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(54) Title: SYSTEM AND METHOD FOR DATABASE MIGRATION IN AN APPLICATION ENVIRONMENT MIGRATION

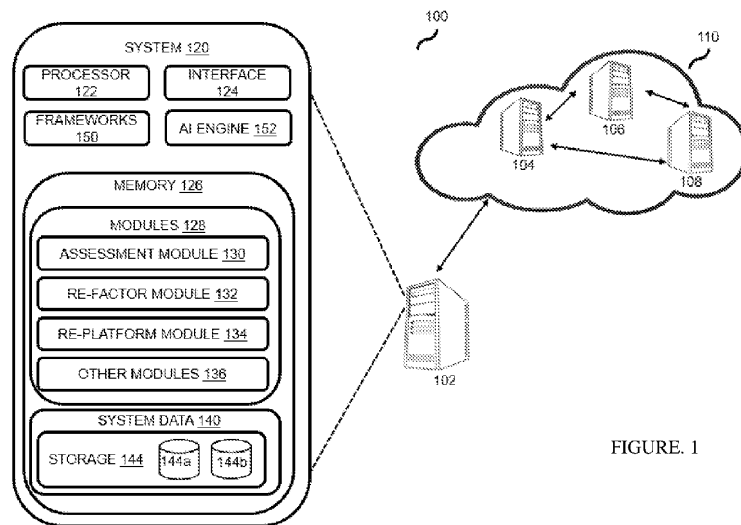


FIGURE. 1

(57) Abstract: The present subject matter discloses a system and a method for database migration in an application environment migration. In one implementation, the method comprising assessing a source database (204) of a source application environment by a processor (122) of an application server (102). The processor (122) ascertains a quantum change for migrating database components (204a, ..., 204n) of the source database (204) to a target database (424) and forecasts an assessment statistic (302) that provides at least one functional readiness (304) and a timeline (306) to complete the migration of the database components (204a, ..., 204n) of the source database (204). The processor (122) further scans the source database (204) for identifying dependencies between the database components (204a, ..., 204n) in form of database links and generates a re-factored database structure (506a, ..., 506n) by breaking the source database (204) in accordance with the target database (424) while retaining the database links. Thereby, updating granular database components (424a, ..., 424n) of the target database (424) as per the forecasted assessment statistic (302) and the re-factored database structure (506a, ..., 506n) by the processor (122) and thus migrating the source database (204) to the target database (424), wherein the migration re-platforms the updated granular database components (424a, ..., 424n).

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