Previous features and fixed issues

18.5 New features

Includes improvements in support of Db2 for LUW

Adds binary column support for Db2 for LUW

This release of DB PowerStudio includes binary column support for Db2 for LUW, which enhances efficiency, performance, and storage utilization in DBArtisan, DB Change Manager, and Rapid SQL.

Improves synchronization script in DB Change Manager

When using Db2 for LUW in DB Change Manager, the synchronization script now applies the appropriate order to be more efficient.

Improves efficiency in DBArtisan, DB Change Manager, and Rapid SQL

DB PowerStudio 18.5 includes operational ease and efficiency improvements for DBArtisan, DB Change Manager, and Rapid SQL.

Updates stored procedures functionality when using Redshift

Redshift users of DBArtisan and Rapid SQL can take advantage of stored procedures which are now added to allow parameter nodes. You now can route these particular requests through the nodes if it satisfies the predicate, allowing more control for the user.

Updates supported database versions

DB PowerStudio 18.5 adds support for the following database versions:

- Db2 for LUW 11.5.x (DBArtisan, DB Change Manager, and Rapid SQL)
- MySQL 8.0 and later (DBArtisan and Rapid SQL)
- PostgreSQL 14.x (DBArtisan, DB Optimizer, and Rapid SQL)

18.5 Fixed issues

Issue Number	Description	DBMS
DBA-34618	Resolves an issue causing an error for some PostgreSQL 12.3 users when they double-click a domain to open the editor	PostgreSQL 12.3
DBA-34657	Resolves an issue causing DBArtisan to not display all Redshift parameter modes when creating a Stored Procedure	Amazon Redshift
DBA-34658	Resolves an issue preventing some Redshift users from editing parameters for Stored Procedures	Amazon Redshift
DBA-34814	Adds support MySQL 8.0 or latest release	MySQL
DBA-34844	Adds support Db2 LUW - 11.5.x	Db2 for LUW
DBA-34859	Adds support PostgreSQL 14.x	PostgreSQL
DBA-34863	Resolves an issue with DBArtisan where BINARY and VARBIN string types are not supported	Db2 for LUW
SC-14832	CHANGE MANAGER: Resolves an issue causing only two tables to appear in Mapping and Materialized Query Tables	Db2 for LUW

18.4 New features

Adds native Git support

DBArtisan and Rapid SQL now include native Git version control. You must have Git installed on the system where you want to use DB PowerStudio to utilize the native Git version control functionality.

Users may use Git version control to:

- create projects
- get the latest version
- add a file or project
- remove a file or project
- check in a file or project
- get history logs of files

Supports SQL Server 2022

DB PowerStudio 18.4 includes support for SQL Server 2022.

Improves space, capacity, and performance for Azure SQL and PostgreSQL

This release of DBArtisan includes updates that improve space, capacity, and performance for Azure SQL and PostgreSQL.

Includes sign-on for AzureAD for PostgreSQL, MySQL, and SQL Server

DBArtisan and Rapid SQL now include sign-on capability for AzureAD for PostgreSQL, MySQL, and SQL Server.

Includes support for PostgreSQL identity columns

DBArtisan and Rapid SQL now include support for PostgreSQL identity columns.

Updates Azure SQL for Data Copying in DB Change Manager

DB Change Manager/Data Compare includes updated support for Azure SQL for data copying.

18.4 Fixed issues

Issue Number	Description	DBMS
DBA-34810	Output from migration does not create table	DB/2
DBA-34792	Error message "Incorrect syntax near 'Index'" appears when dropping the Foreign Key between two tables	SQL Server
DBA-34788	Unable to drop an index on Azure SQL DB	Azure SQL
DBA-34784	Descending sort order is missing when editing properties of an index	Azure SQL, Oracle

18.3 New features

Updates Azure cloud monitoring capability in DBArtisan

The monitoring capability for Microsoft Azure cloud is updated in DBArtisan. This functionality includes multi-tabbed process monitoring and management as well as allows you to catch performance issues before they arise.

Supports the latest version of Log4j

DB PowerStudio 18.3 includes support for the latest version of Apache Log4j, which is essential for proper logging and diagnostics of applications.

Improves multiple areas within DBArtisan and Rapid SQL

DB PowerStudio 18.3 includes updates to the following areas within DBArtisan and Rapid SQL:

- Extraction operations on roles for PostgreSQL allows users to have higher control over their data security.
- Handling procedures with cascaded parameters on Redshift provides additional usage options with those parameters.
- Connections to Azure SQL using multi-factor authentication provides more secure access.
- Connections to PostgreSQL via Java Database Connectivity (JDBC) provides native connectivity for quicker access.
- Reordering columns for Data Definition Language (DLL) validation allows the flexibility to rerun or reuse in scripts.

Improves multiple areas within DB Change Manager

- Validation of Dump Devices, Linked Servers, Remote Servers and Server Triggers on Azure enables higher quality of those features.
- Reuse of connection settings on logins when a node is accessible in SQL Server Management Studio (SSMS) allows faster user connections.
- Fully populating database nodes on Azure for completeness.

Updates profiling session capability in DB Optimizer

DB Optimizer 18.3 updates profiling session capability, which alerts users to potentially problematic SQL ahead of time.

18.3 Fixed issues

Issue Number	Description	DBMS
DBA-34744	Log4J Upgrade all of DB PowerStudio	
DBA-34743	DDL validation failing after reordering columns	Oracle
DBA-34682	Windows Authentication not working with Access Analyst	SQL Server
DBA-34605	Cannot connect to Azure SQL using MFA	Azure SQL
DBA-34524	Receiving an error when trying to connect to PostgreSQL	PostgreSQL
DBA-34244	User would like additional features for Azure support	Azure SQL
OPT-5352	Profiling session does not finish and seems to stall	Sybase ASE

18.2 New features

Adds support for Snowflake in DBArtisan and Rapid SQL

DB PowerStudio 18.2 adds support for Snowflake in DBArtisan and Rapid SQL.

Adds support for Windows 11

DB PowerStudio now supports the Microsoft Windows 11 operating system.

Updates database platform support in DBArtisan and Rapid SQL

This release of DB PowerStudio includes updated support in DBArtisan and Rapid SQL for the following database platforms:

- DB2 LUW 11.5
- Sybase IQ 16.1

Updates trial licensing in DB Optimizer

This release of DB PowerStudio includes updated trial licensing support for DB Optimizer to limit the number of suggestions a user can submit.

18.2 Fixed issues

Issue Number	Description	DBMS
DBA-34677	Issue when importing .xlsx files in DBArtisan 18.0	Sybase ASE
DBA-34675	Issue when opening tables in the DB2 Servers database	
DBA-34674	Issue in DBArtisan when using Audit Unified Policies tree nodes in Oracle 19c and 21c	Oracle
DBA-34673	Performance issues in DBArtisan 18.0	Oracle
DBA-34672	DBArtisan is missing security roles and MQT extraction	DB2 for LUW
DBA-34667	Sybase ASE Data Cache window does not properly show bound objects in the cache	Sybase ASE
DBA-34666	DBArtisan displays incorrect Create Date for individual logins	Sybase ASE
DBA-34665	DBArtisan does not recognize "lockless" cache types	Sybase ASE

| DBA-34662 | Permissions error when using Capacity Analyst | Sybase ASE |

18.1 New features

Adds support for Oracle 21c and PostgreSQL 13 in DBArtisan and Rapid SQL

DBArtisan and Rapid SQL 18.1 add support for Oracle 21c and PostgreSQL 13. This release also includes a number of fixed issues that you may review in the Release Notes.

18.1 Fixed issues

There are no new features in this release of DB Change Manager, but there are the following fixed issues in DB PowerStudio.

Issue Number	Description	DBMS
DBA-34651	Update OpenJDK 11.0.7 to the latest OpenJDK 11 release	
DBA-34650	Update PostgreSQL support to version 13	PostgreSQL
DBA-34649	Update Oracle support to version 21c	Oracle
DBA-34646	Provide ability to open multiple files from the command line	
DBA-34644	Sybase ASE Syntax Drop Login, Alter Login not presenting with DDL Extract	Sybase ASE
RAP-6189	Format SQL Clears out commands	Sybase ASE
RAP-6188	Stored Procedure is not extracting correctly with Rapid SQL 17.1.1	Oracle, SQL Server

18.0 New features & fixed issues

There are no new features in this release of DB Change Manager, but there are the following fixed issues.

Issue Number	Description
SC-14793	Comparison Results tab user interface is incorrect
SC-14784	Stored Procedures comparison shows there are differences but View Differences shows none
SC-14783	Date comparison between Oracle and SQL Server is incorrect
SC-14782	Change Manager reports differences of the CREATE line when running a live comparison
SC-14771	Simple Alter is allowed for a default change and making a decimal bigger, but Change Manager chooses Extended Alter for both the Extended Alter and Simple Alter
SC-14765	Schema Comparison displays different results

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