11.6.8 Script Status

1. **Script Status** page allows the administrator to view and execute scripts/migration activities. It is also possible to run these scripts from this page.

If any script(s) (Sql or Migration page) is (are) not executed when regular (non-admin) users login to the application, login is not permitted.

Instead, an error message in red text is displayed as below:

2. The Administrator must run all non-executed scripts(DB and Migration pages) shown therein.
When a new script is encountered, or a new database is accessed, the new script is not run and its status is **Not-Executed** as shown

below.

8417	#1590 Migrations to update QuestionIds in Analysis Question table.sql	Executed
8418	#1590 Create Index for the Number columns of ExamContent Table.sql	Executed
8419	#1590 Create Views On ExamContent table.sql	Executed
8420	#4574 - Create Analysis Set Questions table and Migration.sql	Executed
8456	#3820 Add IsDefault in AnalysisSetQuestions Table.sql	Executed
8459	BindExternalIdAnalysisQuestionDataToLatestVersionQuestion.aspx	Executed
8460	#4644 Modified View QuestionsInExam.sql	Executed
8487	#4644 Additional Indexes for supporting QuestionsInExam vw_AllNonRtype_RtypeStems views.sql	Executed
8632	#4596 - Alter Index IX_Question_ParentQuestion Include Itembank and QuestionType Column.sql	Executed
999999991	Migration Page with Error And Message.aspx	Not-Executed

Run All Scripts   **UnBlock Application**

3. Click **Run All Scripts** to execute the Migration Script. At the end of such a script run, the pop-up error message below is displayed.
4. The **Script Status** page contains two buttons:
   - Run All Scripts
   - UnBlock Application

   a. **Run All Scripts**:
      Clicking on **Run All Scripts** button starts executing all scripts displayed on the page. While this process is going on, admin can see an updated status of the scripts on same page.
      i. If all scripts are executed successfully then admin receives an alert with the message **Scripts are executed successfully.You can proceed further.** This confirms that all scripts have been executed successfully. Ordinarily, the Script Status page displays the script run success in green text as Success, when the script has run successfully.

4313	Create Index on QuestionMetadata.sql	Executed	Success
4329	Create Index on Blueprint.sql	Executed	Success
4333	Reset Links to add EmailNotification on Report.sql	Executed	Success
4350	MigrationSavedSearch.aspx	ed	Success
4424	Migration for transferring enemy que	ed	Success
4449	AddColumnIsDeletedToExamSectio	ed	Success
4455	AddColumnIsDeletedToExamCase.	ed	Success
4522	ResetLinksToAddReviewConfigHelp	ed	Success
4539	CreateViewsAndIndexesForReport.	ed	Success
4560	Migration in project for replacing requireblueprintassignment with writerclassifyquestion and writerclassificationlevel.sql	Executed	Success
4563	#1834 Create AssetFile and migrate exiting Asset.sql	Executed	Success
4601	MathMLAssetLinkMigration.aspx	Executed	Success
5030	Added Help Link to Script Status Page.sql	Executed	Success
5035	Add Layout to Option Attributes.sql	Executed	Success

Message

Scripts are executed successfully.You can proceed further.

OK

Run All Scripts   **UnBlock Application**

Clicking **OK** takes you to the **Script Status** page. The application is now unlocked and all regular users can login to the application.

Custom message for successful script run

When a developer has set a custom message for the script, it shows up in orange text as Success, which is a hyperlink.

8460	#4644 Modified View QuestionsInExam.sql	Executed	Success
8487	#4644 Additional Indexes for supporting QuestionsInExam vw_AllNonRtype_RtypeStems views.sql	Executed	Success
8632	#4596 - Alter Index IX_Question_ParentQuestion Include Itembank and QuestionType Column.sql	Executed	Success
99999991	R1.aspx	Executed	Success...
99999993	R2.aspx	Executed	Success...
99999999	R.aspx	Executed	Success...

Run All Scripts   **UnBlock Application**

Hyperlinked Success message

Clicking on the Success hyperlink displays the following custom message in orange text as specified by the developer. Each script can have its own custom success message, which can be viewed by clicking its own hyperlink.

Message

Script Name : 99999991_R1.aspx Info : Message : ERROR_ERROR_ERROR

[OK]
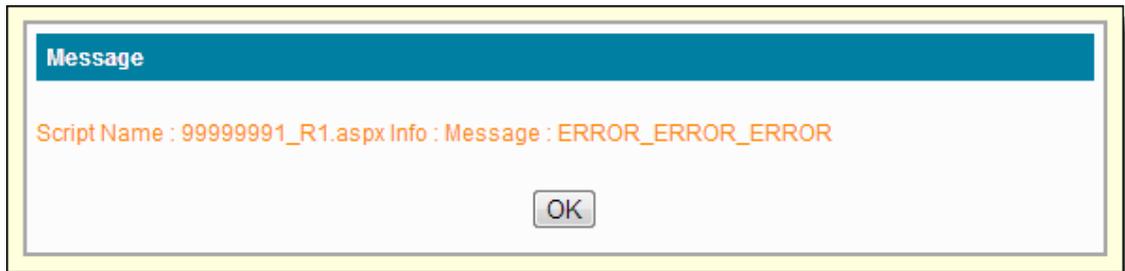
Clicking **OK** takes you back to the **Script Status** page.

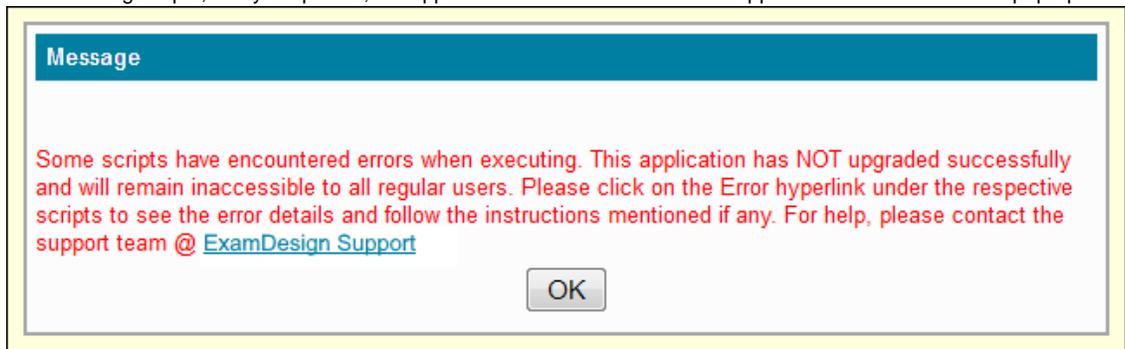The ExamDeveloper application is in the unblocked state after this because all the scripts have run successfully and there is no error.
The success message is seen and there is no page redirection.
Emails are sent to the Item Bank Manager and Organization Manager with the success messages for all scripts that have run.

ii. While running scripts, if any script fails, the application sends an email to the support team and shows error pop-up.

Message

Some scripts have encountered errors when executing. This application has NOT upgraded successfully and will remain inaccessible to all regular users. Please click on the Error hyperlink under the respective scripts to see the error details and follow the instructions mentioned if any. For help, please contact the support team @ ExamDesign Support

[OK]

Clicking **OK** takes you to the **Script Status** page with the script result displayed in red text as Error and it is hyperlinked.

8487	#4644 Additional Indexes for supporting QuestionsInExam vw_AllNonRtype_RtypeStems views.sql	Executed	Pre-Executed
8632	#4596 - Alter Index IX_Question_ParentQuestion Include Itembank and QuestionType Column.sql	Executed	Pre-Executed
999999991	Migration Page with Error And Message.aspx	Not-Executed	Error...

[Run All Scripts] [UnBlock Application]

Clicking the Error hyperlink shows the error message specific to that script.

You must click the **UnBlock Application** button to be able to access the application.
The application remains blocked for regular users until all such errors are resolved.
Whenever a script fails with an error, a hyperlink 'Error...' is shown in the 'Result' column. On clicking the 'Error...' link, a popup window opens up with the error description as well as any additional instructions if any that needs to be followed, as shown in the screenshot below:

4313	Create Index on QuestionMetadata.sql			Executed	Success
4329	Create Index on Blueprint.sql			Executed	Success
4333	Reset Links to add EmailNotification on Report.sql			Executed	Success
4350	MigrationSavedSearch.aspx			cuted	Error...
4424	Migration for transferring enemy que	**Message**		d	Success
4449	AddColumnIsDeletedToExamSectio			d	Success
4455	AddColumnIsDeletedToExamCase.	Script Name : 4350_MigrationSavedSearch.aspx Error : This script execution generated an error: Could not perform FindAll for Project		d	Success
4522	ResetLinksToAddReviewConfigHelp			d	Success
4539	CreateViewsAndIndexesForReport.			d	Success
4560	Migration in project for replacing rec	[OK]		d	Success
4563	#1834 Create AssetFile and migrate exiting Asset.sql			Executed	Success
4601	MathMLAssetLinkMigration.aspx			Executed	Success
4645	AddMetadataEditLink.sql			Executed	Success

WARNING: USE ONLY AFTER TALKING WITH PEARSON VUE TECH SUPPORT

The information below about how to skip migration scripts or unblock the application is an advanced feature that is NOT recommended unless you have already spoke with Pearson VUE Tech Support and they recommended the strategy. Not running scripts can cause harm to your database, from which you may or may not be able to recover. If you perform this action without Pearson VUE Tech Support's consultation and the database is corrupted, you will be asked to restore the database to a time before which the script was skipped, thus losing all of the information that was entered thereafter.

iii. The System Administrator can skip certain scripts by adding the script numbers as a parameter in the URL described below. Such chosen scripts are not executed.

For example, to skip script 3493, the URL to be used to access the **Script Status** page would be *http://ED/edTrunk/role _admin/ScriptStatus.aspx?skip=3493*.
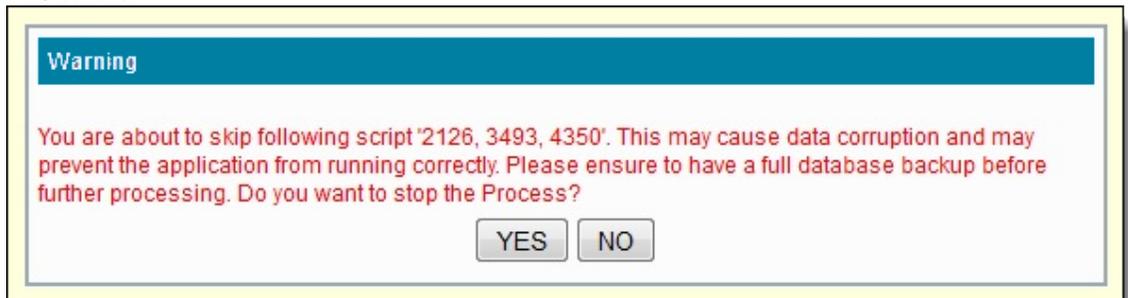
2126	AssetSizeCorrection.aspx	Executed
3493	RemoveReviewStateFromManualAssignment.aspx	Not-Executed
3948	QuestionOptionSearchTextUpdate.aspx	Executed
3985	AssetLinkMigration.aspx	Executed
4094	Alter Table QuestionEnemy Add indexes and Constraints.sql	Executed

Multiple scripts can be skipped by specifying the script numbers separated by commas. For example, to skip scripts 2126, 3493, and 4350, you can browse to the modified URL: *http://ED/edTrunk/role_admin/ScriptStatus.aspx?skip=212 6,3493,4350*.

Then click on **Run All Scripts** button.

Upon clicking the **Run All Scripts** button, a warning message is displayed as, "You are about to skip following script '<script numbers with comma separation>'. This may cause data corruption and may prevent the application from running correctly.

Please ensure to have a full database backup before further processing. Do you want to stop the Process?" with **YES** an d **NO** buttons.

If admin clicks **YES** the process does NOT continue.
If admin clicks **NO** all scripts excluding those included in the modified URL are executed.

2126	AssetSizeCorrection.aspx	Executed	Skip
3493	RemoveReviewStateFromManualAssignment.aspx	Not-Executed	Skip
3948	QuestionOptionSearchTextUpdate.aspx	Executed	Success
3985	AssetLinkMigration.aspx	Executed	Success
4094	Alter Table QuestionEnemy Add indexes and Constraints.sql	Executed	Success

b. **UnBlock Application**:
Use the **UnBlock Application** button to unblock the application, even if some script(s) have not been executed successfully. It is however highly inadvisable to unblock an application in this state.

Unblocking the application without running all required upgrades may result in data corruption and other issues.
If the admin user confirms unblocking, the application is unblocked and the admin user is redirected to the default admin page.

Regular users can now login into the application, or the application remains blocked and the admin user remains on the same page.

Warning

Unblocking the application without running all required scripts may result in data corruption and other issues. This is highly unadvisable. Are you sure you want to continue?

YES   NO