Database migration assessment report

Source database:
employees.dbmaster@jph-maria-mariadb.cmyrfrazjwrq.us-east-2.rds.amazonaws.com:3306
Source distribution 10.4.8-MariaDB-log

Executive summary

Target Platform	Auto or minimal changes			Complex actions			
	Storage objects	Code objects	Conversion actions	Storage objects		Code objects	
				Objects count	Conversion actions	Objects count	Conversion actions
Amazon RDS for PostgreSQL	9 (100%)	1 (50%)	9	0 (0%)	0	1 (50%)	0
Amazon Aurora (PostgreSQL compatible)	9 (100%)	1 (50%)	9	0 (0%)	0	1 (50%)	0

Warning!

We found that your source database may be configured not in correct way or you have not enough privileges for reading all necessary metadata. Please check your configuration and run report again. For more details please review help documentation.

List of Action Items to review:

1. Issue 9997 : Unable to resolve objects (number of occurrences: 8)

   Recommended action: Verify if the unresolved object is present in the database. If it isn't, check the object name or add the object. If the object is present, transform the code manually.

We completed the analysis of your MySQL source database and estimate that 100% of the database storage objects and 50% of database code objects can be converted automatically or with minimal changes if you select Amazon RDS for PostgreSQL as your migration target. Database storage objects include schemas, tables, table constraints and indexes. Database code objects include triggers, views, functions and procedures. Based on the source code syntax analysis, we estimate 100% (based on # lines of code) of your code can be converted to Amazon RDS for PostgreSQL automatically. To complete the migration, we recommend 9 conversion action(s) ranging from simple tasks to medium-complexity actions to complex conversion actions.

If you select Amazon Aurora (PostgreSQL compatible) as your migration target, we estimate that 100% of the database storage objects and 50% of database code objects can be converted automatically or with minimal changes. Based on the syntax analysis we estimate that 100% of your entire database schema can be converted to Amazon Aurora (PostgreSQL compatible) automatically. We recommend 9 conversion action(s) to complete the conversion work.

Database objects with conversion actions for Amazon RDS for PostgreSQL

Of the total 9 database storage object(s) and 2 database code object(s) in the source database, we identifed 9 (100%) database storage object(s) and 1 (50%) database code object(s) that can be converted to Amazon RDS for PostgreSQL automatically or with minimal changes.

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employees.dbmaster@jph-maria-mariadb.cmyrfrazjwrq.us-east-2.rds.amazonaws.com:3306
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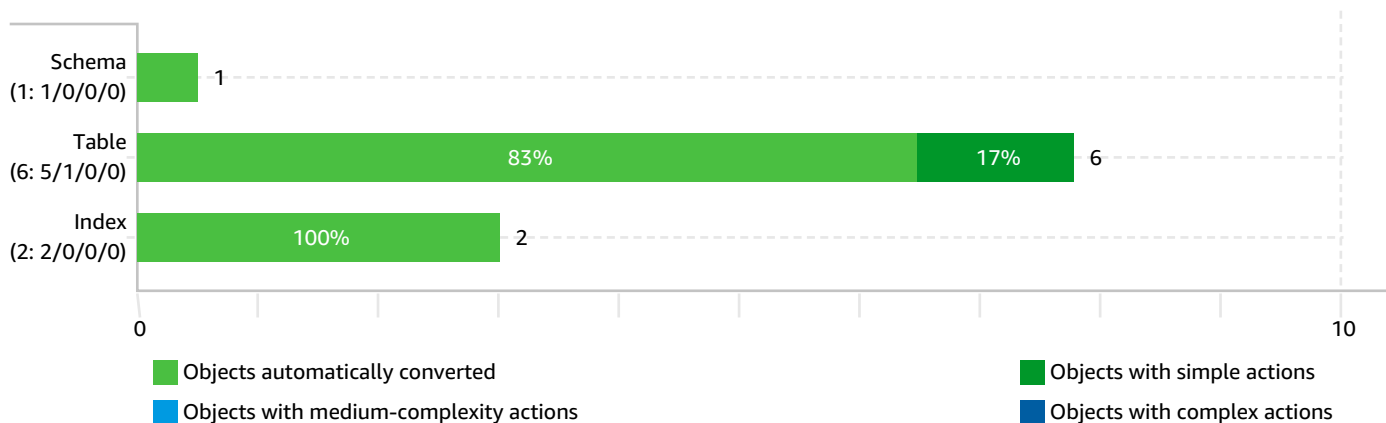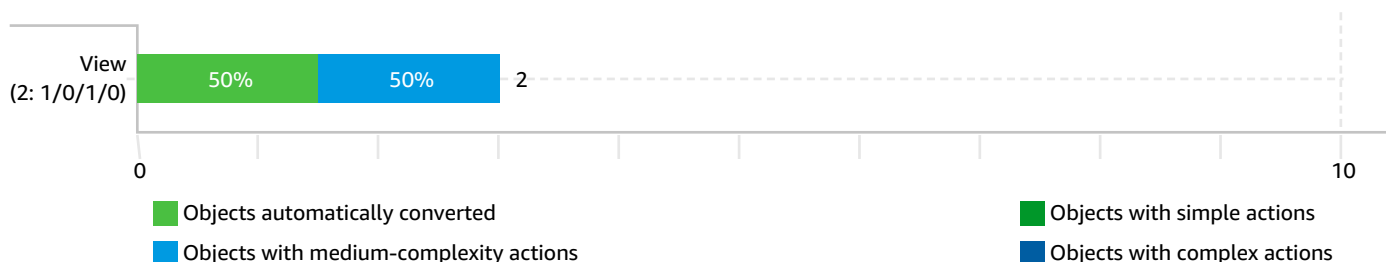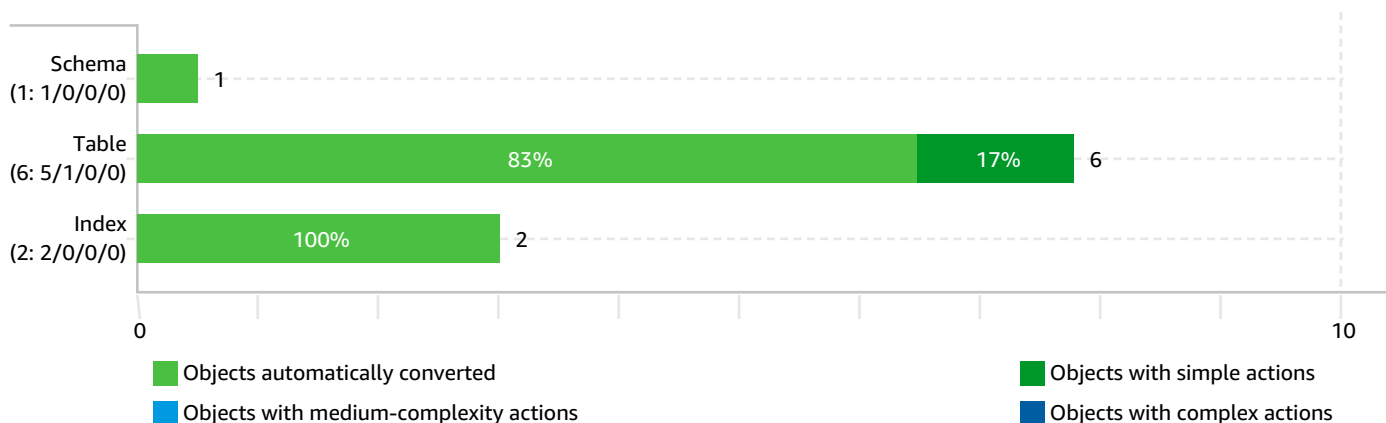**Figure: Conversion statistics for database storage objects**

Figure: Conversion statistics for database code objects

Database objects with conversion actions for Amazon Aurora (PostgreSQL compatible)

Of the total 9 database storage object(s) and 2 database code object(s) in the source database, we identifed 9 (100%) database storage object(s) and 1 (50%) database code object(s) that can be converted to Amazon Aurora (PostgreSQL compatible) automatically or with minimal changes.

Figure: Conversion statistics for database storage objects

Database migration assessment report

Figure: Conversion statistics for database code objects

- Objects automatically converted
- Objects with simple actions
- Objects with medium-complexity actions
- Objects with complex actions

Detailed recommendations for Amazon RDS for PostgreSQL migrations

If you migrate your MySQL database to Amazon RDS for PostgreSQL, we recommend the following actions.

Storage object actions

Table Changes

Not all tables can be converted automatically. You'll need to address these issues manually.

🕦 Issue 8825: Check the default value for a Date or DateTime column

Recommended action: Please review generated code and modify it if necessary.

Issue code: 8825 | Number of occurrences: 1 | Estimated complexity: Simple

Schemas.employees.Tables.titles.Columns.to_date

Code object actions

View Changes

Not all views can be converted automatically. You'll need to address these issues manually.

🕦 Issue 9997: Unable to resolve objects

Recommended action: Verify if the unresolved object is present in the database. If it isn't, check the object name or add the object. If the object is present, transform the code manually.

Issue code: 9997 | Number of occurrences: 8 | Estimated complexity: Simple

Schemas.employees.Views.dept_emp_latest_date
Schemas.employees.Views.dept_emp_latest_date
Schemas.employees.Views.dept_emp_latest_date
Schemas.employees.Views.dept_emp_latest_date
Schemas.employees.Views.dept_emp_latest_date
+3 more

Database migration assessment report
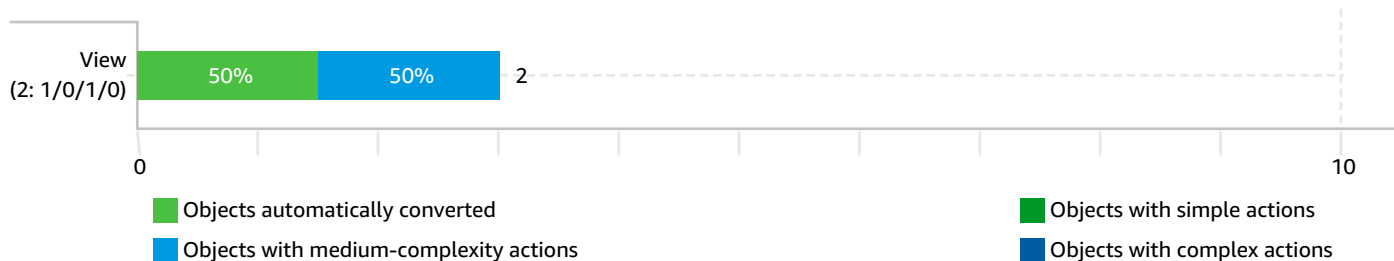
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Detailed recommendations for Amazon Aurora (PostgreSQL compatible) migrations

If you migrate your MySQL database to Amazon Aurora (PostgreSQL compatible), we recommend the following actions.

Storage object actions

Table Changes

Not all tables can be converted automatically. You'll need to address these issues manually.

🔴 Issue 8825: Check the default value for a Date or DateTime column

Recommended action: Please review generated code and modify it if necessary.

Issue code: 8825 | Number of occurrences: 1 | Estimated complexity: Simple

Schemas.employees.Tables.titles.Columns.to_date

Code object actions

View Changes

Not all views can be converted automatically. You'll need to address these issues manually.

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Schemas.employees.Views.dept_emp_latest_date
+3 more