

eZAutomate DB Configuration



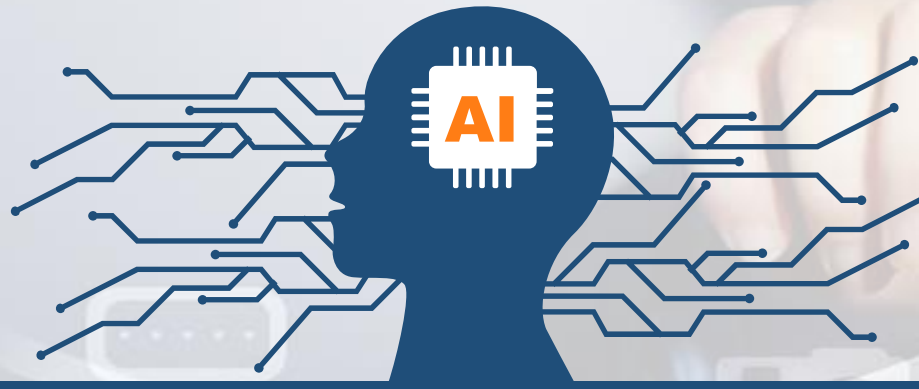
PRODUCT QUALITY



OPERATIONAL EFFICIENCY



TEST INFRASTRUCTURE UTILIZATION



Universal Technology Solutions



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Pre-requisites

For understanding eZAutomate DB Configuration:

- eZAutomate should be installed on your system.
- TestMagic database should be created.
- Database server credentials should be known.



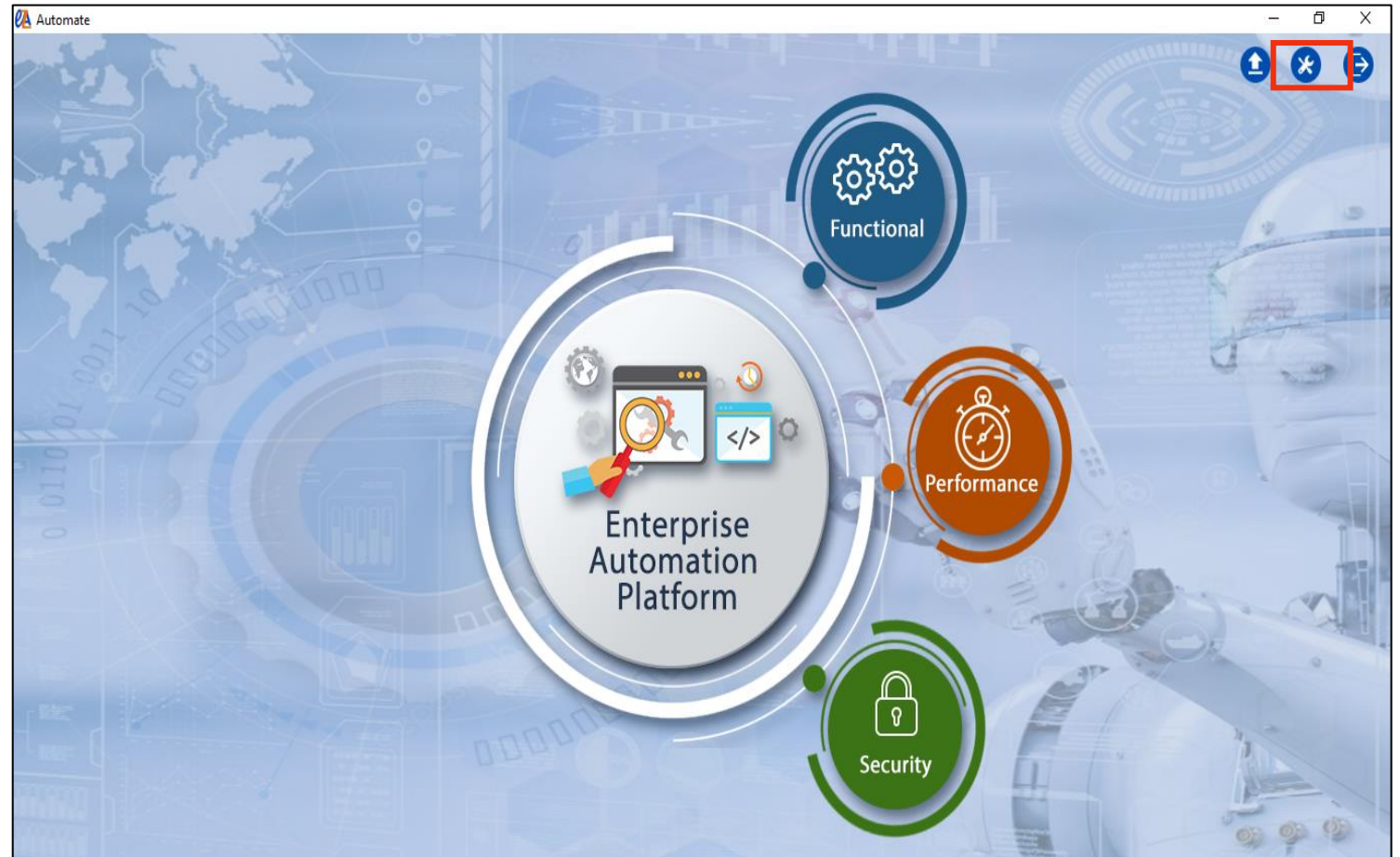
DB Configuration in eZAutomate

- These settings will help to configure the database in which user saves eZAutomate test scripts, data parameterization, execution reports etc.
- After configuration, user can verify the selected database activation.
- User can create separate database(s) for execution reports and test scripts. Three options are displayed for Database Configuration (MS SQL, MySQL, SQLite); user can choose one of them.

The screenshot shows the 'eZ Settings' window with the 'DB Configuration' tab selected. The 'Database Configuration' section has three radio buttons: 'MS SQL' (selected), 'MySQL', and 'SQLite'. Below these is a checked checkbox 'Use same database for Report.'. There are three sub-tabs: 'Main Database', 'Report Database', and 'Loan Licence'. The 'Main Database' sub-tab is active, showing fields for 'Server Name', 'User Name', 'Password', 'DB Name', and 'Timeout'. To the right of these fields are a refresh icon, a 'Windows Authentication' checkbox, and 'Connect' and 'Test Connection' buttons. The 'DB Version' is displayed as '6.2.0.13'. An 'Apply' button is at the bottom right of this section. The 'Third Party Management Tools Configuration' section has a 'Connection Type' dropdown set to 'Quality Center' and a 'Project' dropdown set to 'ACLEDA'. Below these are fields for 'URL', 'User Name', 'Password', and 'Domain Name', with a 'Test Connection' button to the right. At the bottom of the window are buttons for '?', 'Open Log Folder', 'Logs Cleaner', 'Cache Cleaner', and 'Close'.

DB Configuration Settings Navigation :

- Click on **Setting** button.



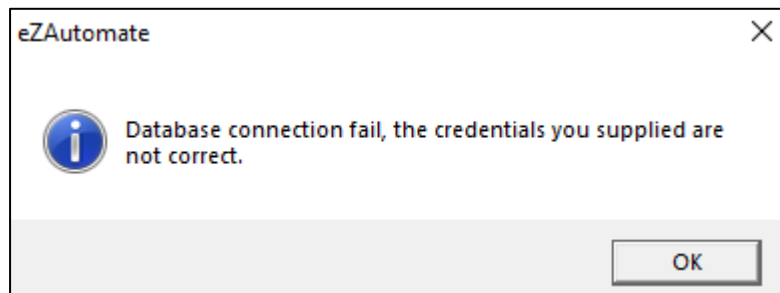
DB Configuration Settings

- Select **DB Configuration Settings** tab.
- Refresh button will get list of connected servers to the network.
- User can either type server name to connect or can select the server from the list.
- Click on **Refresh** button to get the list of connected server to the network
- Select '**Use Same Database for Report**' checkbox to use the same database for scripts and execution reports, else uncheck this check box.
- Click on **Use same database for Report** checkbox to use same database for report.

The screenshot displays the 'EZ Settings' application window, specifically the 'DB Configuration' tab. The 'Database Configuration' section shows 'MS SQL' selected as the database type. The checkbox 'Use same database for Report' is checked and highlighted with a red box. Below this, the 'Main Database' section contains fields for 'Server Name' (UTS-NIKHILG), 'User Name' (sa), 'Password' (*****), 'DB Name' (TestMagic), and 'Timeout' (30). A 'Refresh' button (circular arrow icon) is highlighted with a red box. To the right of these fields are checkboxes for 'Windows Authentication', 'Connect', 'Test Connection', and 'DB Version : 6.2.0.13'. An 'Apply' button is at the bottom right of this section. The 'Third Party Management Tools Configuration' section at the bottom includes fields for 'Connection Type' (Quality Center), 'Project' (ACLEDA), 'URL', 'User Name', 'Password', and 'Domain Name', with a 'Test Connection' button.

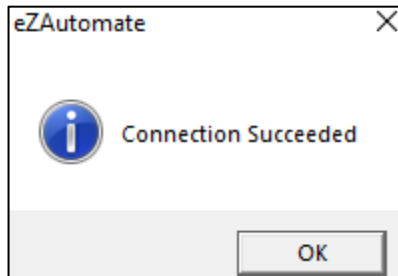
DB Configuration Settings (contd.)

- Select or enter **Server Name**.
- Specify the **User Name** and **Password** for the selected server.
- Click on **Connect** button to connect to the server.
- In case invalid credentials are entered then, eZAutomate will popup with the following message :

A screenshot of the "eZ Settings" application window. The "DB Configuration" tab is active. Under "Database Configuration", "MS SQL" is selected. The "Main Database" sub-tab is active, showing fields for "Server Name" (UTS-NIKHILG), "User Name" (sa), "Password" (masked with asterisks), "DB Name" (TestMagic), and "Timeout" (30). There are "Connect" and "Test Connection" buttons. A "Windows Authentication" checkbox is also present. Below this, the "Third Party Management Tools Configuration" section shows fields for "Connection Type" (Quality Center), "Project" (ACLEDA), "URL", "User Name", "Password", and "Domain Name", with a "Test Connection" button. At the bottom, there are buttons for "Open Log Folder", "Logs Cleaner", "Cache Cleaner", and "Close".

DB Configuration Settings (contd.)

- In case database uses Windows Authentication then select **Windows Authentication** checkbox.
- Next, click on **Connect**.
- After successful connection to the server, select **DB Name** and specify **Timeout** for the database connection.
- **Test Connection**: After connection to the database is successful, a confirmation message “**Connection Succeeded**” is displayed.



- Click on **OK**.

The "eZ Settings" window has three tabs: "Execution", "DB Configuration" (selected), and "Search Configuration". Under "Database Configuration", there are radio buttons for "MS SQL" (selected), "MySQL", and "SQLite". A checkbox "Use same database for Report" is checked. Below are three sub-tabs: "Main Database", "Report Database", and "Loan Licence". The "Main Database" sub-tab contains fields for "Server Name" (UTS-NIKHILG), "User Name", "Password", "DB Name" (TestMagic), and "Timeout" (30). To the right of these fields are a refresh icon, a checked "Windows Authentication" checkbox, a "Connect" button, a "Test Connection" button, and the text "DB Version : 6.2.0.13". An "Apply" button is at the bottom right of this section. The "Third Party Management Tools Configuration" section below has a "Connection Type" dropdown (Quality Center), a "Project" dropdown (ACLEDA), and fields for "URL", "User Name", "Password", and "Domain Name". A "Test Connection" button is to the right of these fields. At the bottom of the window are buttons for "?", "Open Log Folder", "Logs Cleaner", "Cache Cleaner", and "Close".

DB Configuration Settings (contd.)

Management Tool Configuration

TestMagic Suite supports three quality management tools –

1. HP ALM Quality Centre (QC)

2. IBM's Rational Quality Manager (RQM)

3. Test Rail

- These settings need to be configured for TestMagic ALM to update the status of the executed test case(s) in QC, RQM or Test Rail, else skip these configuration settings.
- These tools configuration will be used in TestMagic ALM.
- All configuration details will be showed as per configuration in TestMagic ALM.

The screenshot shows the 'Settings' window with the 'DB Configuration' tab selected. The 'Database Configuration' section has three radio buttons: 'MS SQL' (selected), 'MySQL', and 'SQLite'. A checkbox 'Use same database for Report' is checked. Below this are three tabs: 'Main Database', 'Report Database', and 'Loan Licence'. The 'Main Database' tab is active, showing fields for 'Server Name' (UTS-NIKHILG), 'User Name' (sa), 'Password' (masked with asterisks), 'DB Name' (TestMagic), and 'Timeout' (30). There are buttons for 'Connect' and 'Test Connection', and a 'DB Version : 6.2.0.13' label. An 'Apply' button is at the bottom right of this section. The 'Third Party Management Tools Configuration' section has a 'Connection Type' dropdown set to 'Quality Center' and a 'Project' dropdown set to 'ACLEDA'. It also has fields for 'URL', 'User Name', 'Password', and 'Domain Name', along with a 'Test Connection' button. At the bottom of the window are buttons for 'Open Log Folder', 'Logs Cleaner', 'Cache Cleaner', and 'Close'.

DB Configuration Settings (contd.)

- User can verify connection using these settings, but user can't change any value.
- User can do temporary changes to test connection.
- These settings are optional.
- Click on **Test Connection** button.
- In **Management Tool Configuration**, if a connection to QC/RQM/Test Rail has already been saved using TestMagic ALM, the relevant settings will be automatically displayed in the Management Tool Information dialogue box. If the settings are not saved in TestMagic ALM, the fields will remain blank

The screenshot shows the 'Settings' dialog box with the 'DB Configuration' tab selected. The 'Database Configuration' section has 'MS SQL' selected. The 'Use same database for Report' checkbox is checked. The 'Main Database' sub-tab is active, showing fields for 'Server Name' (UTS-NIKHILG), 'User Name' (sa), 'Password' (masked with asterisks), 'DB Name' (TestMagic), and 'Timeout' (30). To the right of these fields are buttons for 'Refresh', 'Windows Authentication' (unchecked), 'Connect', and 'Test Connection'. The 'DB Version' is displayed as 6.2.0.13. At the bottom right of this section is an 'Apply' button. Below this is the 'Third Party Management Tools Configuration' section, which includes 'Connection Type' (Quality Center), 'Project' (ACLEDA), and fields for 'URL', 'User Name', 'Password', and 'Domain Name'. A 'Test Connection' button is also present here. At the very bottom of the dialog are buttons for '?', 'Open Log Folder', 'Logs Cleaner', 'Cache Cleaner', and 'Close'.

DB Configuration Settings (contd.)

Third Party Management Tools Configuration Steps:

- **Connection Type:** Select Quality Centre/Rational Quality Manager/Test Rail to update the status of the executed test case(s) in QC/RQM/Test Rail database.
- **Project:** Select the project in which the TestCases are saved.
- **URL:** Type the URL of the application selected.
- QC/RQM/Test Rail depending on your selection of Connection Type. For instance, a sample URL will be:
 - QC:-http://<IP address>/qcbn.
 - RQM:-https://rqmserver.uts-global:9443/qm.
 - Test Rail:-http://192.168.1.140/testrail.
- **Username:** Type the QC/RQM/Test Rail username.
- **Password:** Type the QC/RQM/Test Rail password.

The screenshot shows the 'Z Settings' window with two tabs: 'DB Configuration' and 'Third Party Management Tools Configuration'.

DB Configuration Tab:

- Database Configuration:** Radio buttons for MS SQL (selected), MySQL, and SQLite. A checkbox 'Use same database for Report' is checked.
- Main Database:** Fields for Server Name (UTS-NIKHILG), User Name (sa), Password (*****), DB Name (TestMagic), and Timeout (30).
- Report Database:** Empty field.
- Loan Licence:** Empty field.
- Buttons:** Windows Authentication (unchecked), Connect, Test Connection, and Apply.
- DB Version:** 6.2.0.13.

Third Party Management Tools Configuration Tab:

- Connection Type:** Quality Center (selected).
- Project:** ACLEDA (selected).
- URL:** Empty field.
- User Name:** Empty field.
- Password:** Empty field.
- Domain Name:** Empty field.
- Buttons:** Test Connection.

Footer: Open Log Folder, Logs Cleaner, Cache Cleaner, Close.

DB Configuration Settings (contd.)

Third Party Management Tools Configuration Steps:

- If **Quality Centre** is selected, in Connection Type, Domain Name text box will be displayed. Type the domain name as per your QC credentials. This text box will not be displayed if user has selected RQM or Test Rail in Connection Type.
- Click **Test connection** to check connection to the respective QC or RQM server, else click **Close**.
- After a connection is established, either of the following confirmation messages is displayed depending on your connection QC connected successfully/RQM connected successfully/Test Rail connected successfully.

Settings

Execution DB Configuration Search Configuration

Database Configuration

☒ MS SQL ☐ MySQL ☐ SQLite

☒ Use same database for Report.

Main Database Report Database Loan Licence

Server Name UTS-NIKHILG

User Name sa

Password *****

DB Name TestMagic

Timeout 30

Windows Authentication

Connect

Test Connection

DB Version : 6.2.0.13

Apply

Third Party Management Tools Configuration

Connection Type Quality Center Project ACLEDA

URL

User Name

Password

Domain Name

Test Connection

Open Log Folder Logs Cleaner Cache Cleaner Close

Thank you for your time and patience



**Testing tomorrow's business
by Innovating Possibilities**

TestMagic
An Innovative Test Solution

eAutomate
beyond the obvious...

For more information contact, testmagic@uts-global.com

