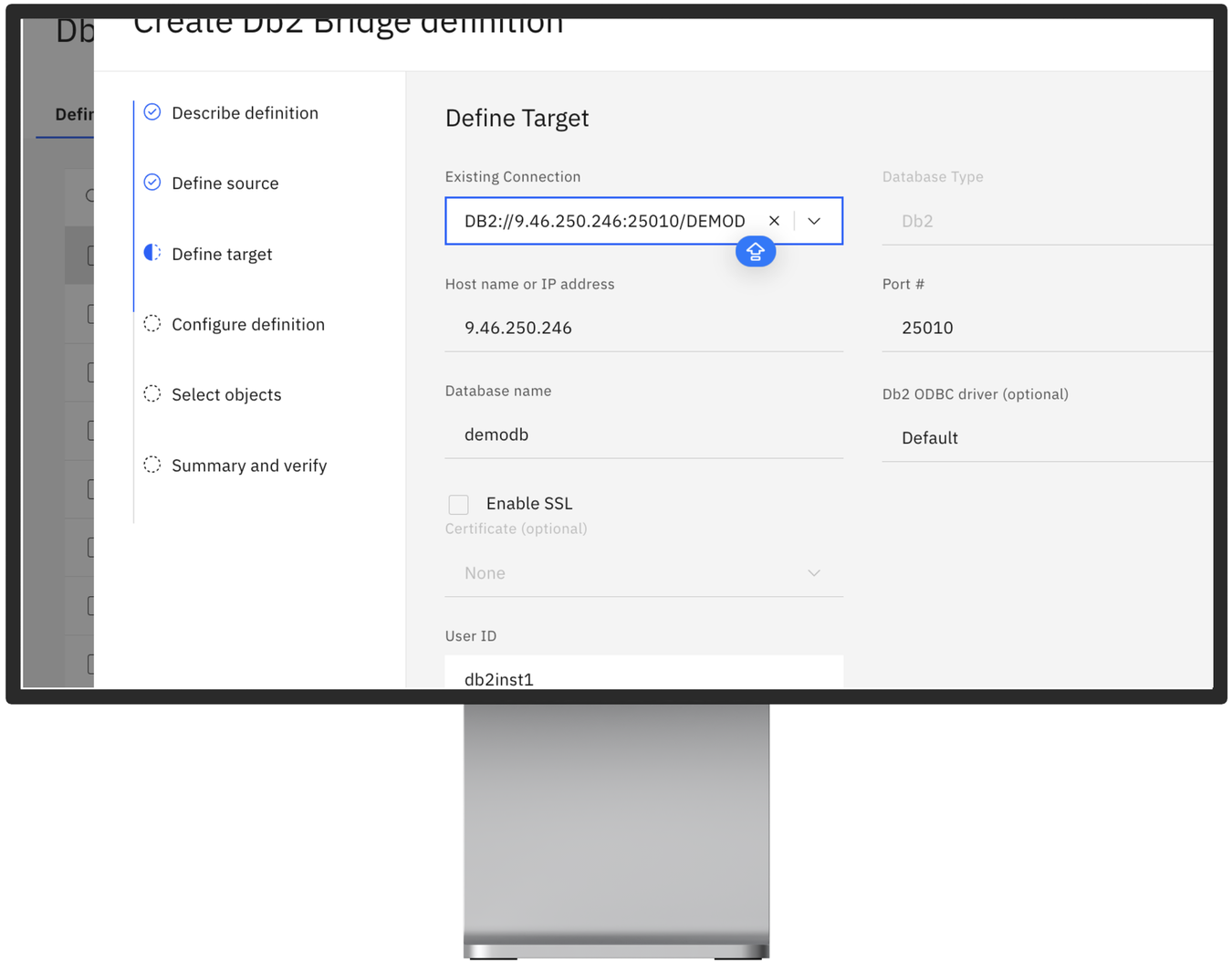
Create New Bridge Definition



Specify Source

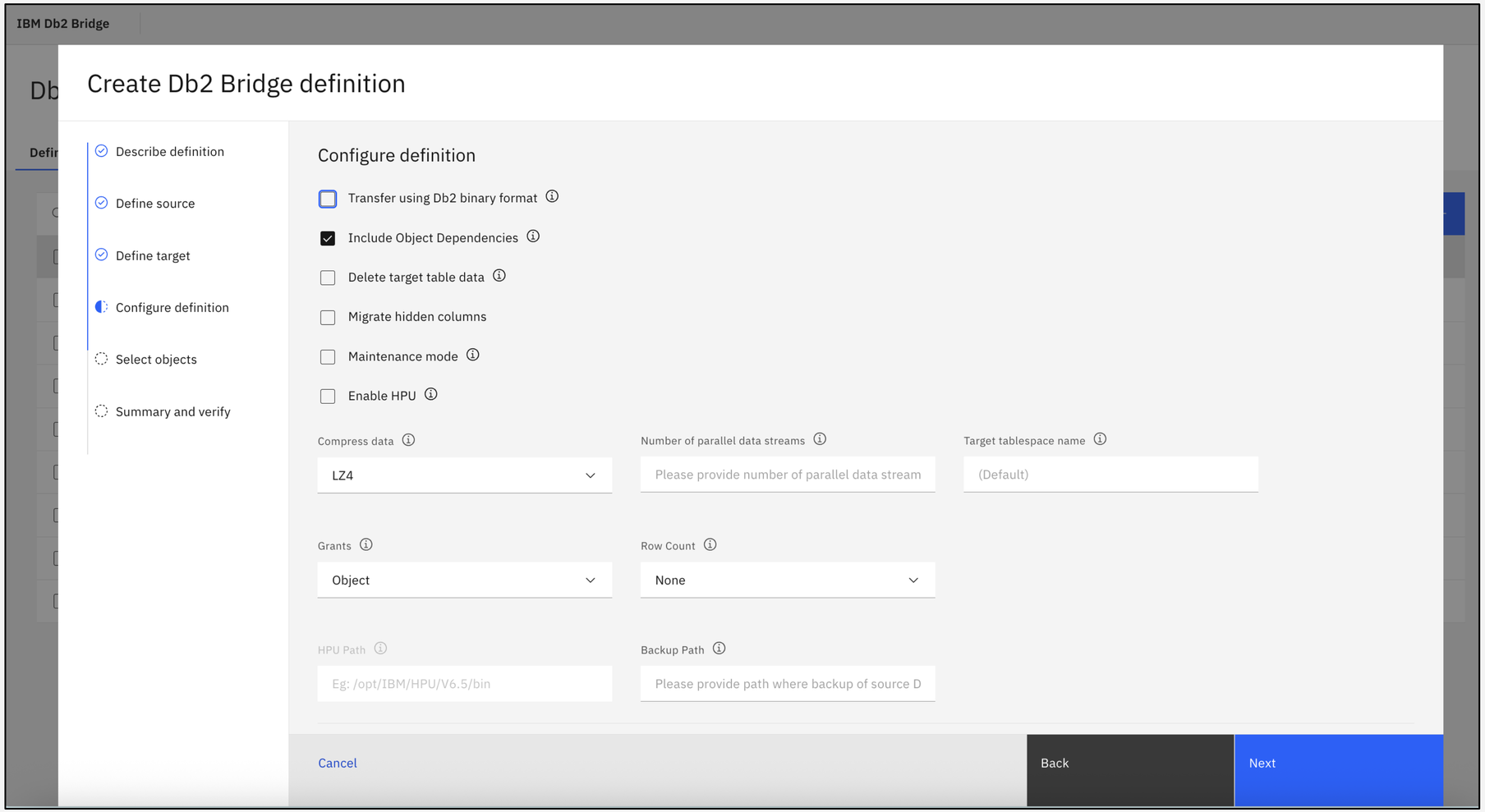


Specify Target

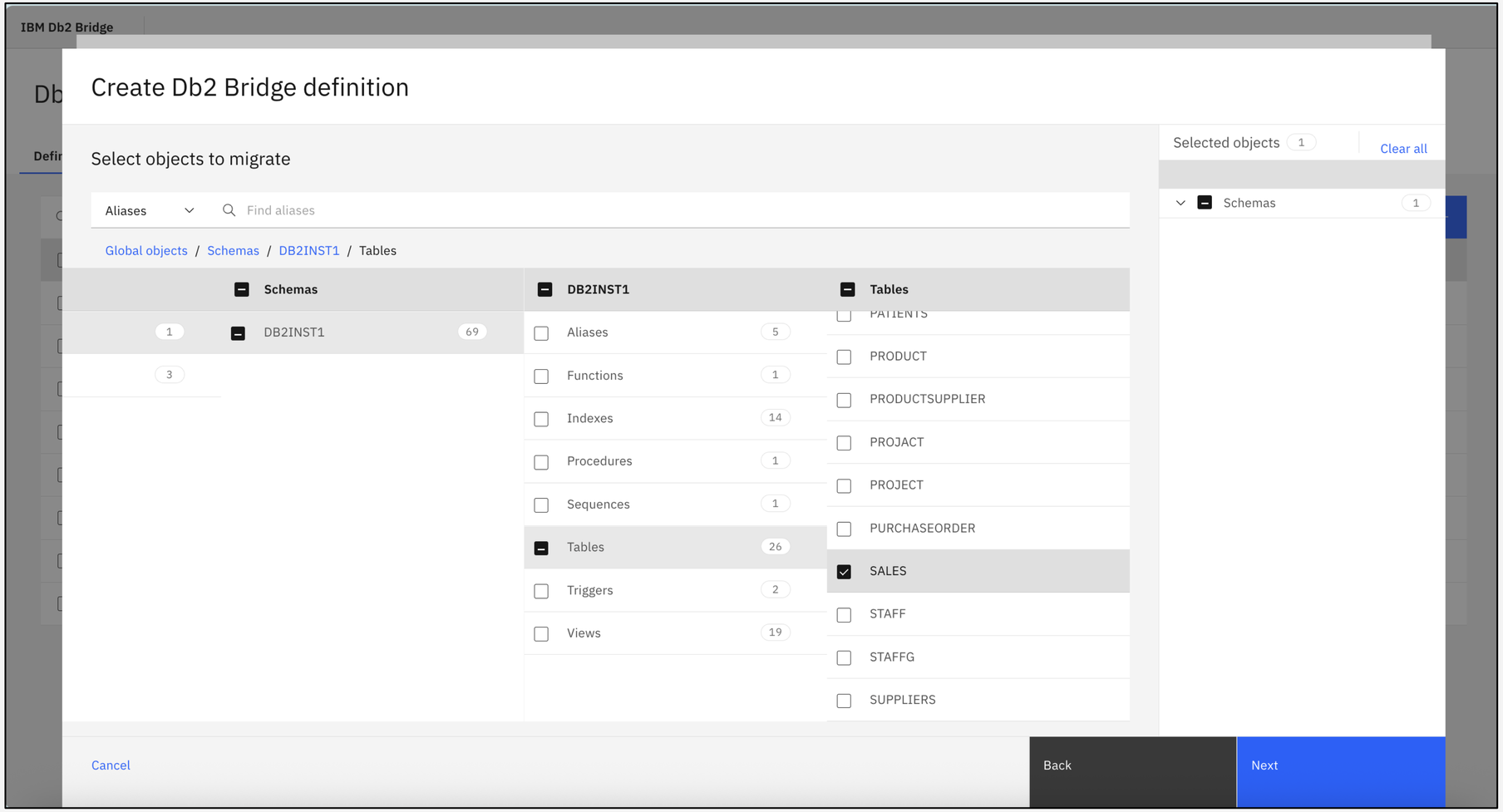


Configuration Options

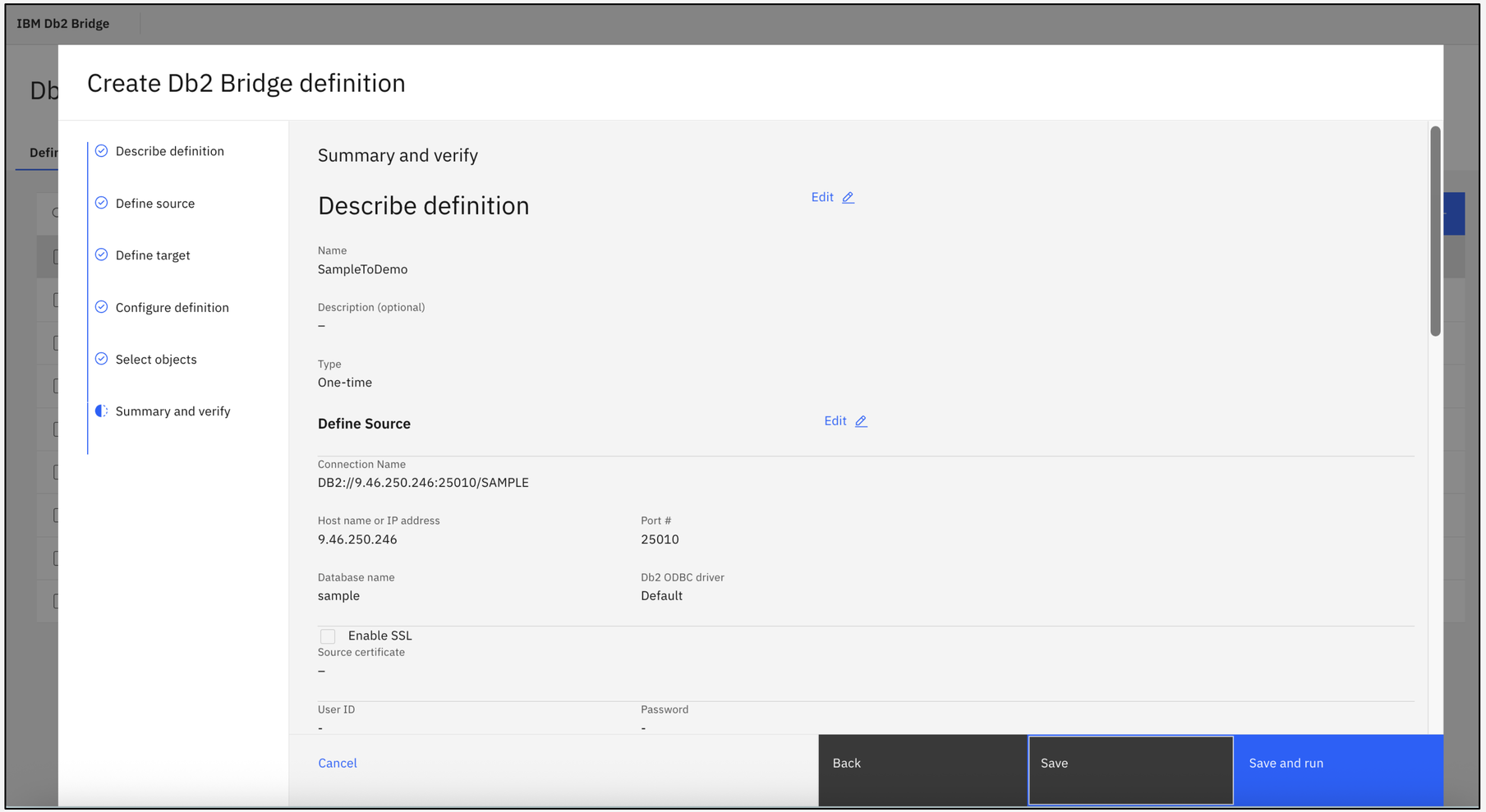
- Object Dependencies
- Number of parallel Streams
- Compress formats
- Delete target data, if exists
- Enable HPU



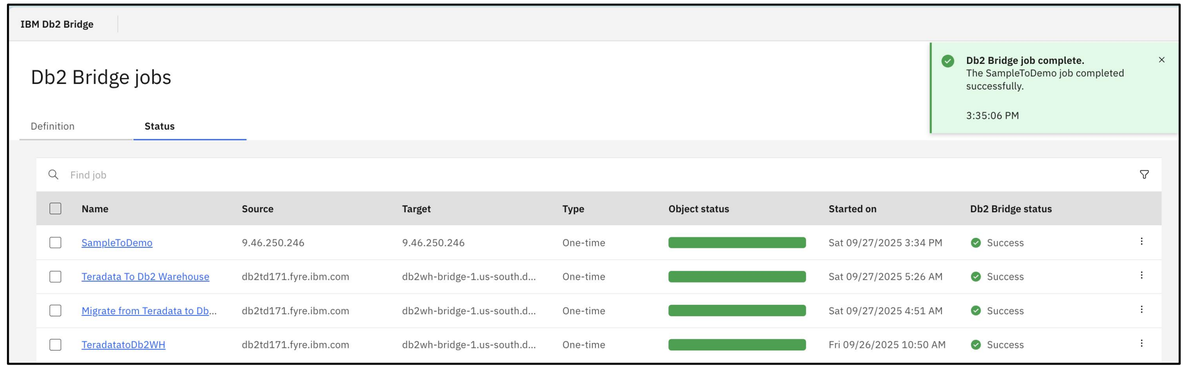
Selection of Objects



Summarize & Run



Job Success




```
[db2inst1@c4533v1 ~]$ db2 connect to demodb

   Database Connection Information

 Database server        = DB2/LINUXX8664 12.1.2.0
 SQL authorization ID   = DB2INST1
 Local database alias   = DEMODB

[db2inst1@c4533v1 ~]$ db2 list tables

Table/View                      Schema          Type  Creation time
------------------------------- --------------- ----- --------------------------
SALES                           DB2INST1        T     2025-09-27-15.34.47.220605

  1 record(s) selected.

[db2inst1@c4533v1 ~]$ db2 "select count(*) from db2inst1.Sales";

1
-----------
         41

  1 record(s) selected.

[db2inst1@c4533v1 ~]$
```

Log

View log

```
15:34:49.726 |    TRACE | <70744:MainThread> logger.py:86 | LOAD: /var/lib/ibm_db2bridge_platform/venv/bin/python3.11
/usr/local/ibm_db2bridge_platform/db_migr/scenarios/common/db2/connection/query_script.py libdb2o.so 9.46.250.246 25010 demodb db2inst1 *****
False INSERT INTO (SELECT "SALES_DATE","SALES_PERSON","REGION","SALES" FROM "DB2INST1"."SALES" LIMIT 0) SELECT * FROM EXTERNAL
'/var/lib/ibm_db2bridge_platform/log/db_migr-
20250927_153425.538357/com.ibm.migration.unload.8r4q8vs6/217301d81839492cb95d6a8323de98d0migr.pipe.000' ("SALES_DATE" SYSIBM  .DATE,
"SALES_PERSON" SYSIBM  .VARCHAR(15 OCTETS), "REGION" SYSIBM  .VARCHAR(15 OCTETS), "SALES" SYSIBM  .INTEGER) USING ( LOGDIR
'/var/lib/ibm_db2bridge_platform/log/db_migr-20250927_153425.538357/com.ibm.migration.unload.8r4q8vs6/217301d81839492cb95d6a8323de98d0'
BOOLSTYLE '1_0' CCSID 1208 CRINSTRING True DATEDELIM '-' DATESTYLE 'YMD' DECIMALDELIM '.' DELIMITER '|' FORMAT 'TEXT' INCLUDEHEADER False
INCLUDEZEROSECONDS True NULLVALUE 'NULL' SOCKETBUFSIZE 8388608 TIMEDELIM ':' TIMESTYLE '24HOUR' ESCAPECHAR '\' COMPRESS LZ4 REMOTESOURCE 'YES'
QUOTEDVALUE 'DOUBLE'  ) SYSTEM
15:34:50.068 |    DEBUG | <70744:MainThread> db_handler.py:261 | Successful insertions - 9.46.250.246: 1/1
15:34:50.069 |    DEBUG | <70744:MainThread> db_handler.py:264 | Successful insertions - total: 1/1
15:34:50.069 |    DEBUG | <70744:MainThread> db_handler.py:747 | Successful extractions: 1/1
15:34:51.106 |    DEBUG | <70744:MainThread> migration_process.py:330 | Removing 1 pipes...
15:34:51.106 |    DEBUG | <70744:MainThread> migration_process.py:335 | Removing /var/lib/ibm_db2bridge_platform/log/db_migr-
20250927_153425.538357/com.ibm.migration.unload.8r4q8vs6/217301d81839492cb95d6a8323de98d0 ...
--------------------------------------------------------------------------------
 Db2 Bridge summary
        Source object:        "DB2INST1"."SALES"
        Target object:        "DB2INST1"."SALES"
        Object type:          tables
        Success:              True
        Elapsed:              00:00:04.547
        Start time:           2025-09-27 15:34:46.559021
        End time:             2025-09-27 15:34:51.106199
        No data (empty?):     False


15:34:57.119 |     INFO | <70703:MainThread> migration_runner.py:520 | Total time: 31.54346990585327 (0:00:31)
15:34:57.120 |    DEBUG | <70703:MainThread> migration_runner.py:710 | Migration finished with exit code 0
15:34:57.120 |     INFO | <70703:MainThread> migration_runner.py:714 | Log file: /var/lib/ibm_db2bridge_platform/log/db_migr-
20250927_153425.538357/db_migr-20250927_153425.564376.log
15:34:57.124 |     INFO | <70703:MainThread> migration_runner.py:724 | JSON file: /var/lib/ibm_db2bridge_platform/log/db_migr-
20250927_153425.538357/db2bridge_history_a450801f4d894a5b8601a2ebb17298e1/db2bridge_report.json
15:34:57.126 |    TRACE | <70703:MainThread> logger.py:86 | Db2Bridge executed with the following arguments:
        Explicit arguments:
```

Agenda

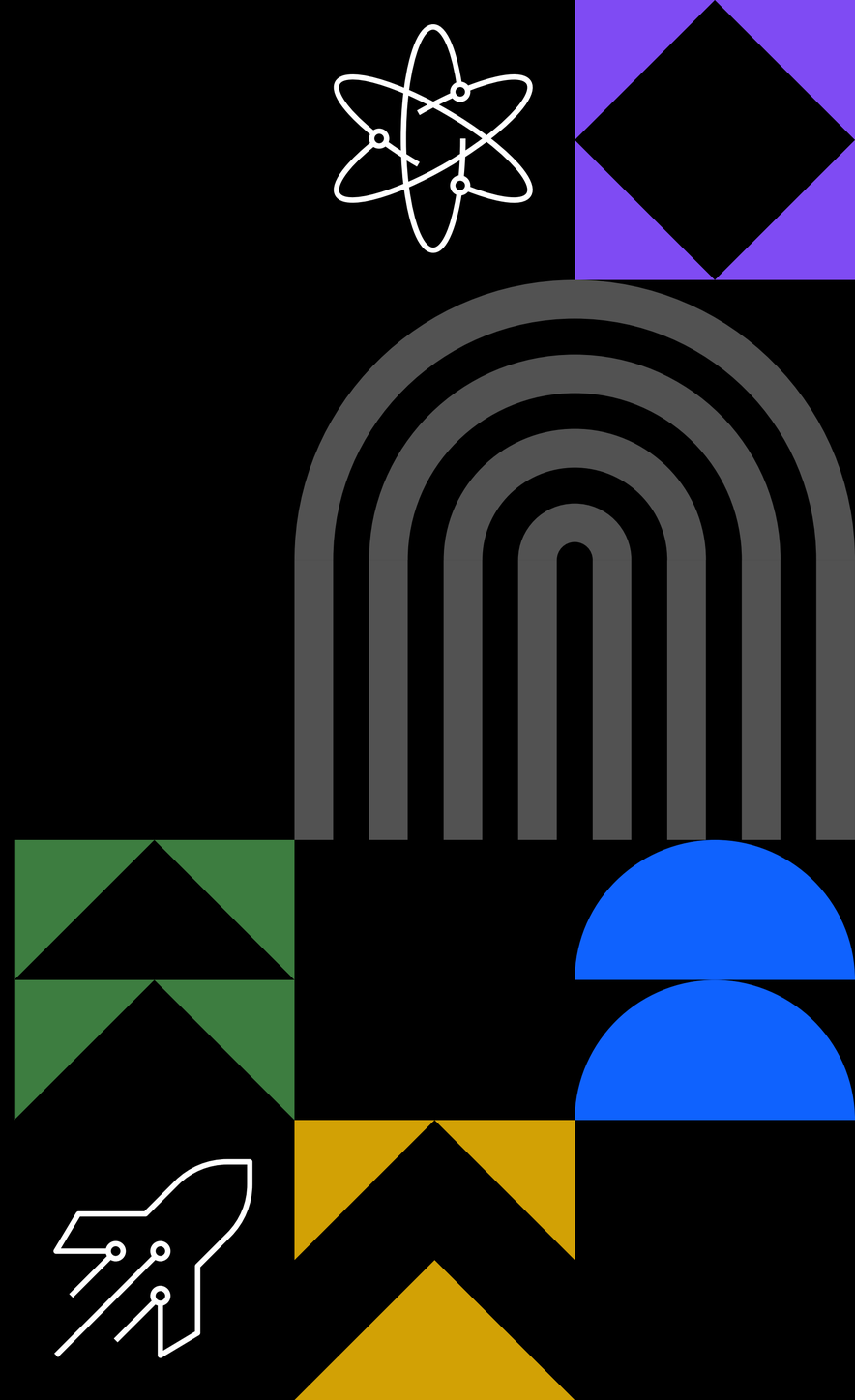
01 Overview

02 Key Features – Teradata migration

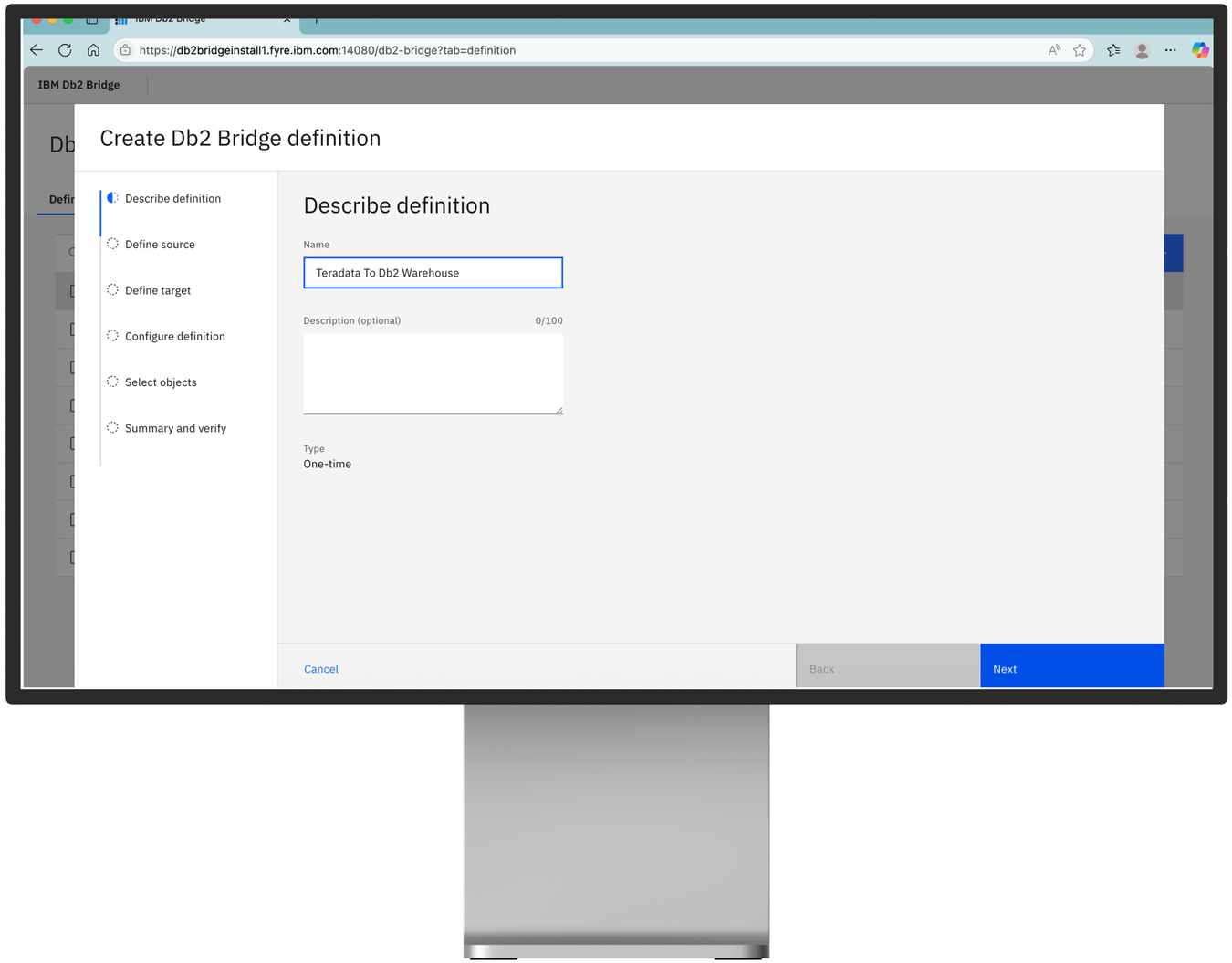
03 Roadmap

04 Important Links

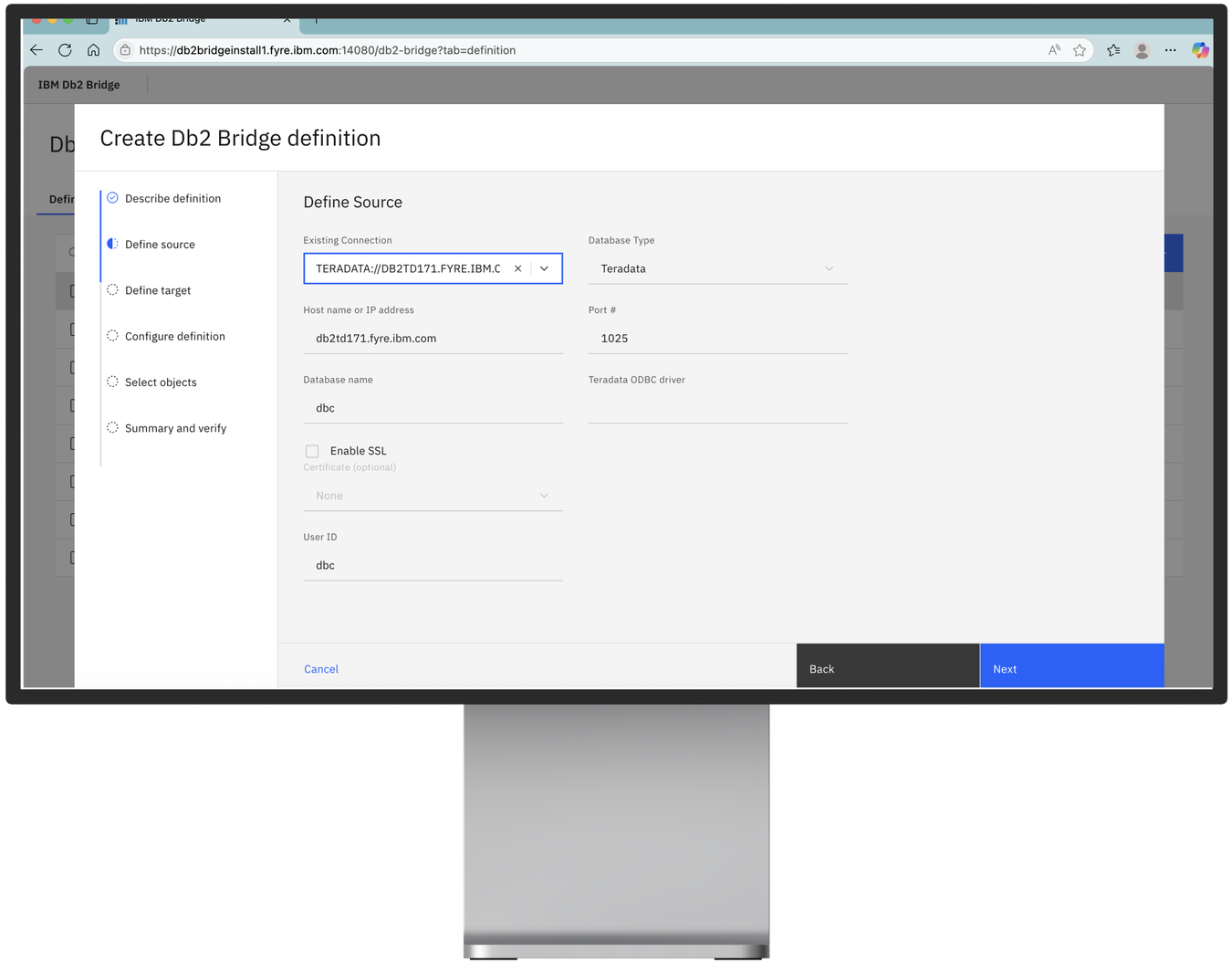
05 Q & A



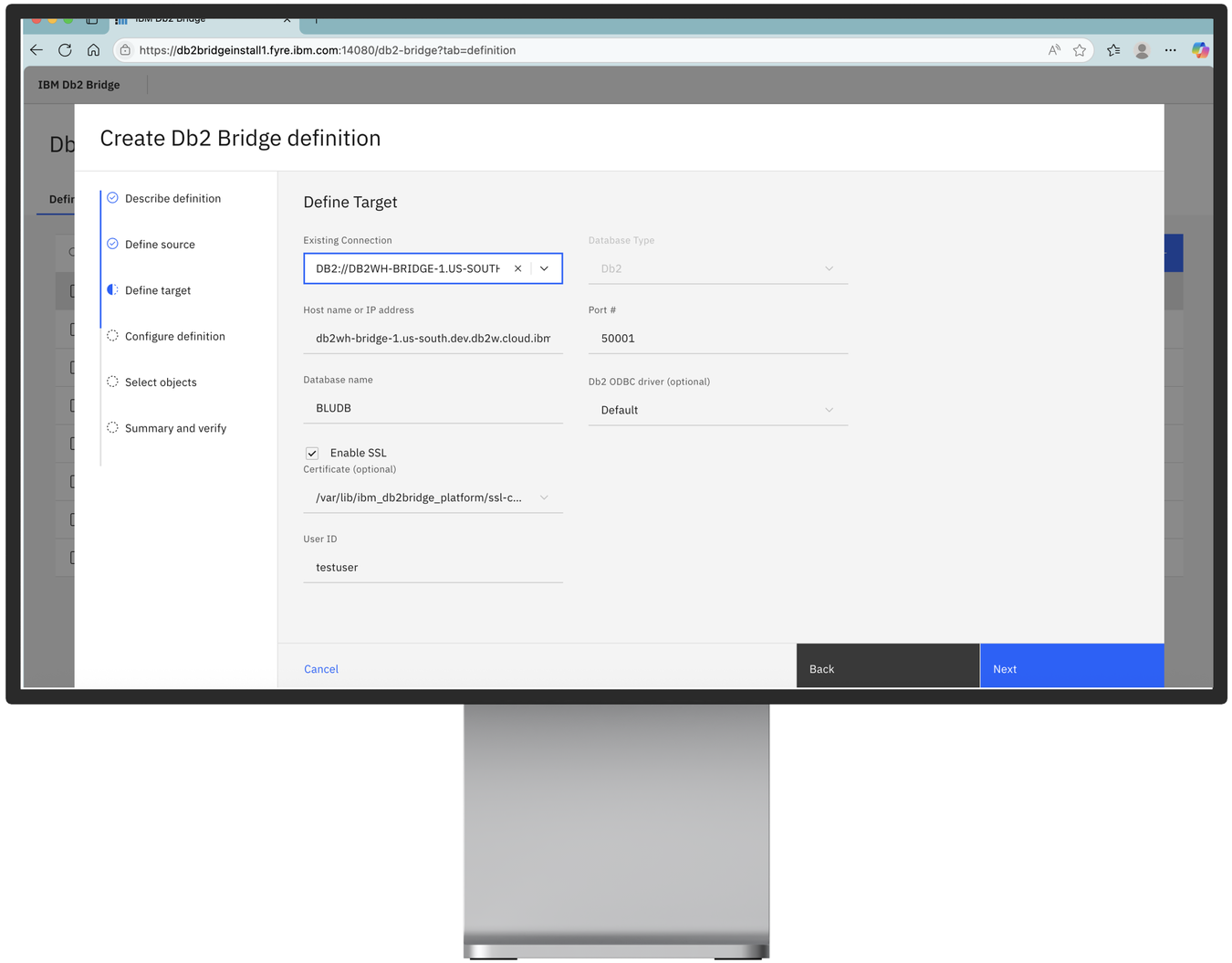
Create New Bridge Definition



Specify Source

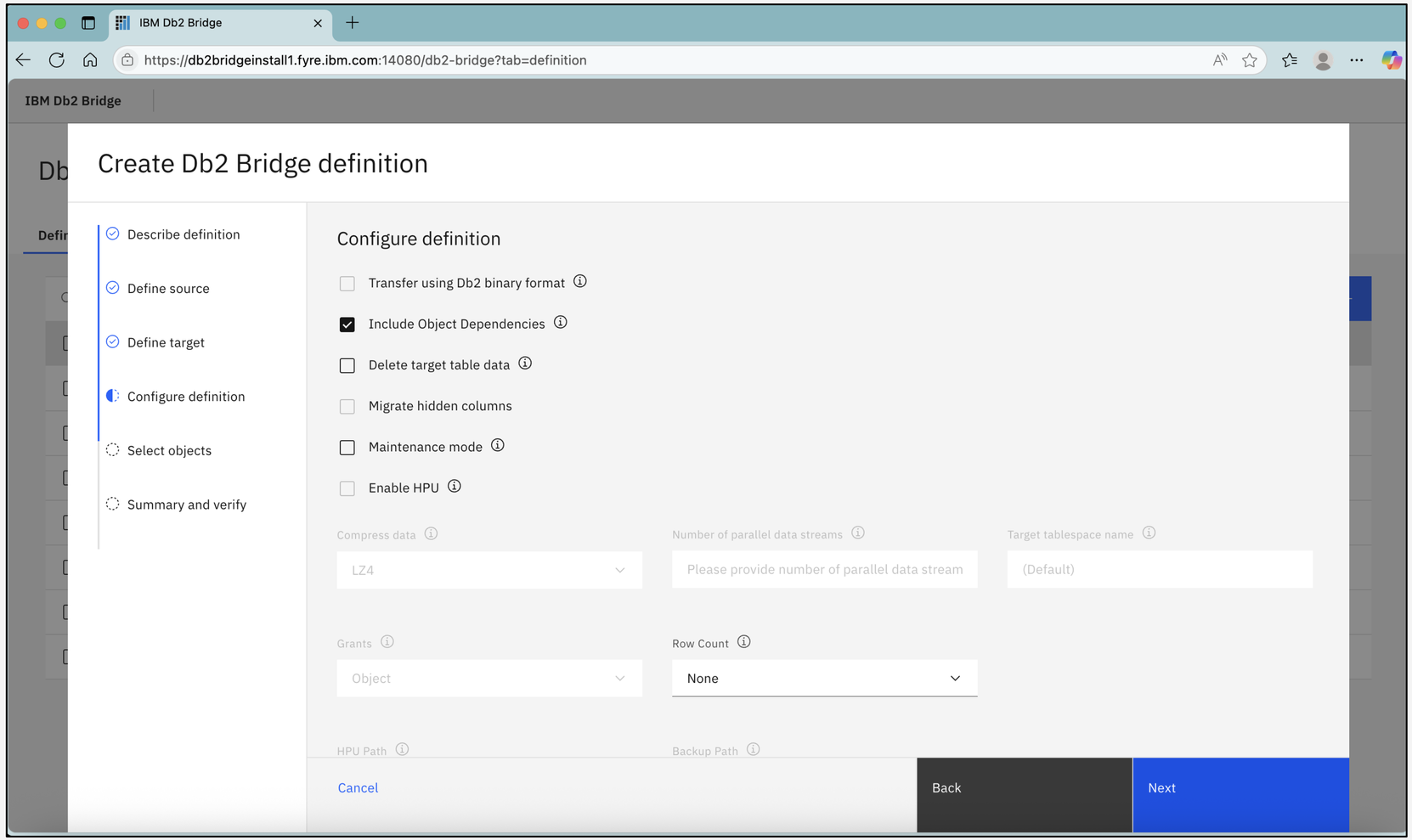


Specify Target

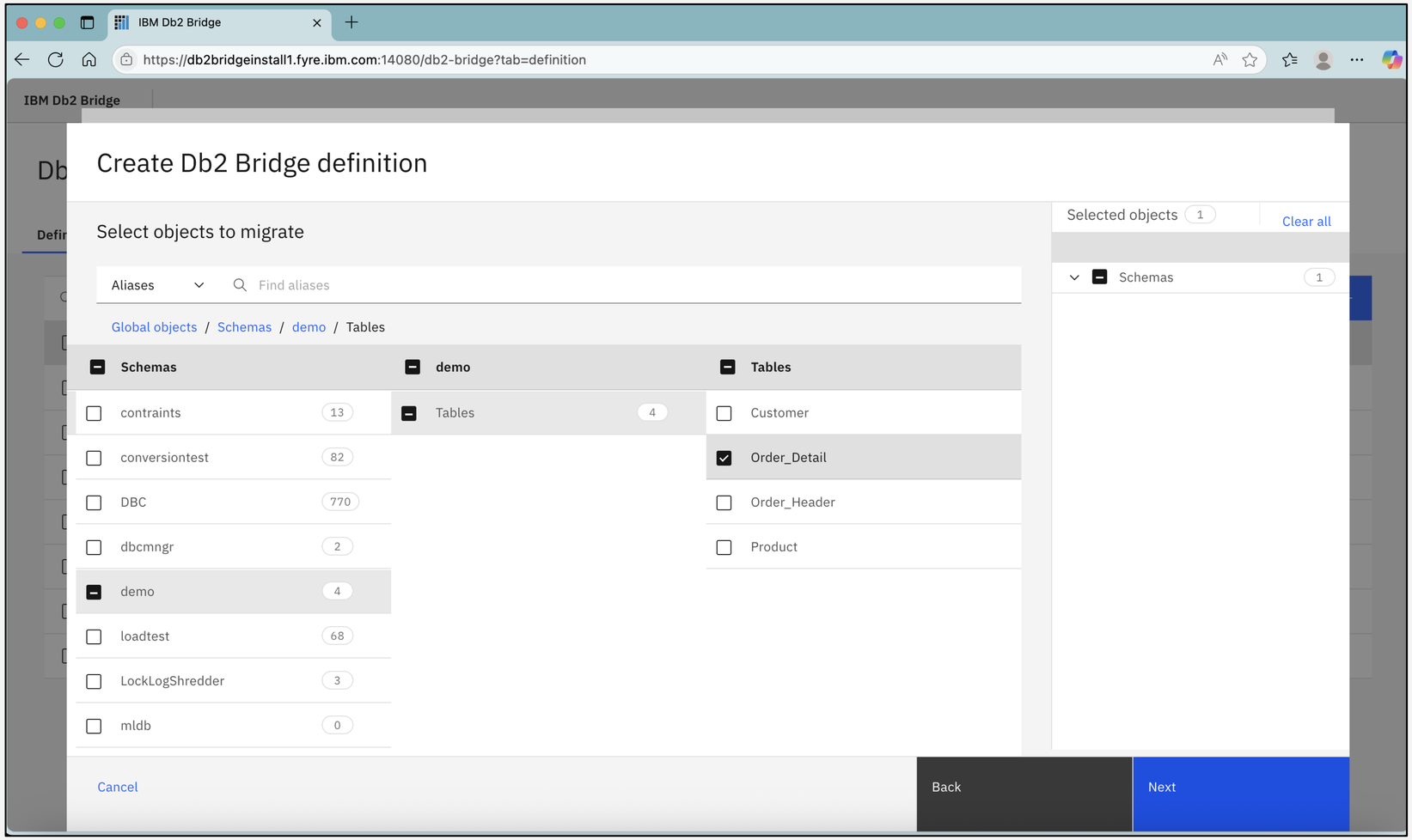


Configuration Options

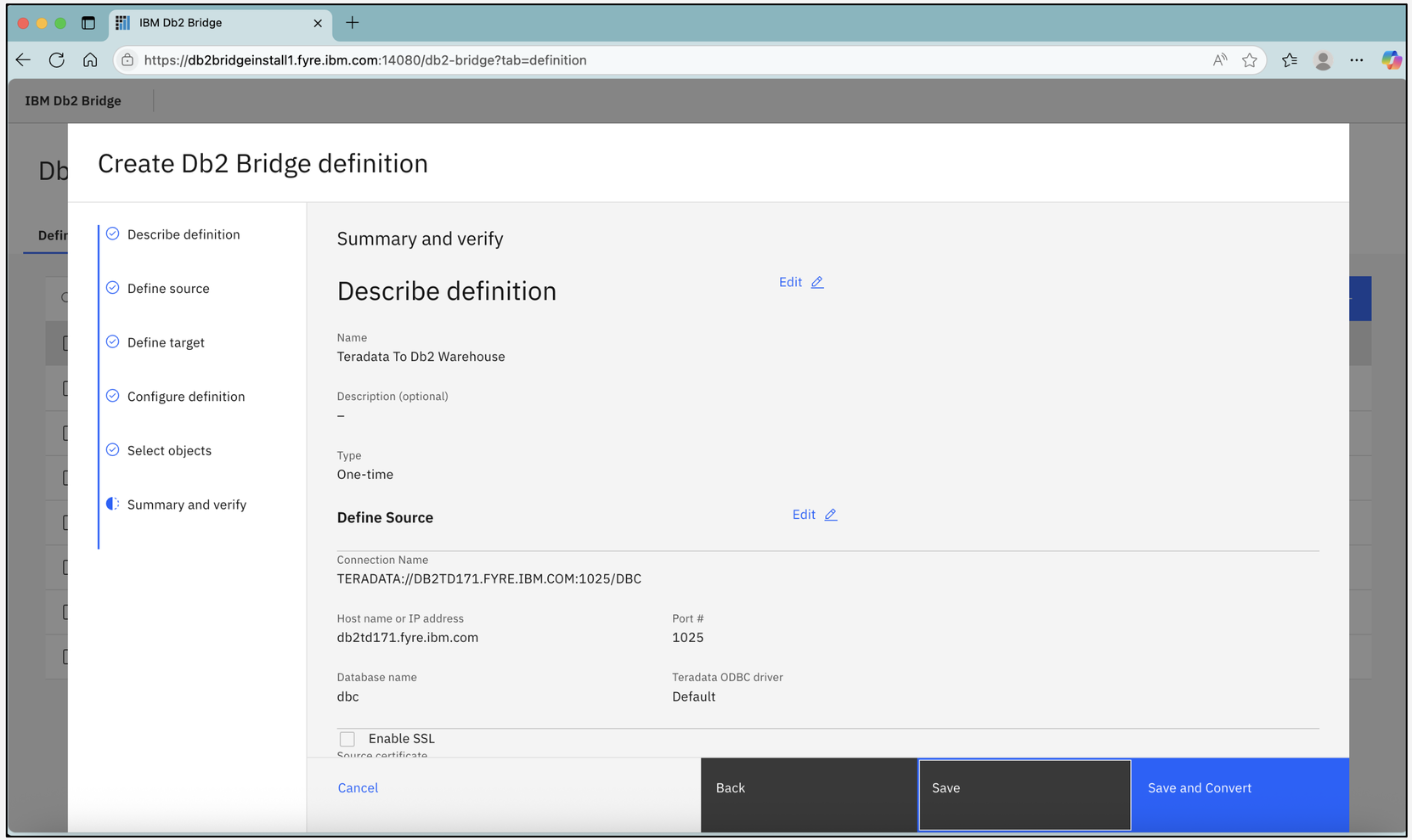
- Object Dependencies
- Number of parallel Streams
- Compress formats
- Delete target data, if exists
- Enable HPU



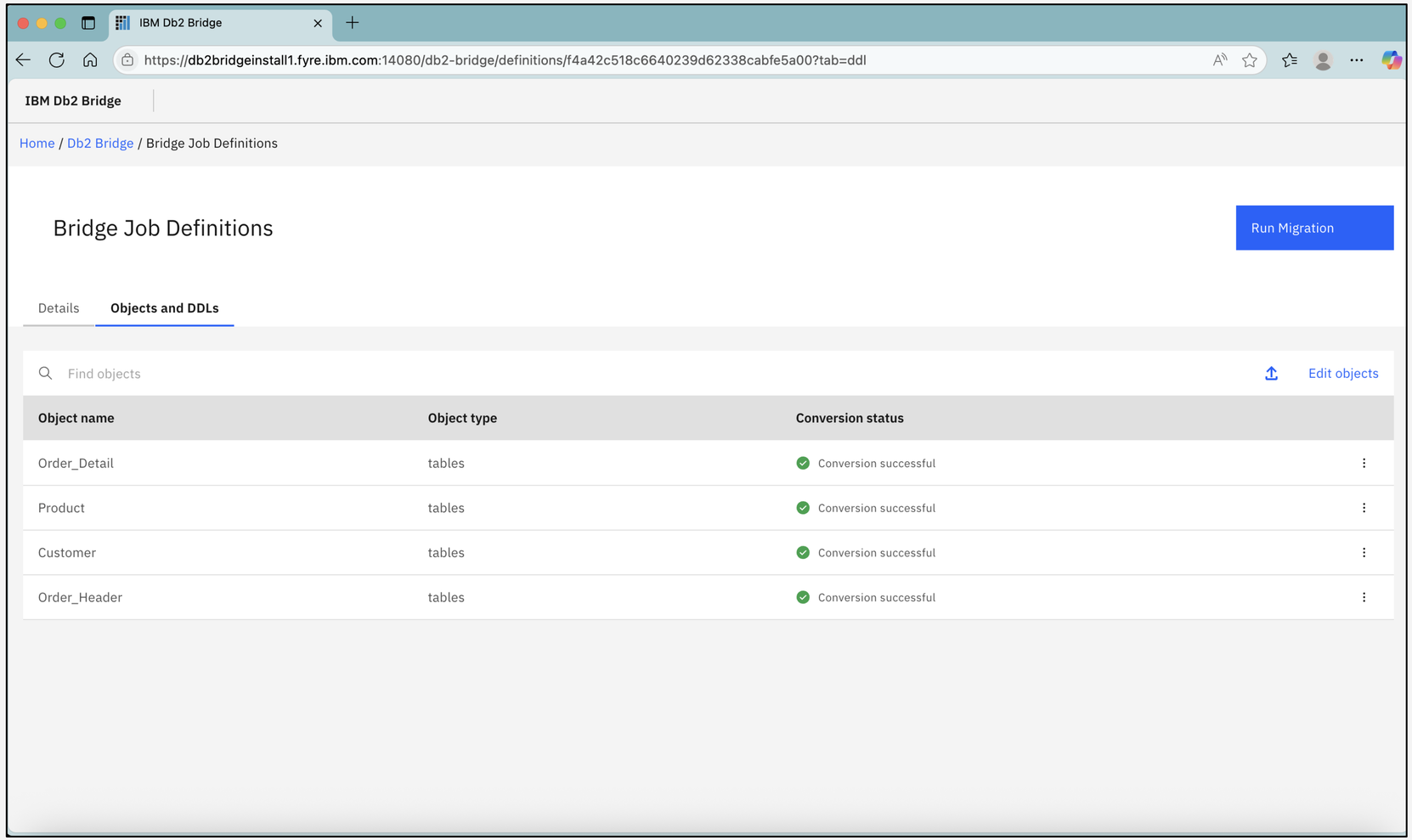
Selection of Objects



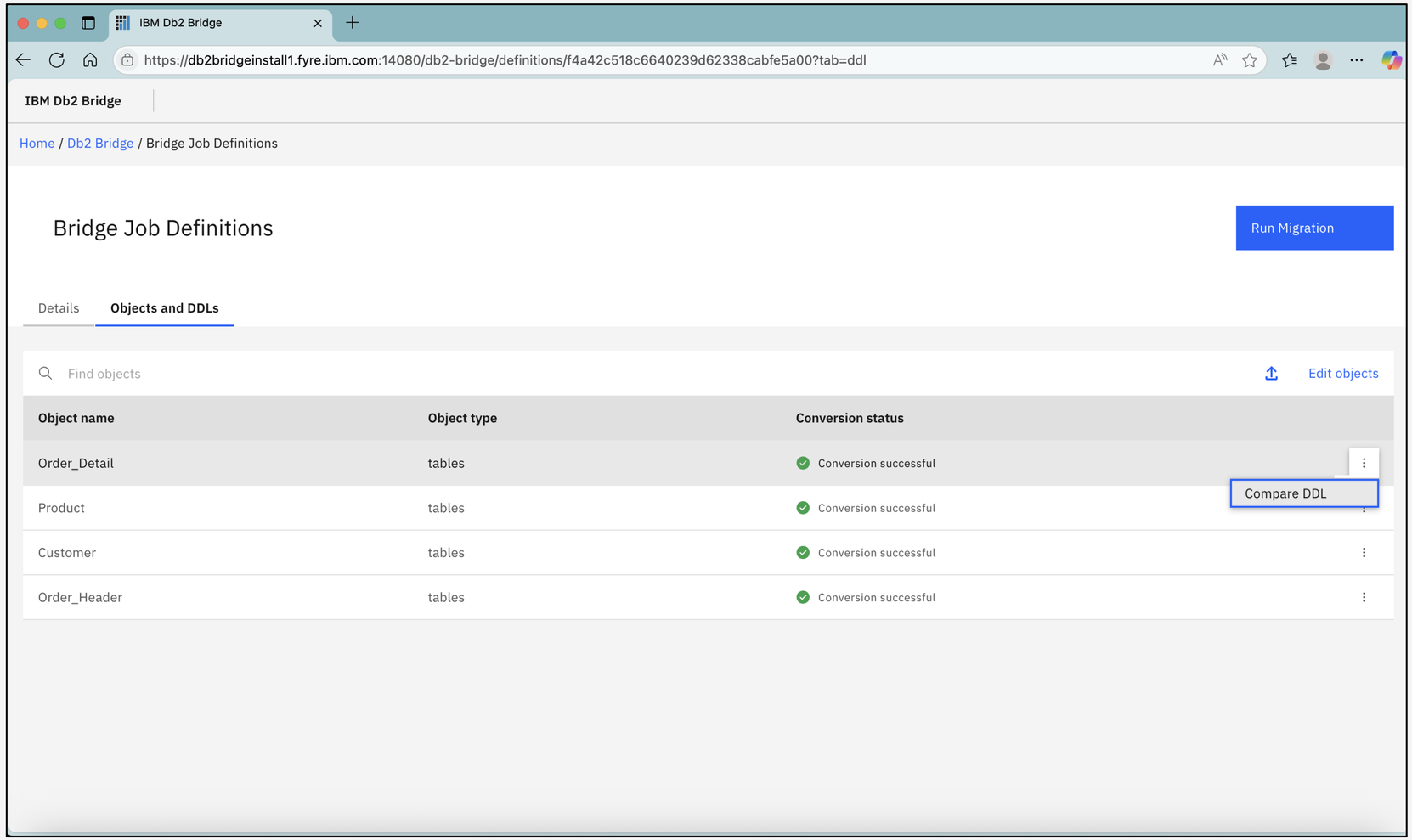
Summarize & Convert



Converted DDLs from Teradata to Db2

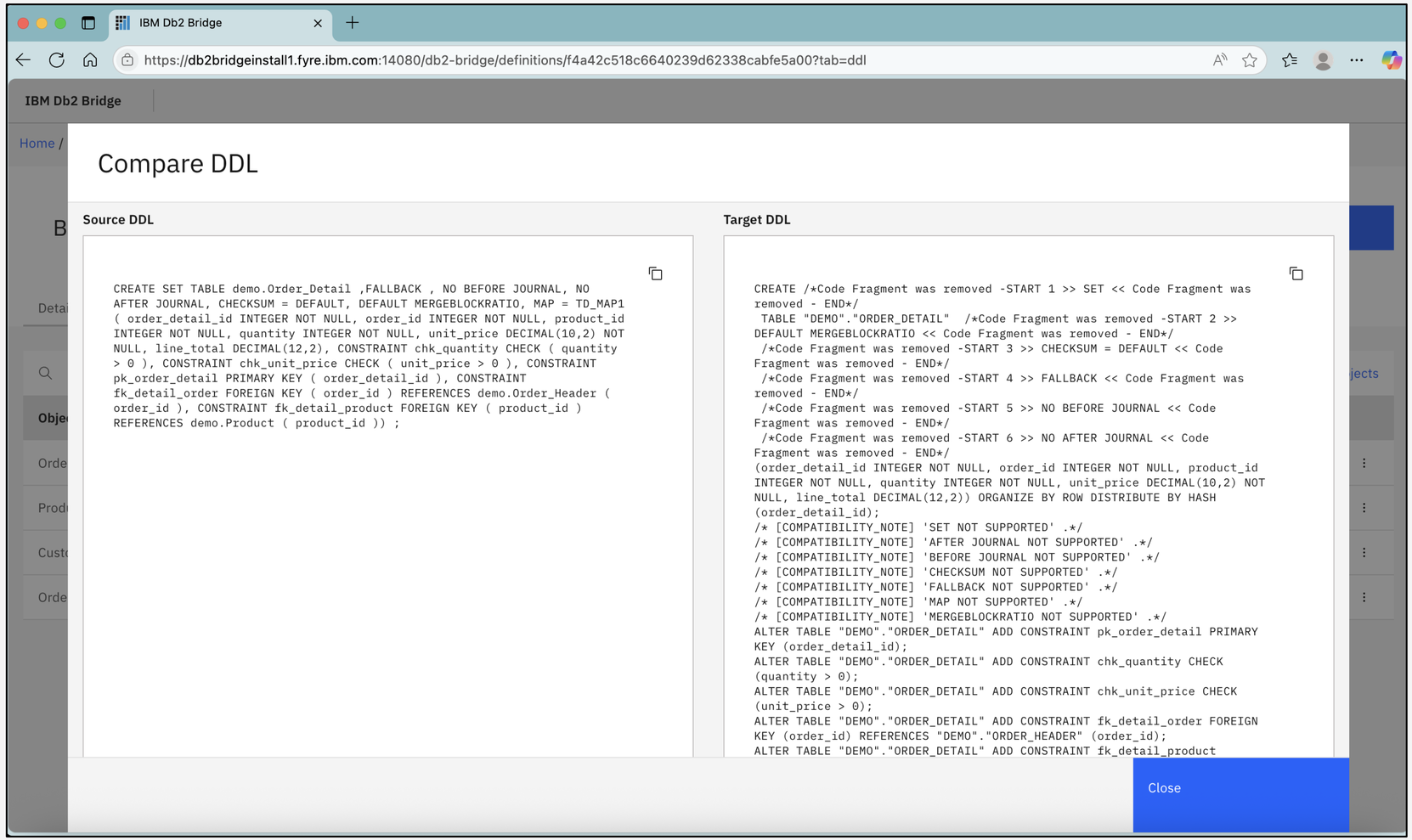


Ability to compare source and target DDLs



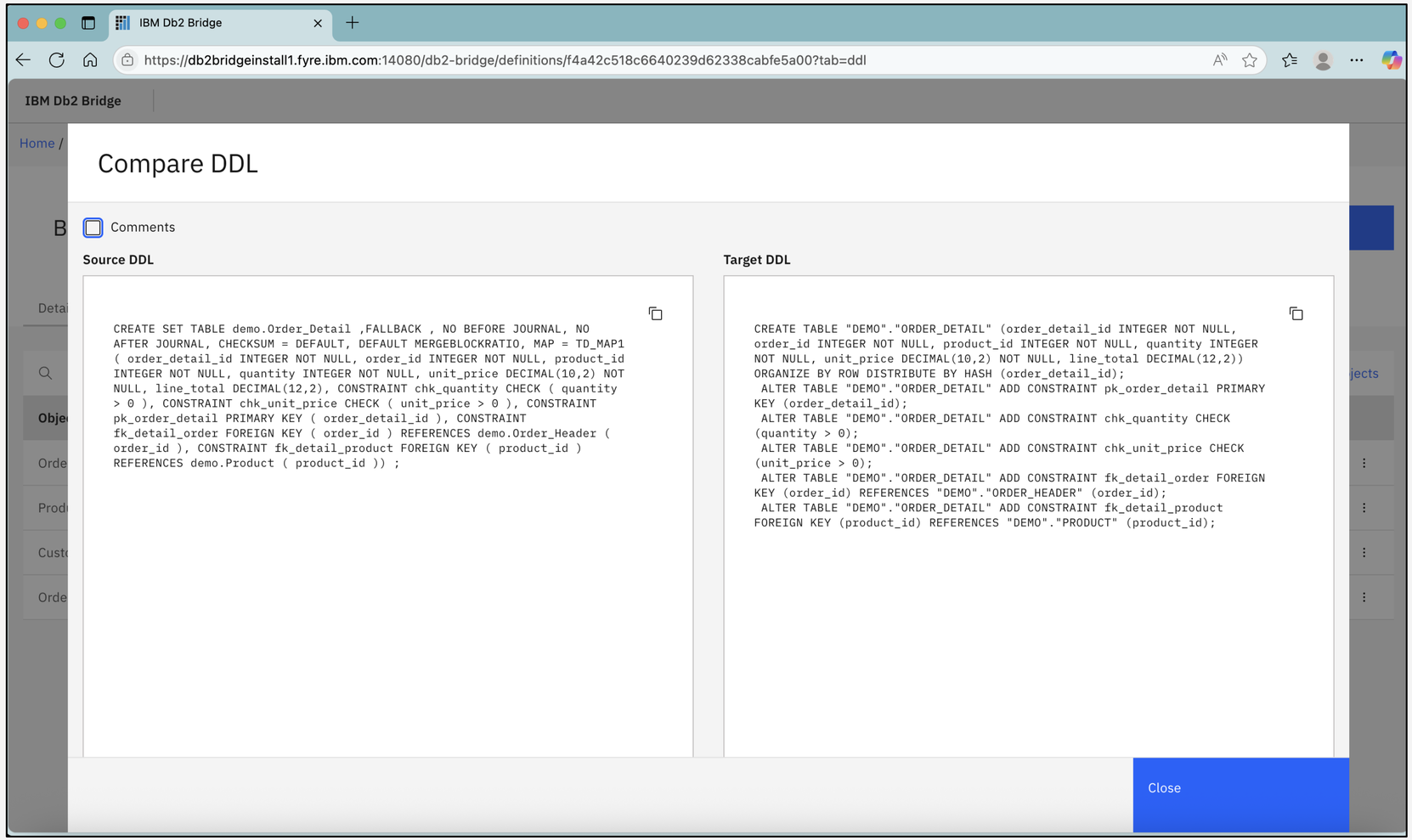
compare source and target DDLs

..with embedded comments

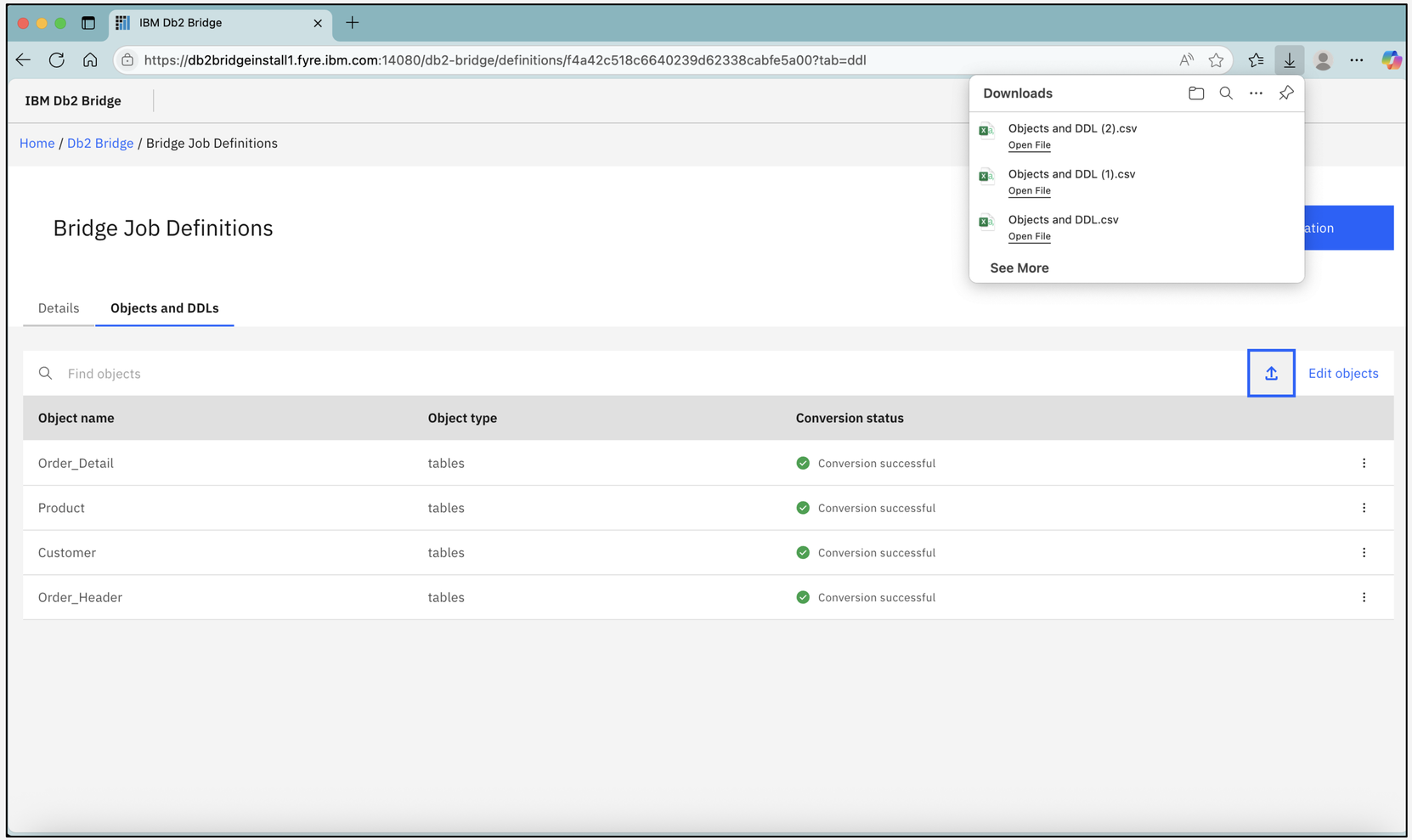


compare source and target DDLs

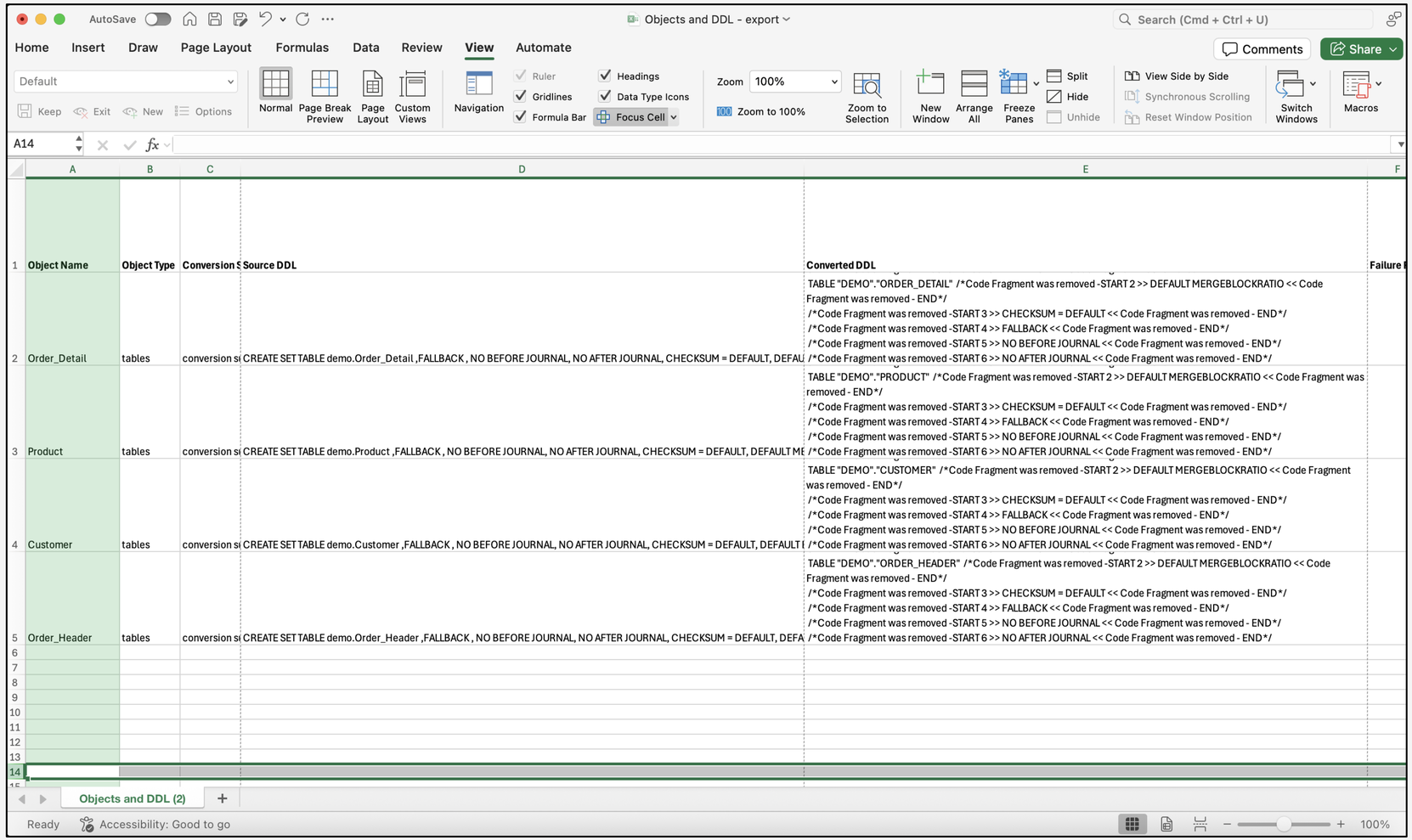
..without embedded comments



Ability to export DDL



Exported DDL (CSV file)



AutoSave · Objects and DDL - export · Search (Cmd + Ctrl + U)

Home Insert Draw Page Layout Formulas Data Review View Automate · Comments · Share

Default · Keep · Exit · New · Options · Normal · Page Break Preview · Page Layout · Custom Views · Navigation · Ruler · Gridlines · Formula Bar · Headings · Data Type Icons · Focus Cell · Zoom 100% · Zoom to 100% · Zoom to Selection · New Window · Arrange All · Freeze Panes · Split · Hide · Unhide · View Side by Side · Synchronous Scrolling · Reset Window Position · Switch Windows · Macros

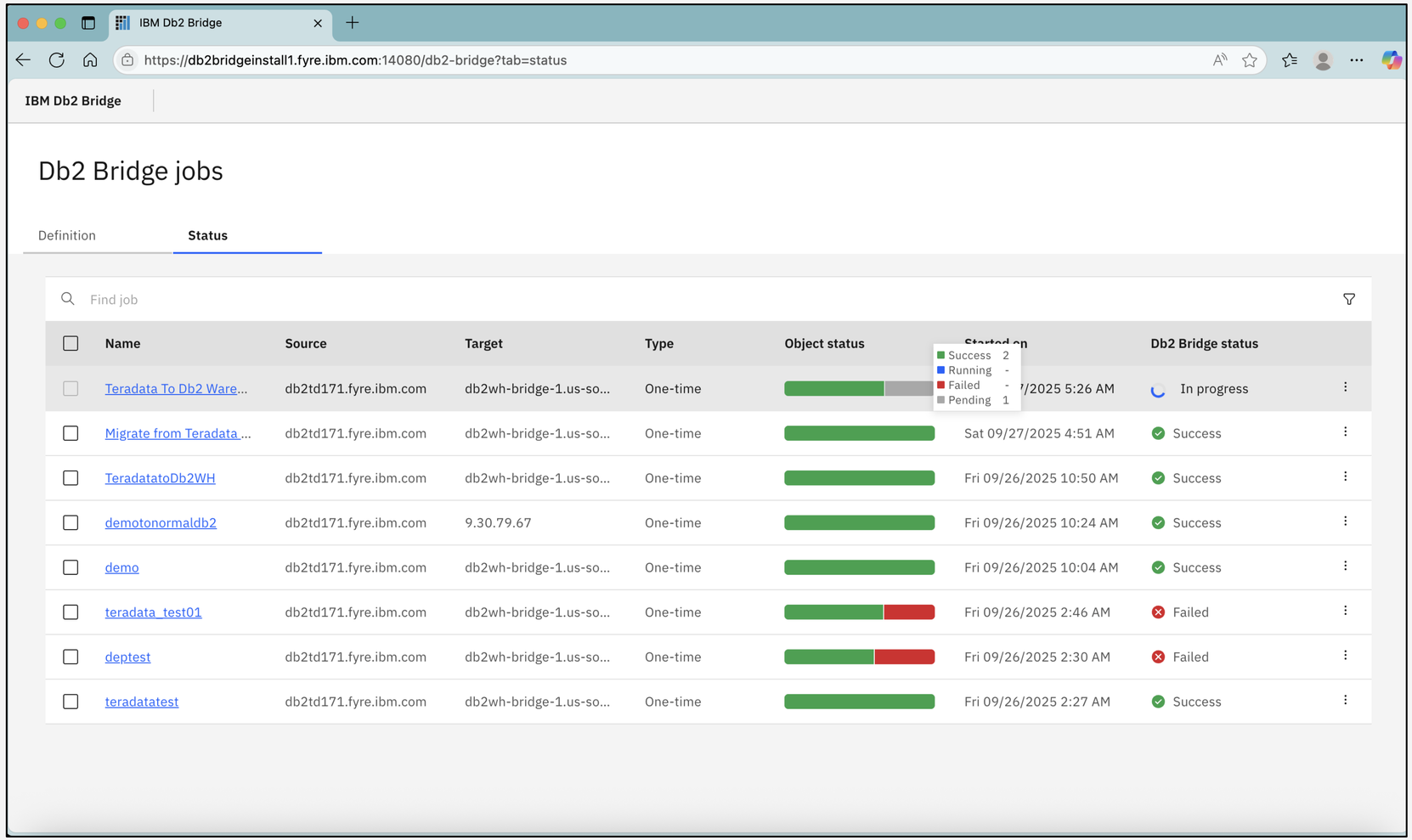
A14

	A	B	C	D	E	F
1	**Object Name**	**Object Type**	**Conversion S**	**Source DDL**	**Converted DDL**	**Failure I**
2	Order_Detail	tables	conversion s	CREATE SET TABLE demo.Order_Detail ,FALLBACK , NO BEFORE JOURNAL, NO AFTER JOURNAL, CHECKSUM = DEFAULT, DEFAU	TABLE "DEMO"."ORDER_DETAIL" /*Code Fragment was removed -START 2 >> DEFAULT MERGEBLOCKRATIO << Code Fragment was removed - END*/ /*Code Fragment was removed -START 3 >> CHECKSUM = DEFAULT << Code Fragment was removed - END*/ /*Code Fragment was removed -START 4 >> FALLBACK << Code Fragment was removed - END*/ /*Code Fragment was removed -START 5 >> NO BEFORE JOURNAL << Code Fragment was removed - END*/ /*Code Fragment was removed -START 6 >> NO AFTER JOURNAL << Code Fragment was removed - END*/	
3	Product	tables	conversion s	CREATE SET TABLE demo.Product ,FALLBACK , NO BEFORE JOURNAL, NO AFTER JOURNAL, CHECKSUM = DEFAULT, DEFAULT ME	TABLE "DEMO"."PRODUCT" /*Code Fragment was removed -START 2 >> DEFAULT MERGEBLOCKRATIO << Code Fragment was removed - END*/ /*Code Fragment was removed -START 3 >> CHECKSUM = DEFAULT << Code Fragment was removed - END*/ /*Code Fragment was removed -START 4 >> FALLBACK << Code Fragment was removed - END*/ /*Code Fragment was removed -START 5 >> NO BEFORE JOURNAL << Code Fragment was removed - END*/ /*Code Fragment was removed -START 6 >> NO AFTER JOURNAL << Code Fragment was removed - END*/	
4	Customer	tables	conversion s	CREATE SET TABLE demo.Customer ,FALLBACK , NO BEFORE JOURNAL, NO AFTER JOURNAL, CHECKSUM = DEFAULT, DEFAULT	TABLE "DEMO"."CUSTOMER" /*Code Fragment was removed -START 2 >> DEFAULT MERGEBLOCKRATIO << Code Fragment was removed - END*/ /*Code Fragment was removed -START 3 >> CHECKSUM = DEFAULT << Code Fragment was removed - END*/ /*Code Fragment was removed -START 4 >> FALLBACK << Code Fragment was removed - END*/ /*Code Fragment was removed -START 5 >> NO BEFORE JOURNAL << Code Fragment was removed - END*/ /*Code Fragment was removed -START 6 >> NO AFTER JOURNAL << Code Fragment was removed - END*/	
5	Order_Header	tables	conversion s	CREATE SET TABLE demo.Order_Header ,FALLBACK , NO BEFORE JOURNAL, NO AFTER JOURNAL, CHECKSUM = DEFAULT, DEFA	TABLE "DEMO"."ORDER_HEADER" /*Code Fragment was removed -START 2 >> DEFAULT MERGEBLOCKRATIO << Code Fragment was removed - END*/ /*Code Fragment was removed -START 3 >> CHECKSUM = DEFAULT << Code Fragment was removed - END*/ /*Code Fragment was removed -START 4 >> FALLBACK << Code Fragment was removed - END*/ /*Code Fragment was removed -START 5 >> NO BEFORE JOURNAL << Code Fragment was removed - END*/ /*Code Fragment was removed -START 6 >> NO AFTER JOURNAL << Code Fragment was removed - END*/	
6						
7						
8						
9						
10						
11						
12						
13						
14						

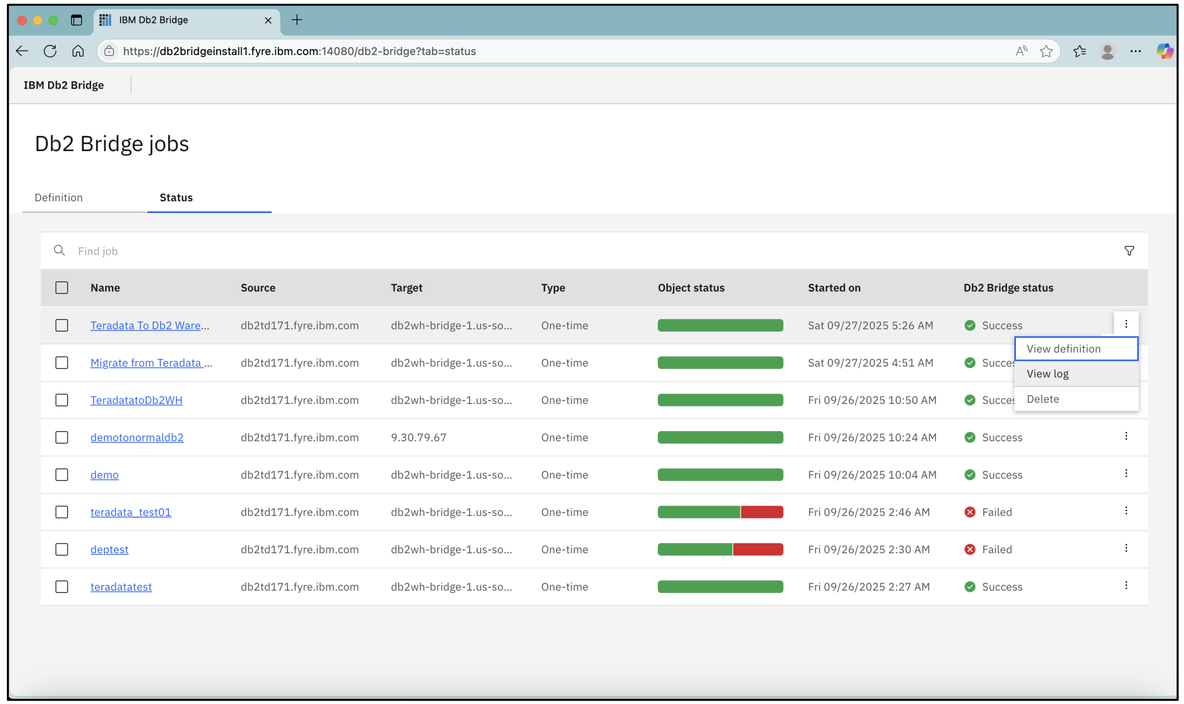
Objects and DDL (2) · Ready · Accessibility: Good to go · 100%

Running migration

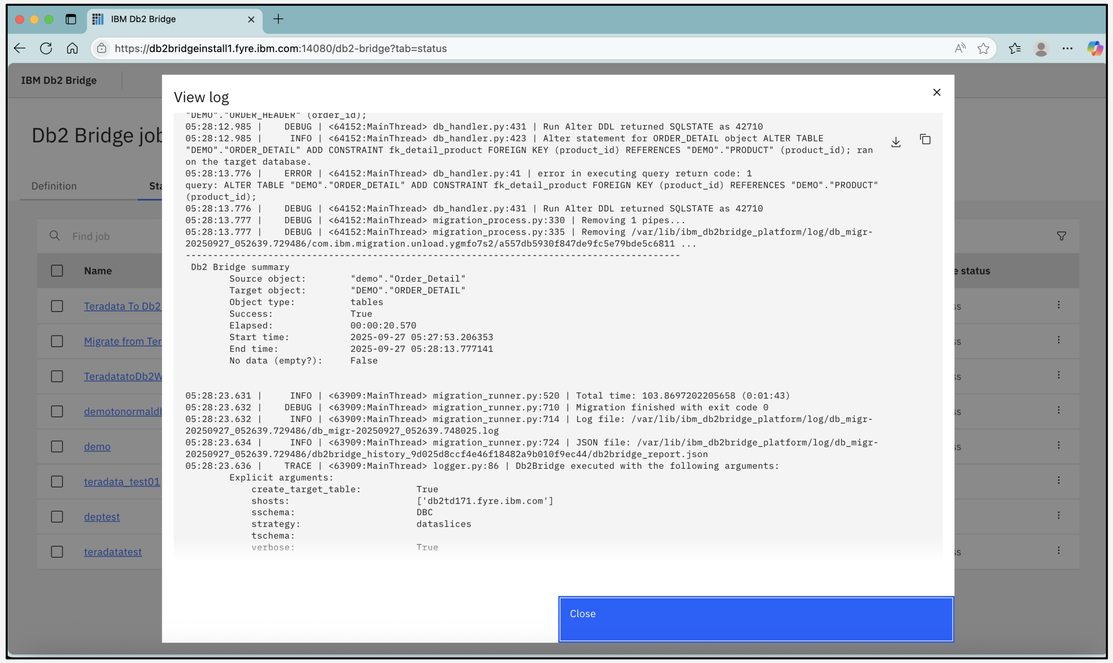
That takes Teradata DDL as well as data to Db2 Warehouse



Job Success



Log



Agenda

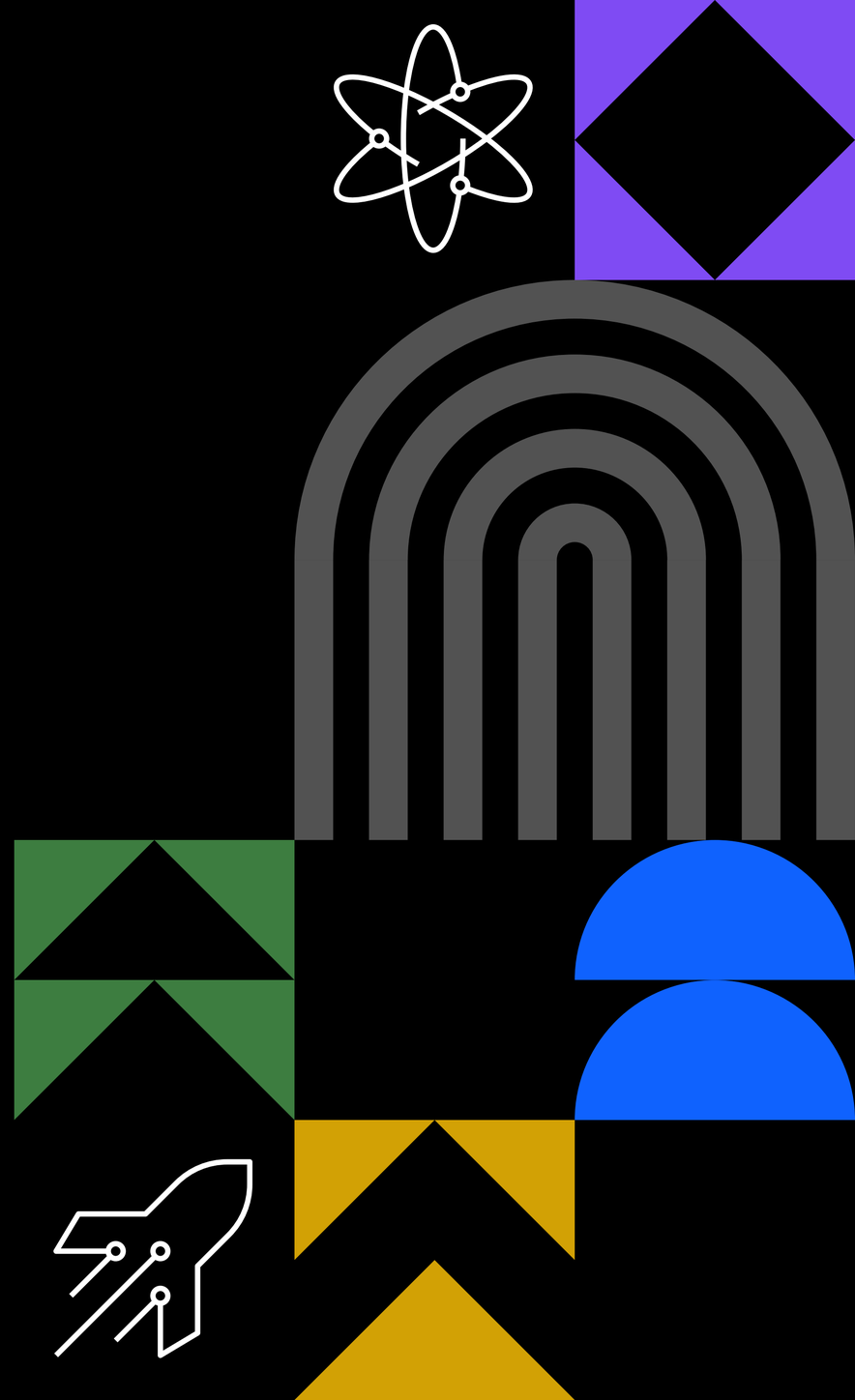
01 Overview

02 Key Features – Db2 Health Check

03 Roadmap

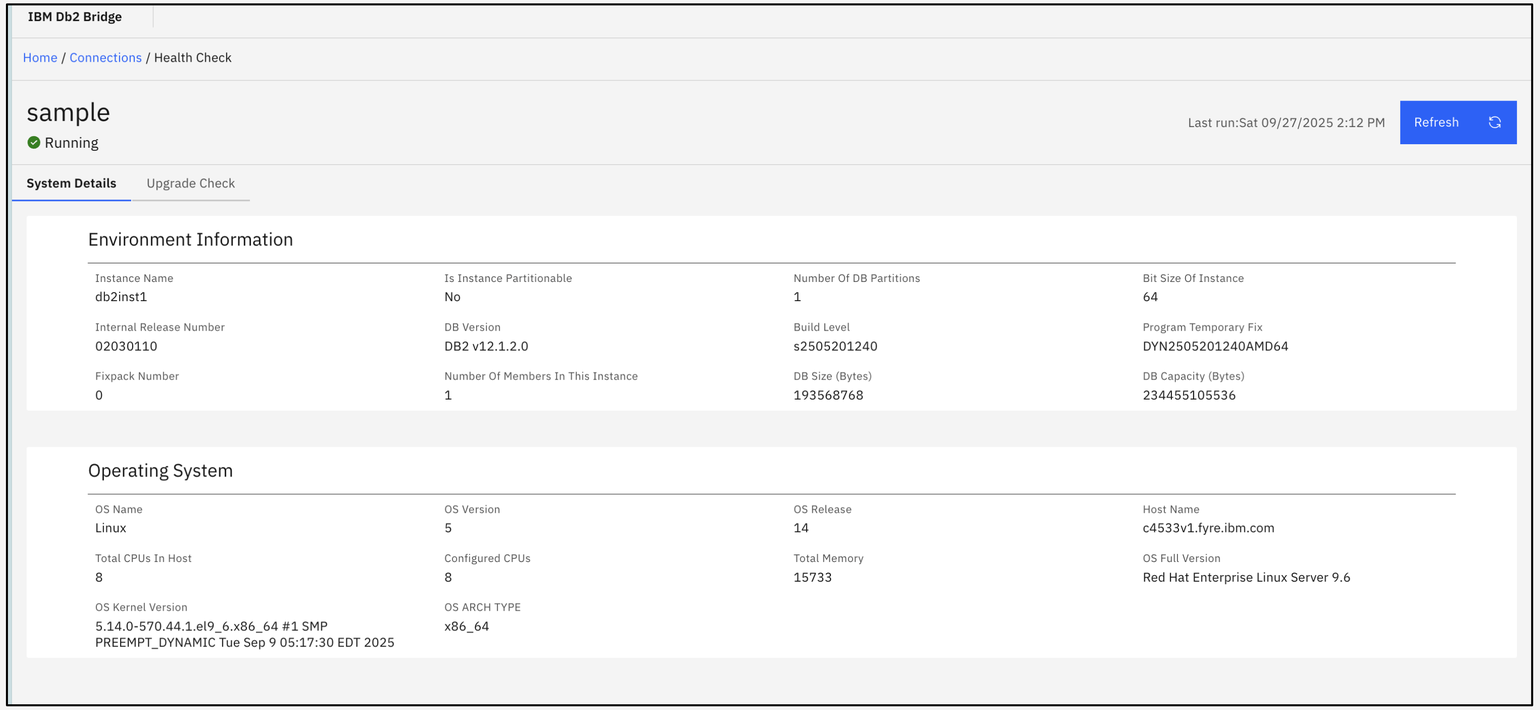
04 Important Links

05 Q & A



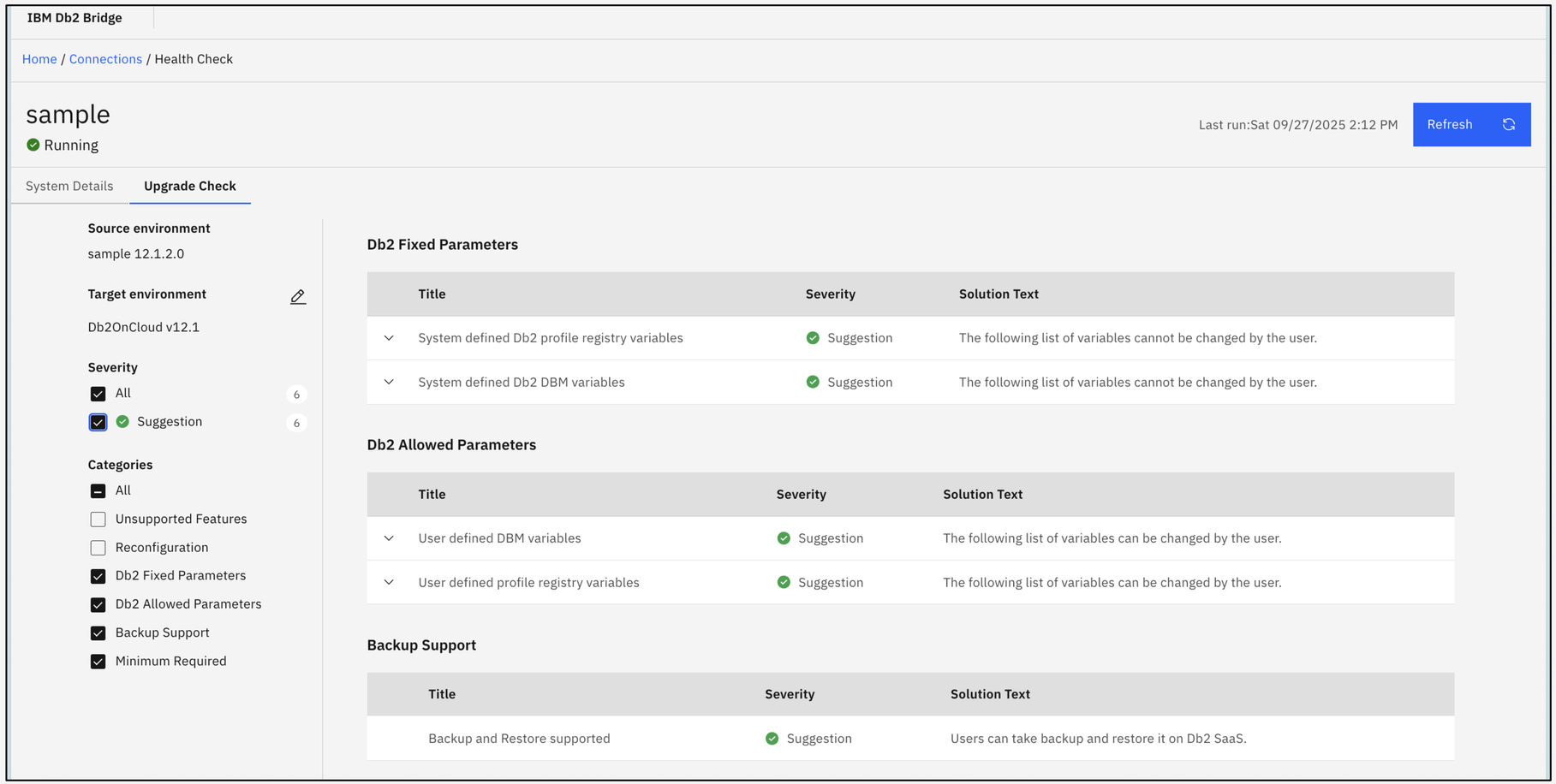
Db2 Health Check

Operating System and Database information



Db2 Health Check

Upgrade Check



Agenda

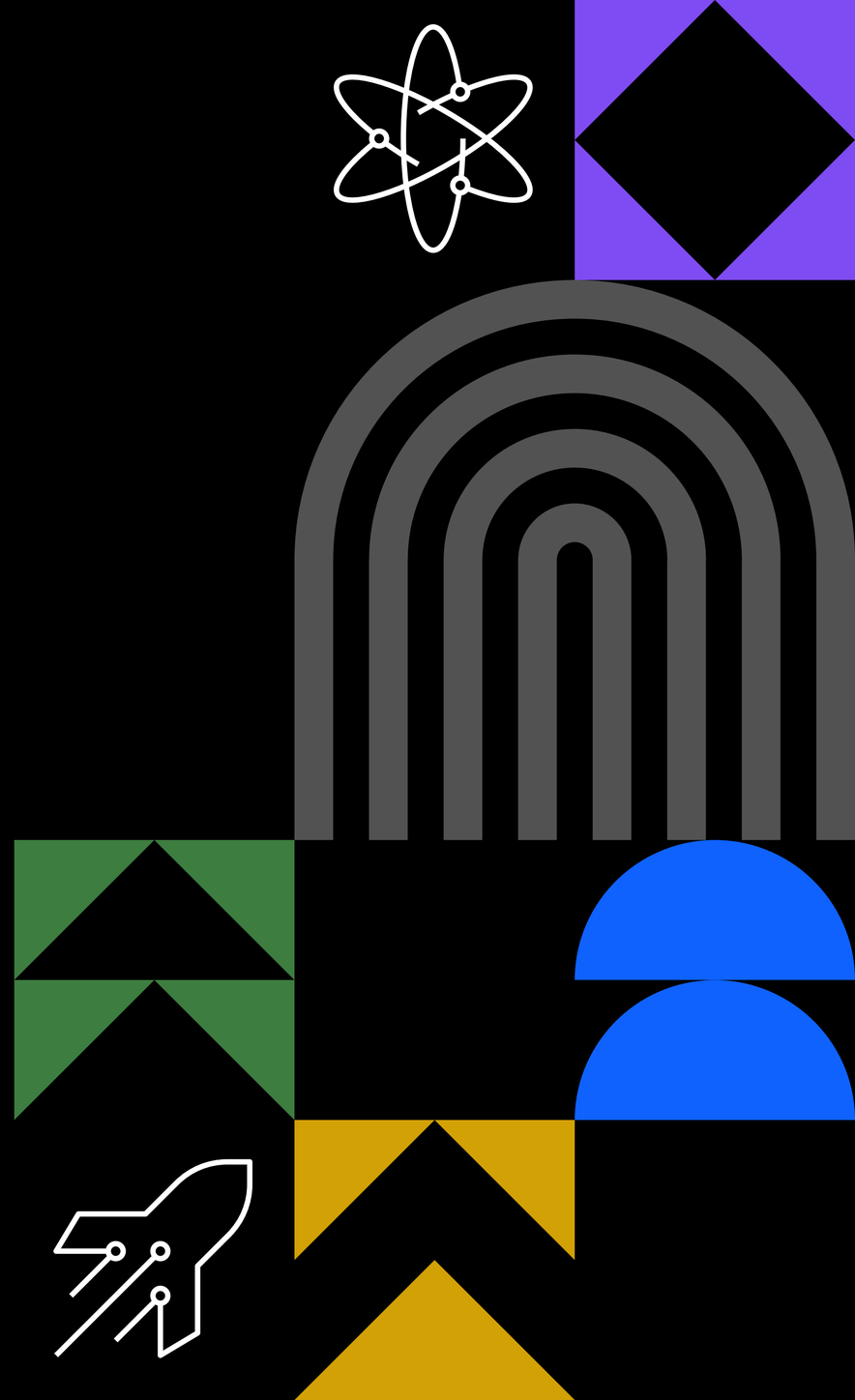
01 Overview

02 Key Features

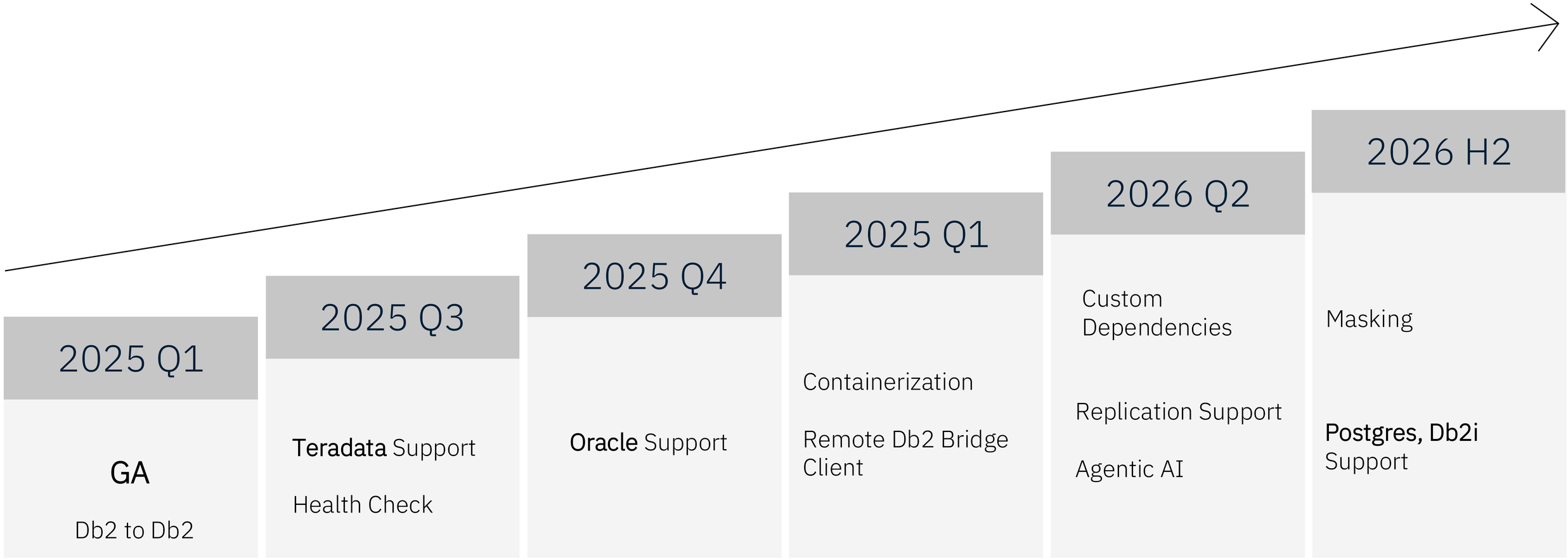
03 Roadmap

04 Important Links

05 Q & A



Db2 Bridge - Roadmap



Agenda

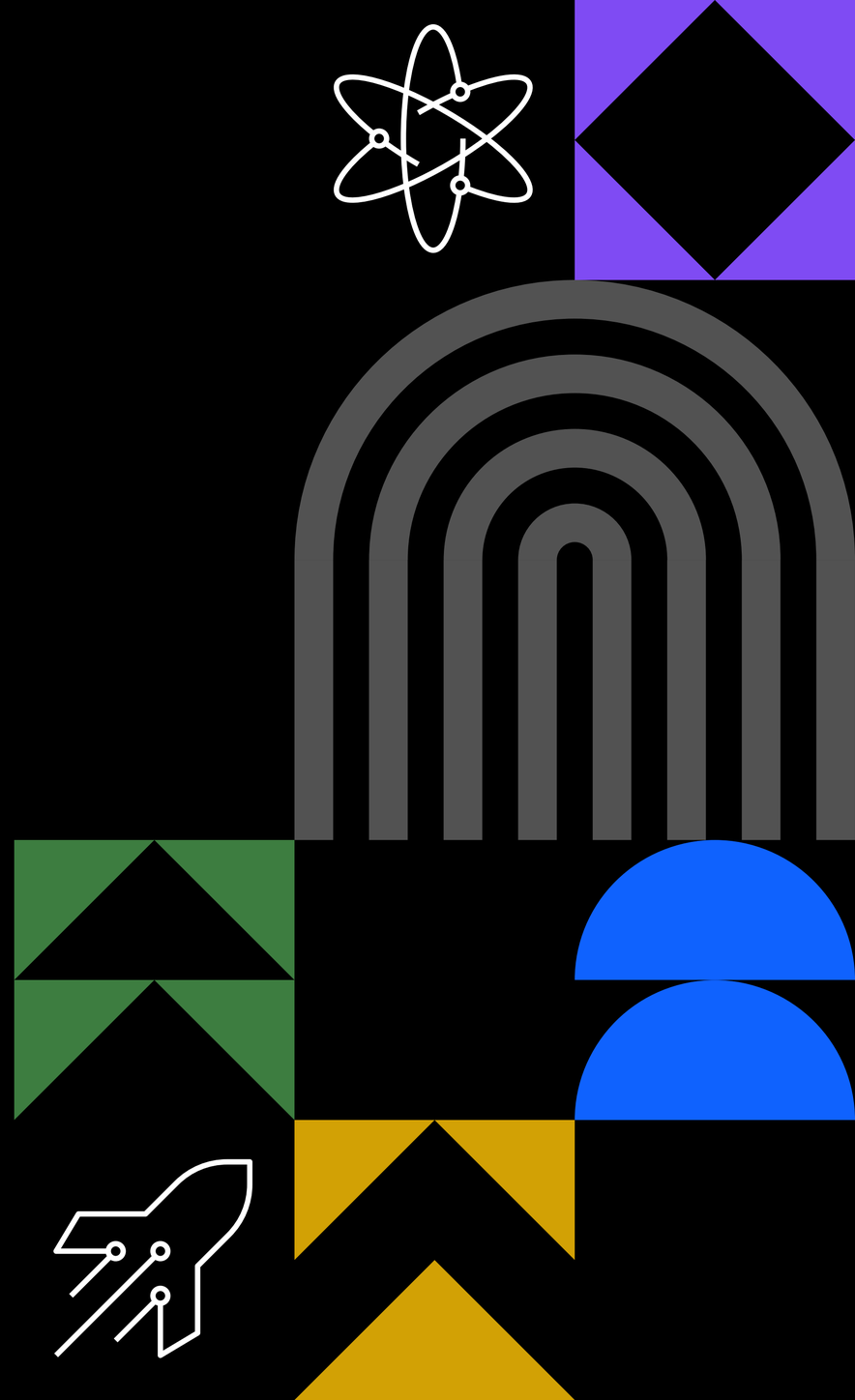
01 Overview

02 Key Features

03 Roadmap

04 Important Links

05 Q & A



Important Links

Try and Buy :
Trial download from IBM Fix Central Link.
Product packages with license activation are available in Passport Advantage (PA).
Trial period is 30 days.

Product Documentation: Knowledge Center :
https://www.ibm.com/docs/db2-bridge

Announcement:
https://www.ibm.com/docs/en/announcements/db2-bridge-11-delivers-singular-data-movement-tool-your-mission-critical-workloads

Marketing blog:
http://www.ibm.com/new/announcements/ibm-db2-bridge-one-data-movement-tool

Link to the license agreement:
https://www.ibm.com/support/customer/csol/terms/?ref=L-HHRH-VQWUSP-01-09-2025-zz-en

Agenda

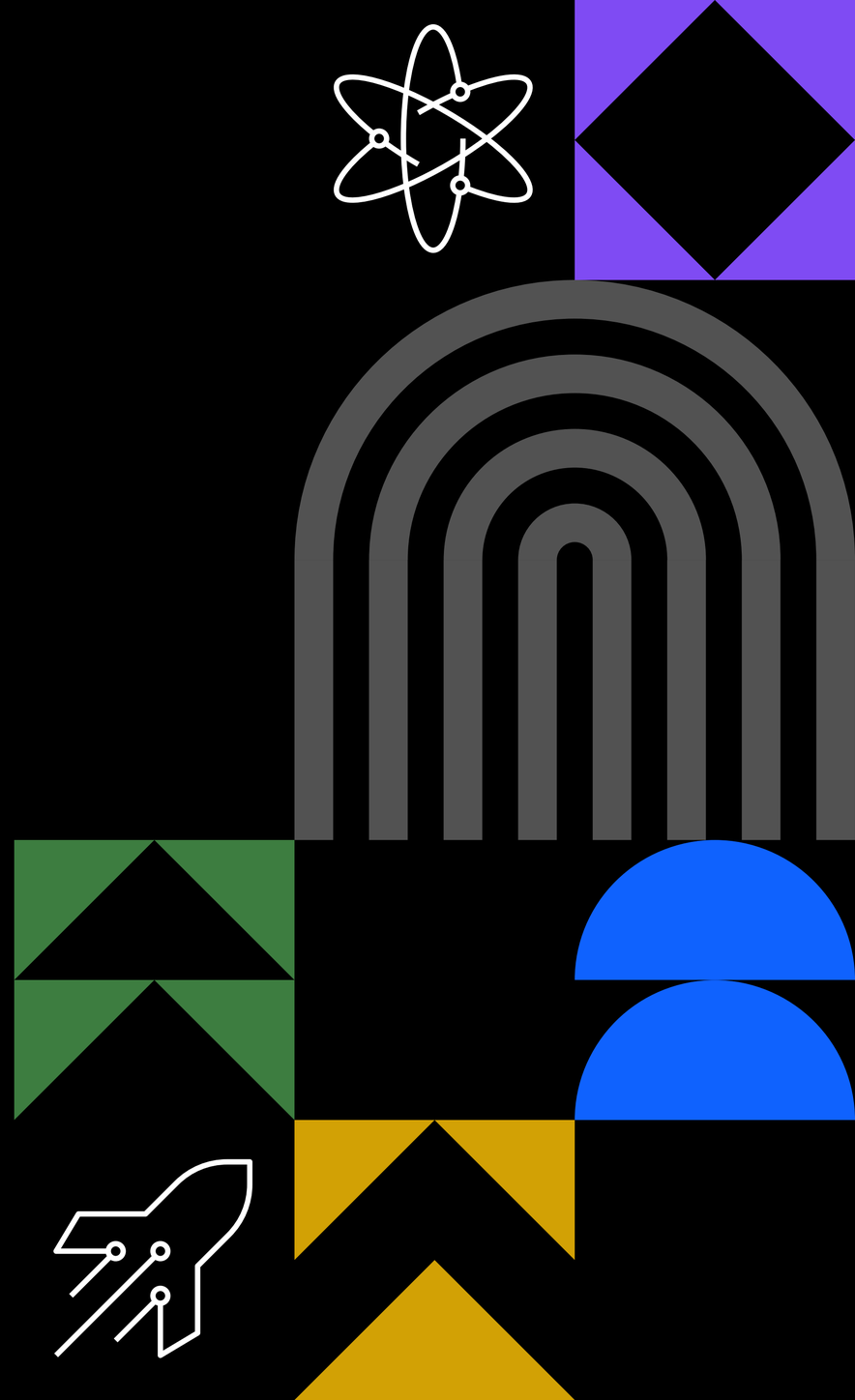
01 Overview

02 Key Features

03 Roadmap

04 Important Links

05 Q & A



Notices and disclaimers

© 2025 International Business Machines Corporation.
All rights reserved.

This document is distributed “as is” without any warranty, either express or implied. In no event shall IBM be liable for any damage arising from the use of this information, including but not limited to, loss of data, business interruption, loss of profit or loss of opportunity.

Case studies and client examples are presented as illustrations of how customers or IBM has used IBM products in production or test environments and the results they may have observed. Actual performance, cost, savings or other results in other operating environments may vary.

Workshops, sessions and associated materials may have been prepared by independent session speakers, and do not necessarily reflect the views of IBM.

Not all offerings are available in every country in which IBM operates.

Any statements regarding IBM’s future direction, intent or product plans are subject to change or withdrawal without notice.

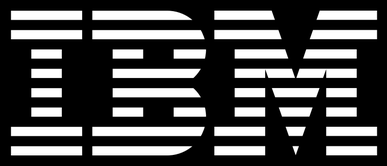
IBM, the IBM logo, and ibm.com are trademarks of International Business Machines Corporation, registered in many jurisdictions worldwide. Other product and service names might be trademarks of IBM or other companies. A current list of IBM trademarks is available on the Web at “Copyright and trademark information” at: www.ibm.com/legal/copytrade.shtml.

Certain comments made in this presentation may be characterized as forward looking under the Private Securities Litigation Reform Act of 1995.

Forward-looking statements are based on the company’s current assumptions regarding future business and financial performance. Those statements by their nature address matters that are uncertain to different degrees and involve a number of factors that could cause actual results to differ materially. Additional information concerning these factors is contained in the Company’s filings with the SEC.

Copies are available from the SEC, from the IBM website, or from IBM Investor Relations.

Any forward-looking statement made during this presentation speaks only as of the date on which it is made. The company assumes no obligation to update or revise any forward-looking statements except as required by law; these charts and the associated remarks and comments are integrally related and are intended to be presented and understood together.



IDUG
2026 Australia Db2 Tech Conference