

OUPI Deployment Process

Scheduling Batch Files – Jobs and Rebuild

The purpose of this document is to guide you through the deployment process involved for corporate Solution. This Deployment Manual provides step-by-step guidelines to deploy the application making the process easier and more effective, helping you to complete the deployment activity successfully.

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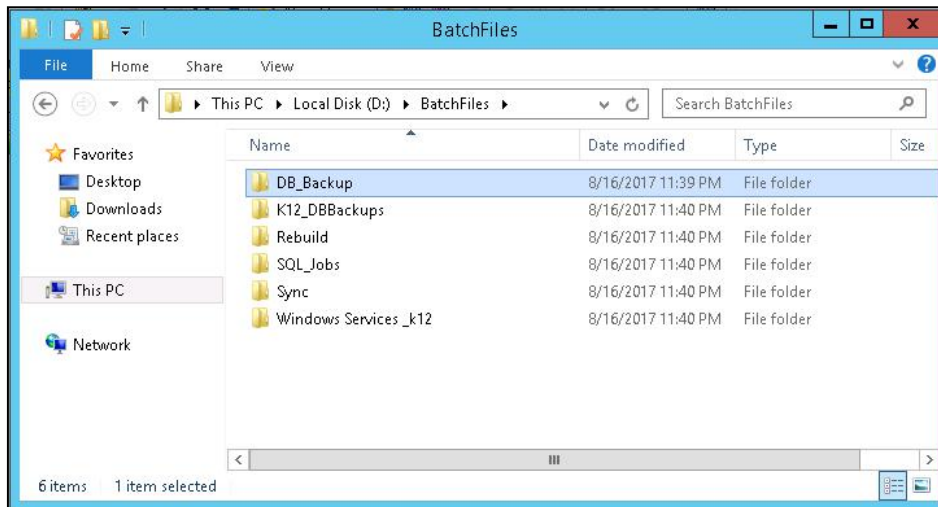
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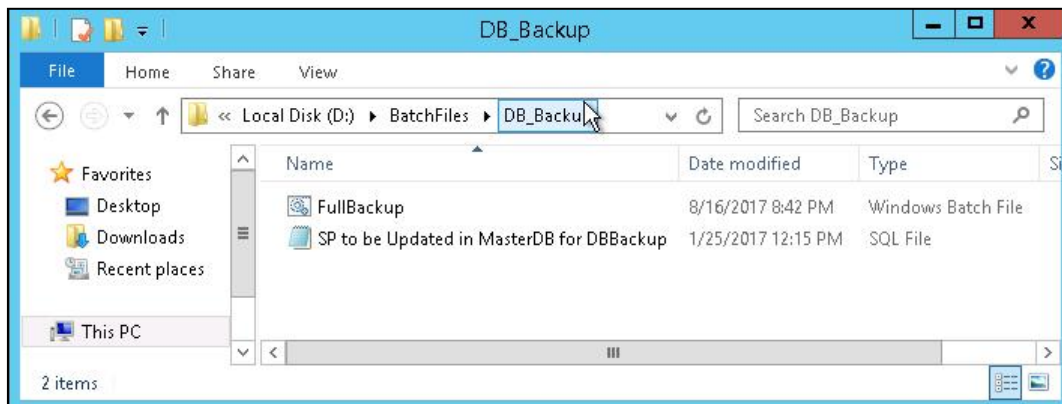
Table of Contents

1.1	<i>Scheduling DB Backups.....</i>	4
1.2	<i>Scheduling SQL Jobs.....</i>	13
1.3	<i>Scheduling Rebuild Indexing.....</i>	20

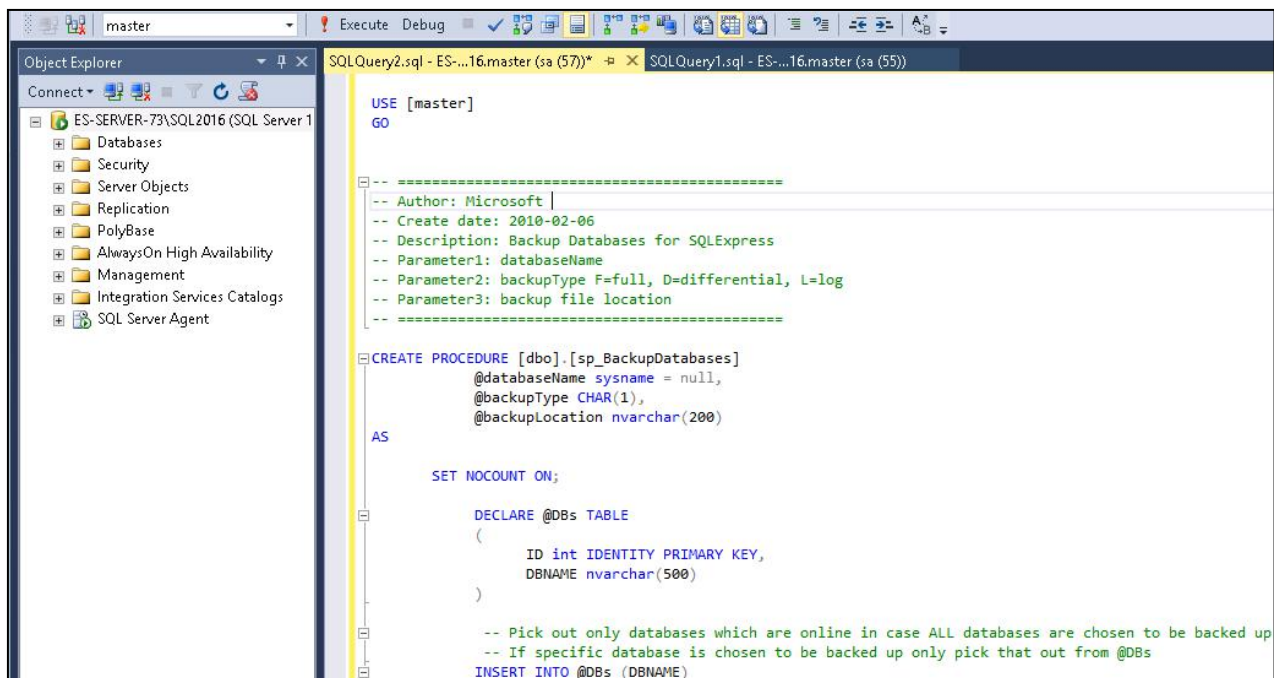
1.1 Scheduling DB Backups.



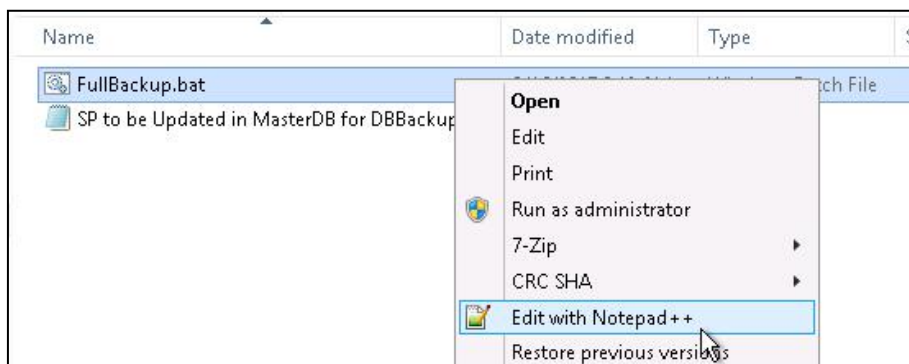
1. Batch Files for DB Backups.



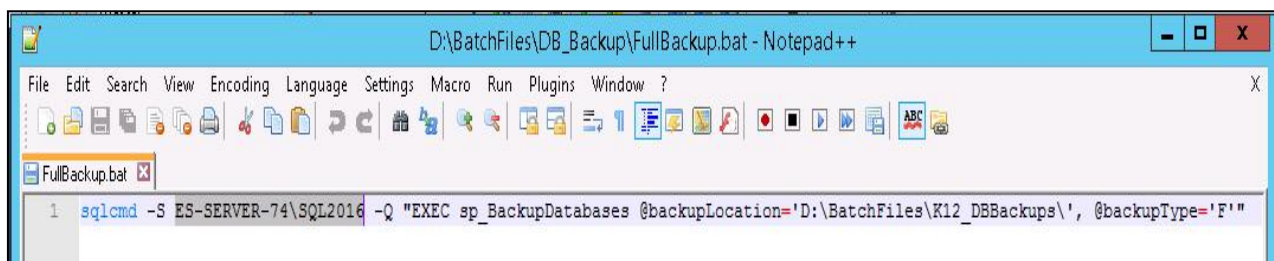
2. Before Scheduling Batch File, create the SP in **Master** DB provided in Notepad.



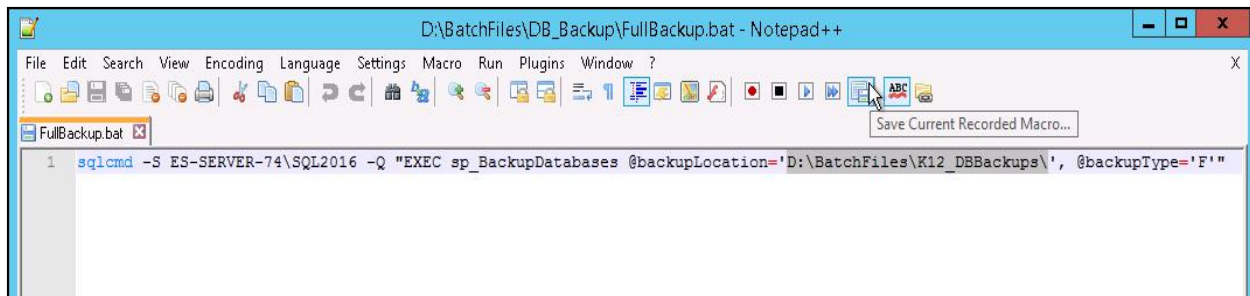
3. Create the DB Backup **Stored Procedure** in Master DB.



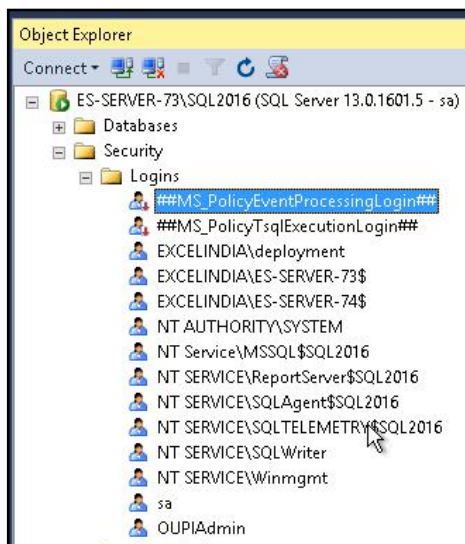
4. Right Click and Edit the '**FullBackup.bat**' Batch file in Notepad or Notepad++.



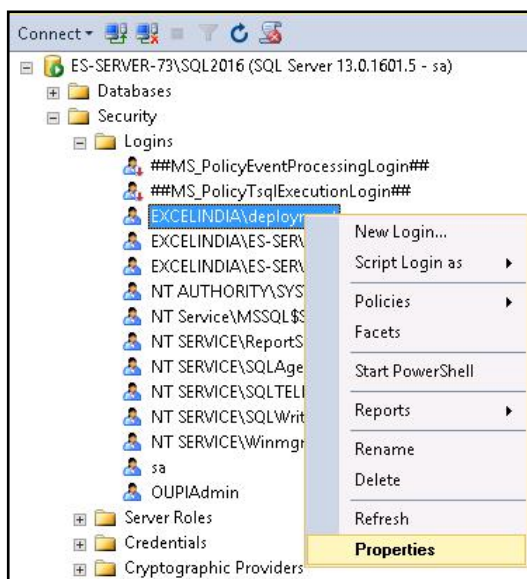
5. Update the DB Instance Server Name as highlighted above.



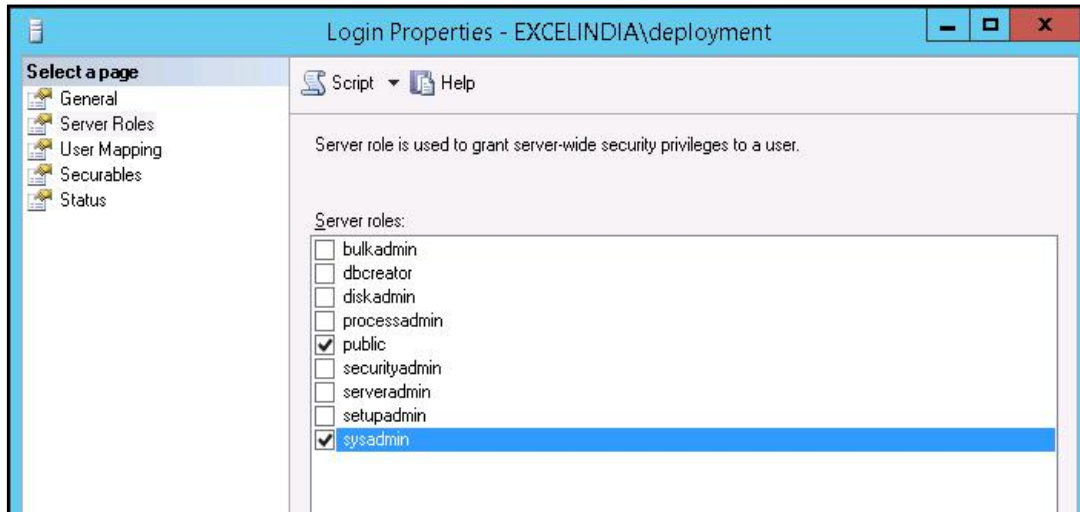
6. Update the DB Backup path Location as highlighted above and Save the File then Close the File.



7. Open the SQL Server and Expand the Logins under Security, where we can see list of Logins.

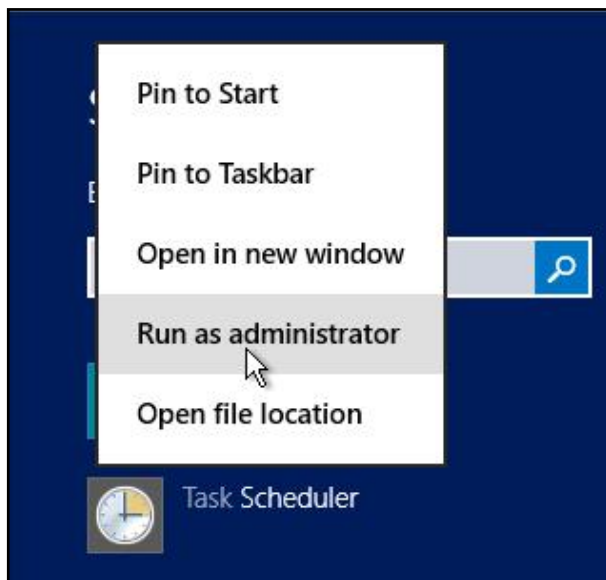


8. Right Click on each and every Logins, Click on **Properties**.

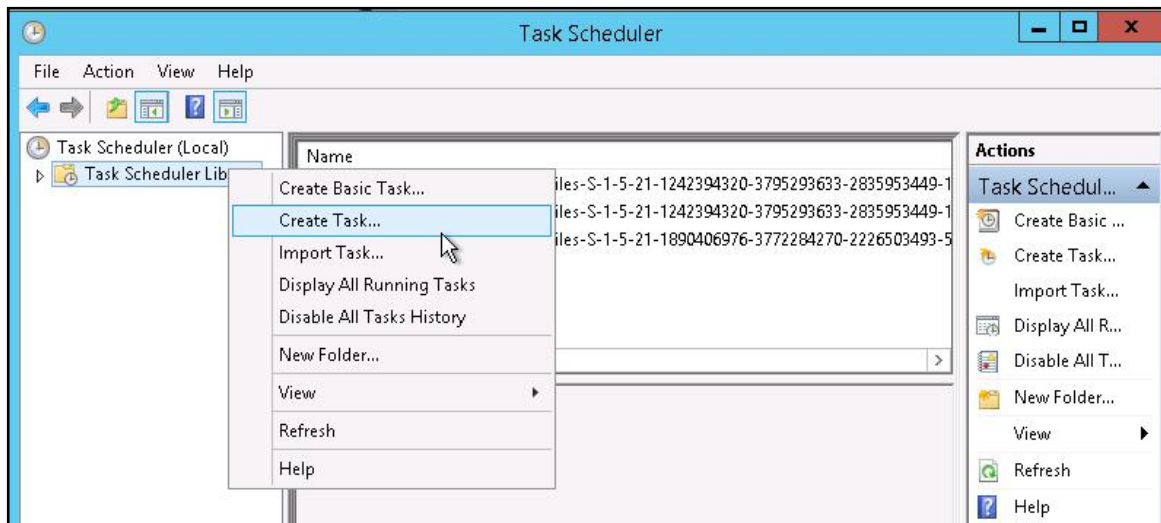


9. In Properties window, click on Server Roles and select the '**sysadmin**' Role.

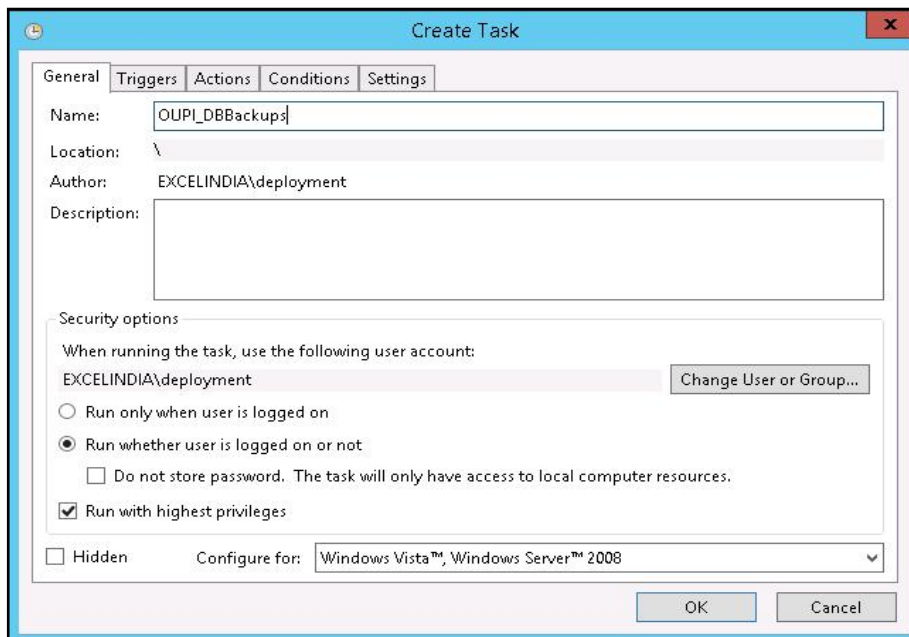
Note: Repeat the Steps(7&8) for all the Logins listed, else DB Backup's may Fail.



10. Open the Task Scheduler with Run as Administrator.

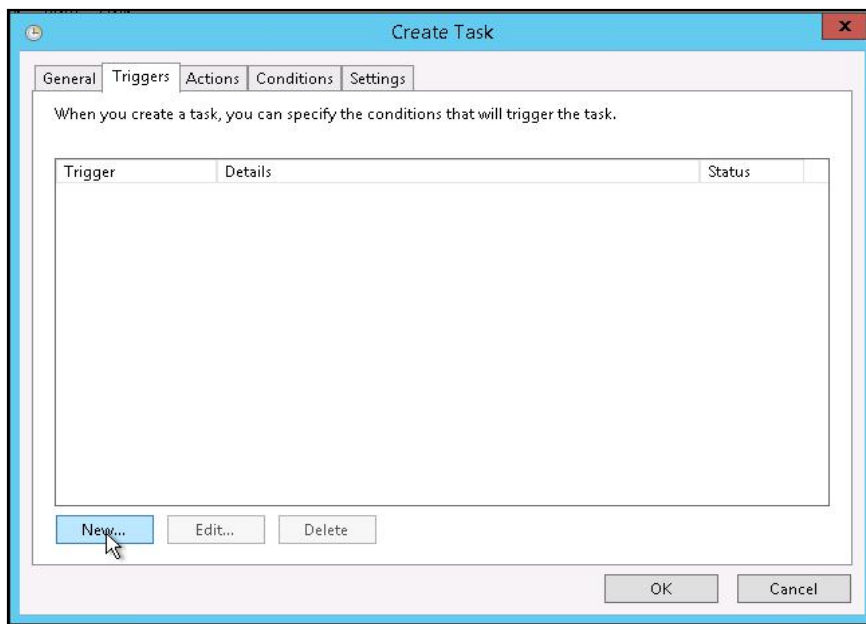


11. Right Click on **Task Scheduler Library** and click on **Create Task**.

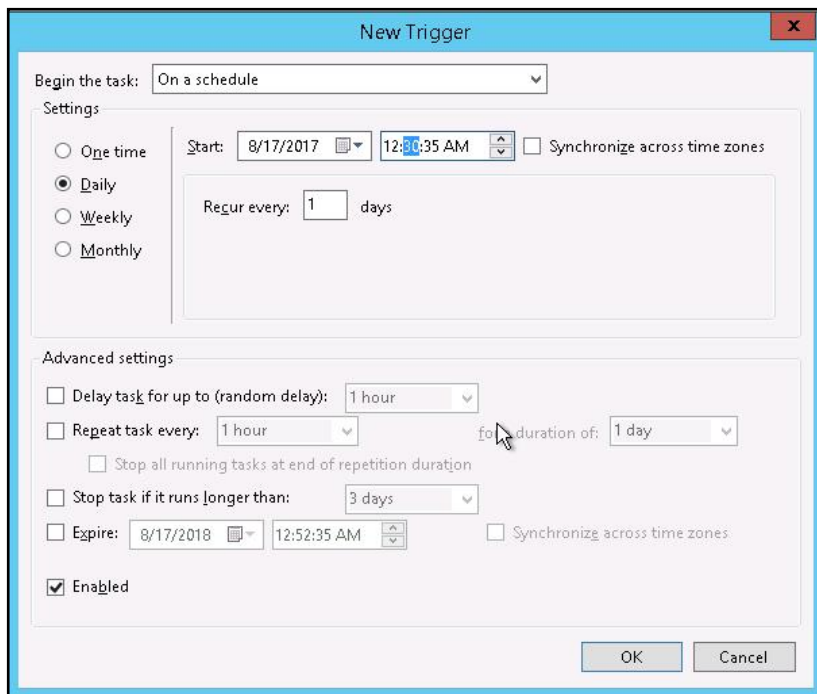


12. In **General** Tab, provide the Suitable Task Name(**OUPI_DBBackups**) for Scheduling DB Backup.

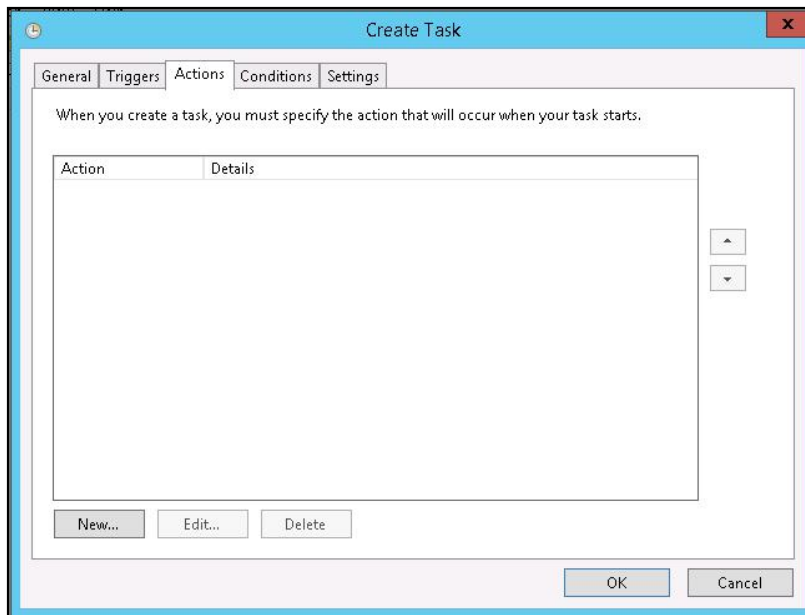
13. In **Security options**, select **Run whether user is logged on or not** and **Run with highest privileges**.



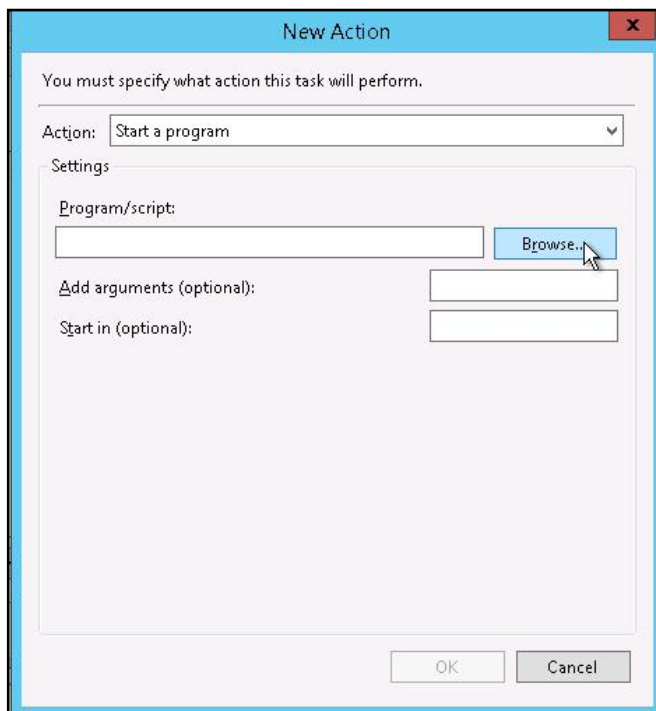
14. In Triggers Tab, click on **New Tab**.



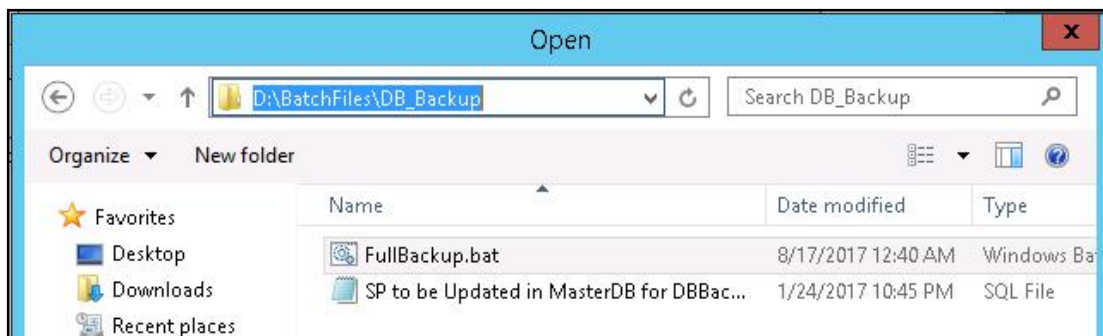
15. Select the **Daily** option and provide the Backup timings with Start Date on right pane, then click **OK**



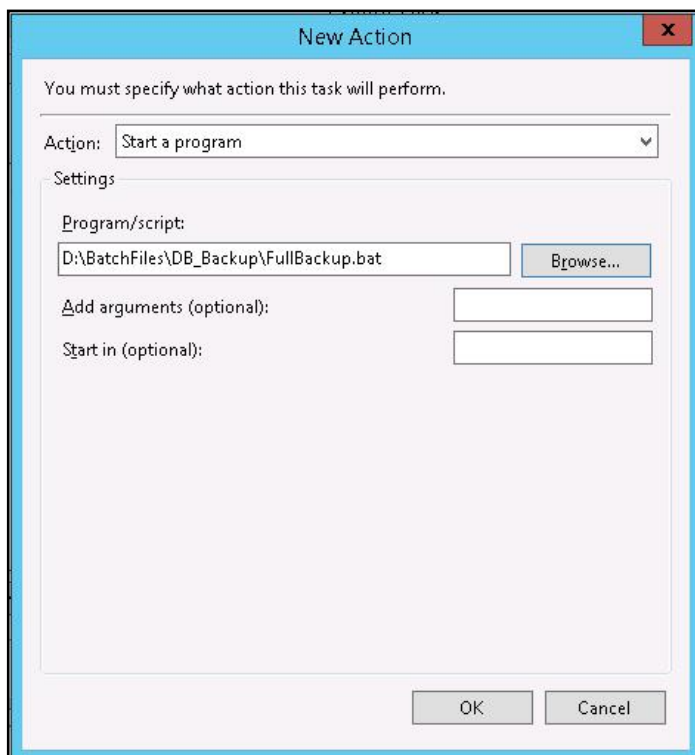
16. In **Actions** tab, click on **New** Button.



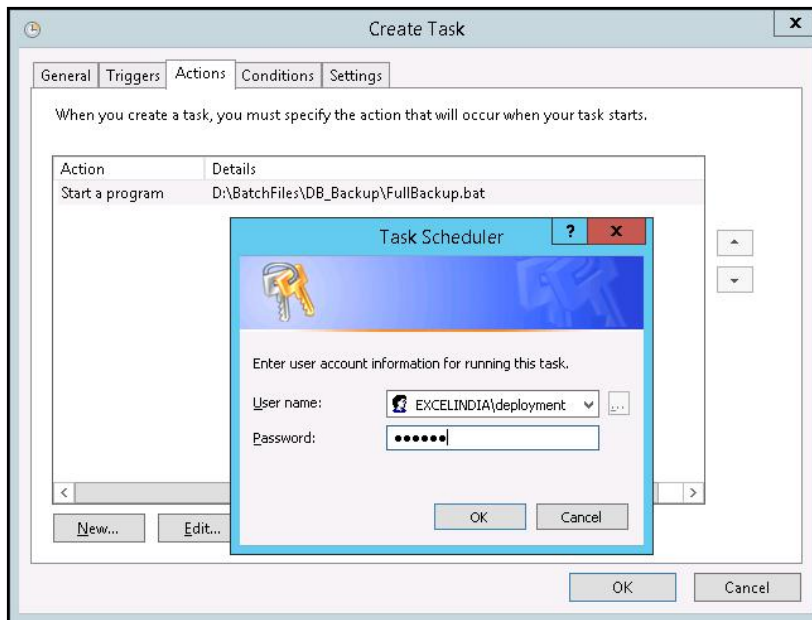
17. Click on **Browse** Button.



18. select the **Batch File** where it is located, then Click **OK**.



19. Click **OK**.

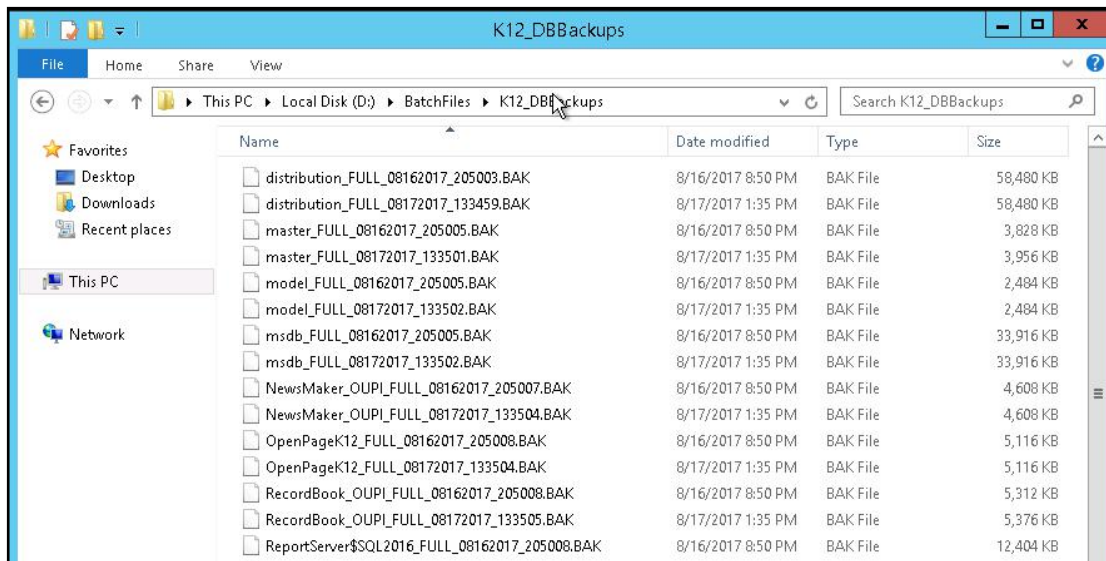


20. On Clicking OK Button again, credentials window will be opened. Provide the system **username and password** for the same.

Name	Status	Triggers	Next Run Time	Last Run Time	Last Run Result
Optimize Start Men...	Ready	When computer is idle		Never	
Optimize Start Men...	Ready	When computer is idle		6/18/2017 11:18:09 PM	The operation completed successfully. (0x0)
Optimize Start Men...	Ready	When computer is idle		6/16/2017 3:48:43 AM	The operation completed successfully. (0x0)
OUPI_DBBackups	Ready	At 12:20 AM every day	6/18/2017 12:20:00 AM	Never	

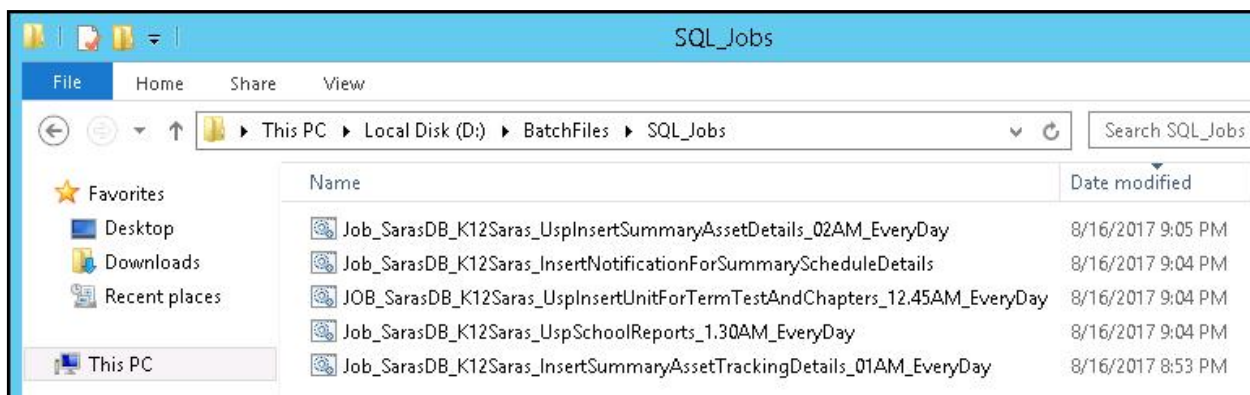
Run
 End
 Disable
 Export...
 Properties
 Delete

21. Right click on Job Name and Run the same to check the working status.

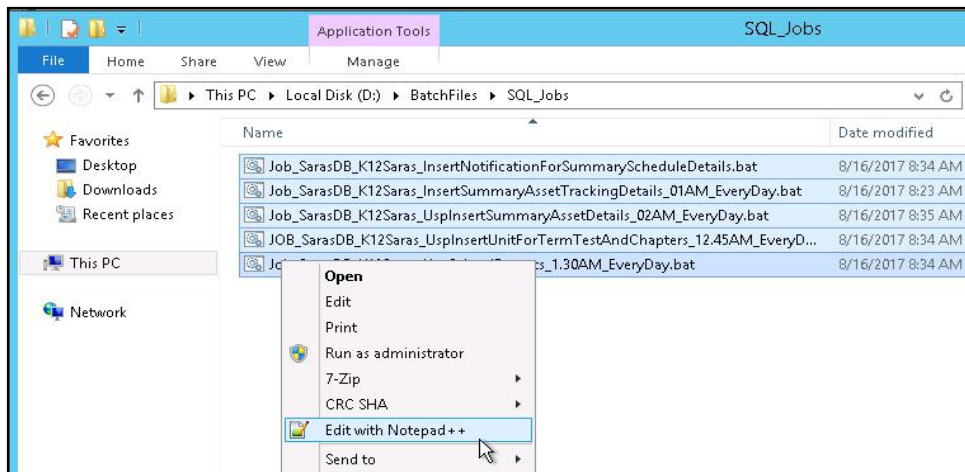


22. Check the DB Backup Location path to verify the Backups happening.

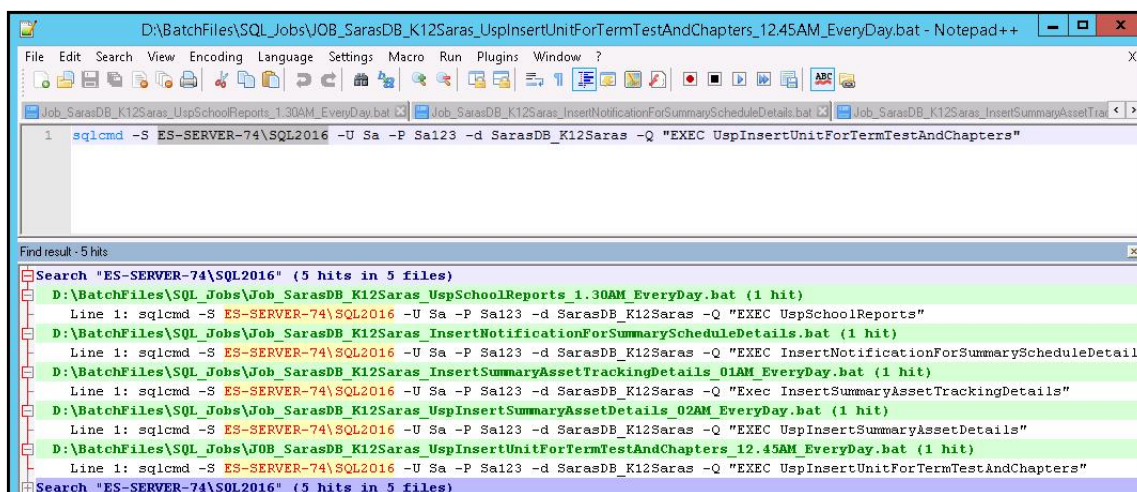
1.2 Scheduling SQL Jobs



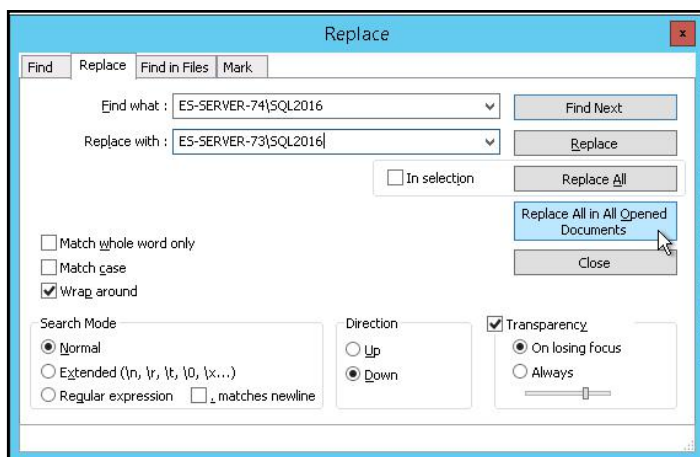
1. There are Five SQL Jobs needs to be scheduled, using the Batch Files.



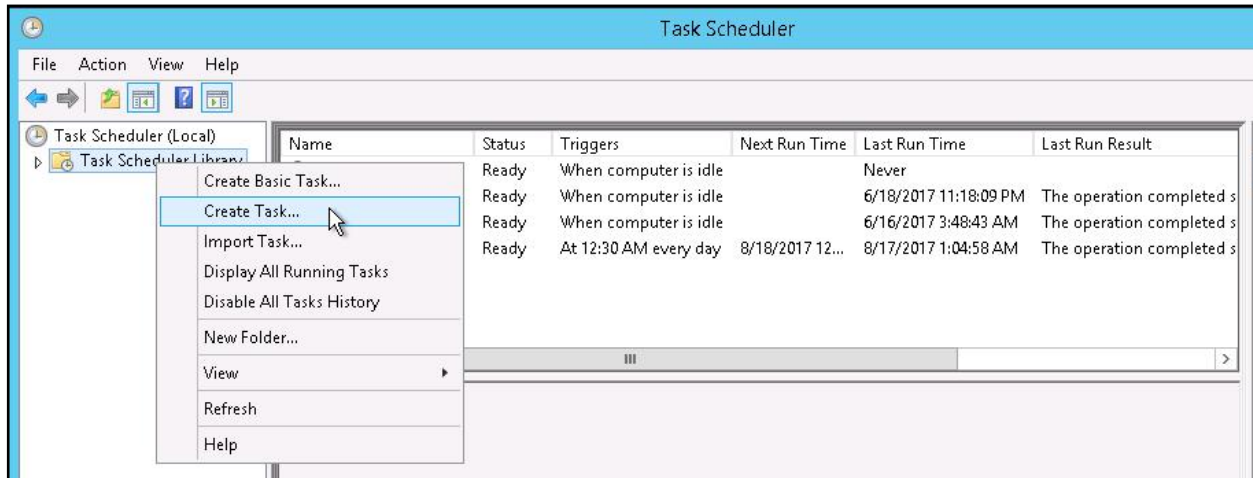
2. Select all the Files, right click and open all the **Batch files** with **Notepad++**.



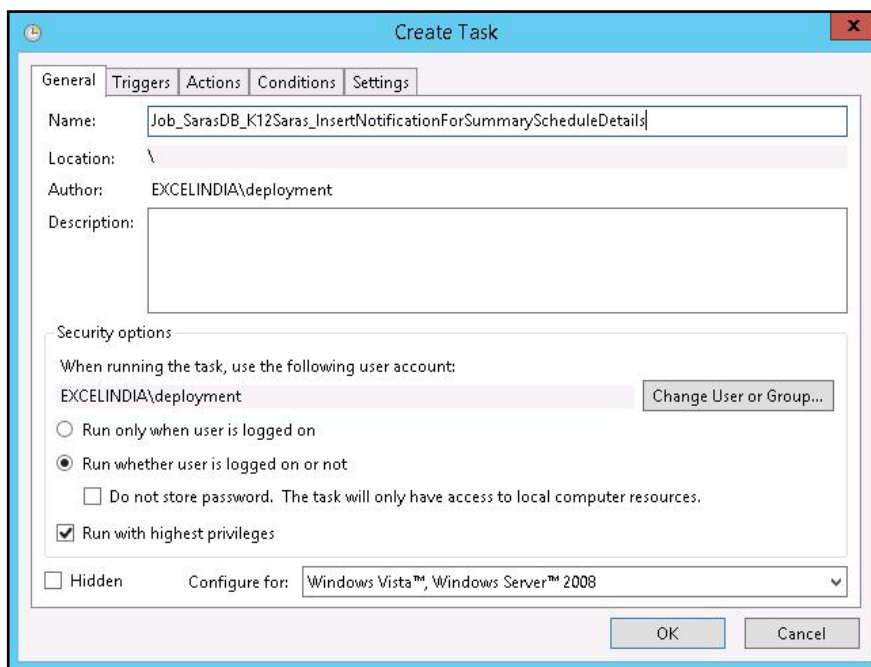
3. Do find the SQL server Instance name in all the Files and Replace with new Instance Name.



4. Replace New server name with old one.

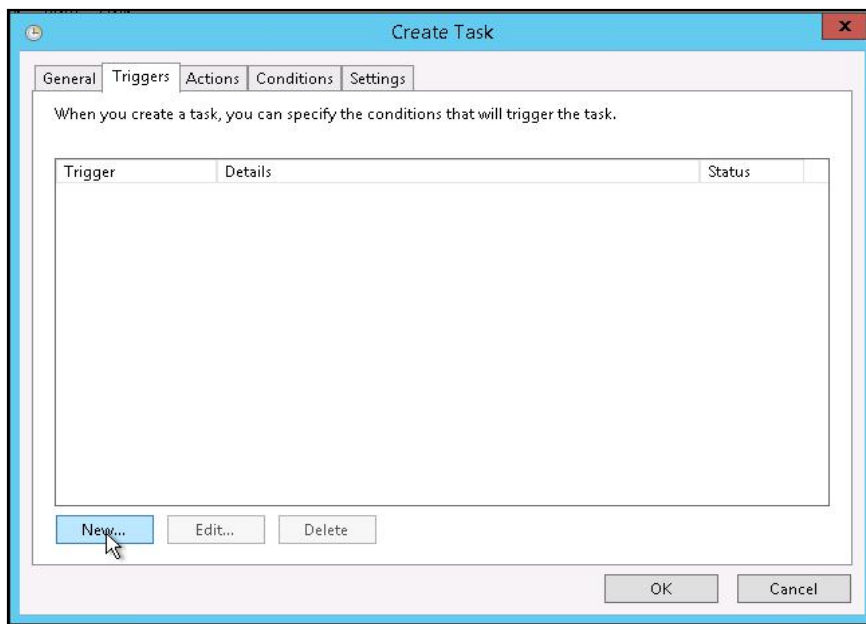


5. Open the Task scheduler Right Click on **Task Scheduler Library**, select **create Task**.

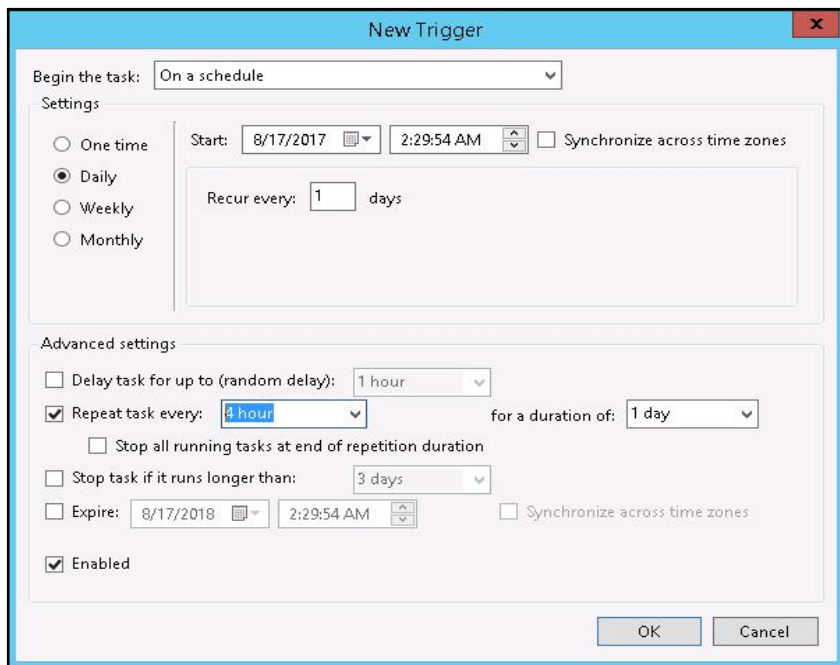


6. In **General** Tab, provide the Suitable Task Name for Scheduling DB Backup.

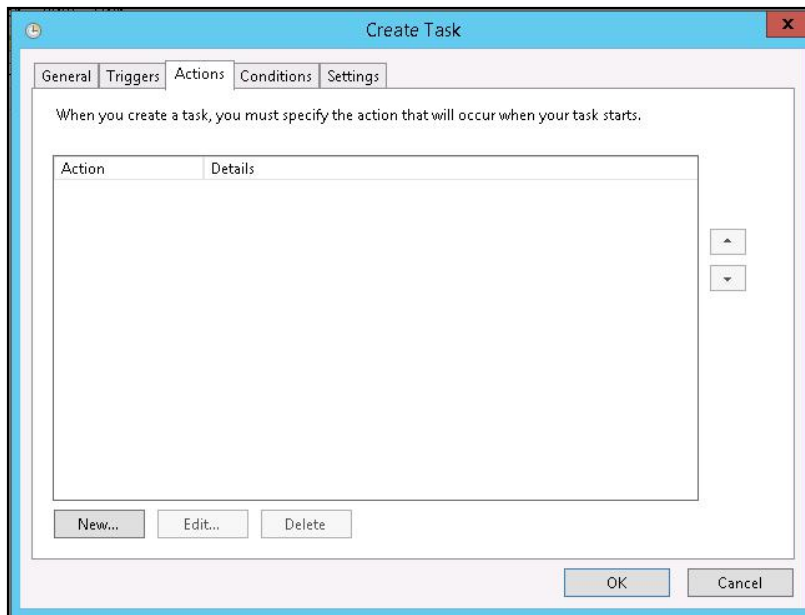
7. In **Security options**, select **Run whether user is logged on or not** and **Run with highest privileges**.



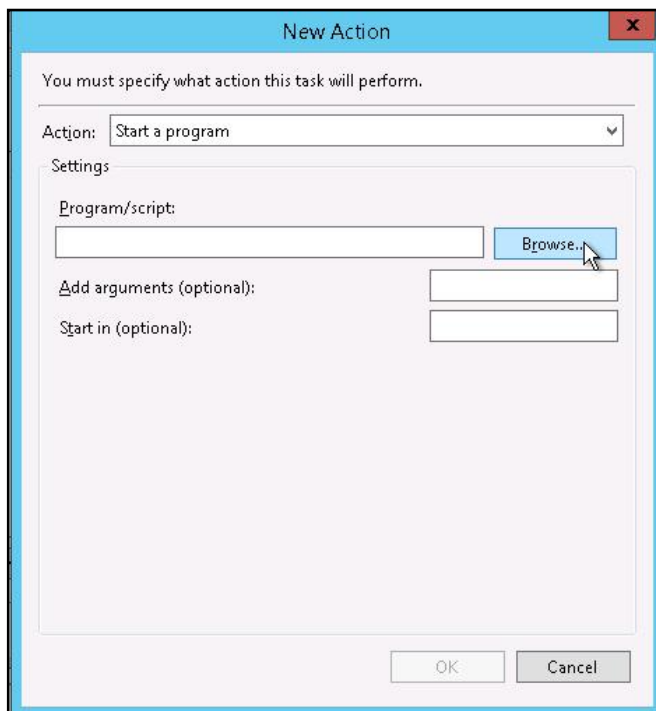
8. In Triggers Tab, click on New Tab.



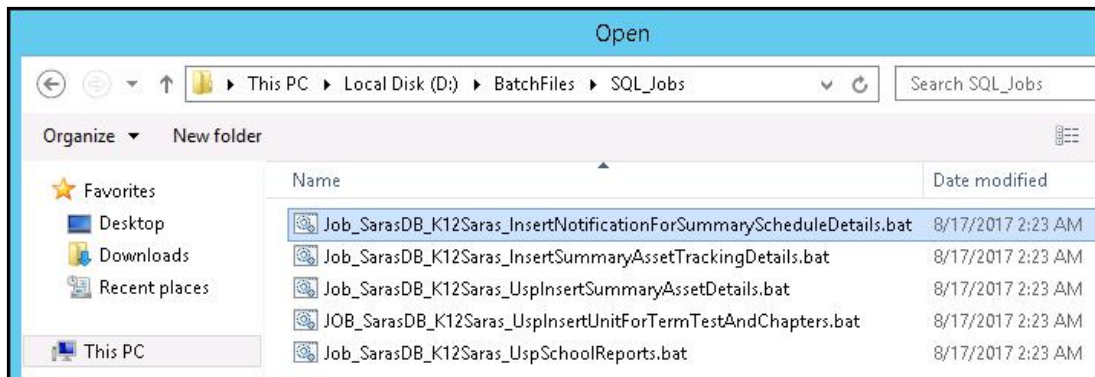
9. Select **Daily** frequency, in **Advanced settings** select Repeat Task for every **4hours** and Click **OK**.



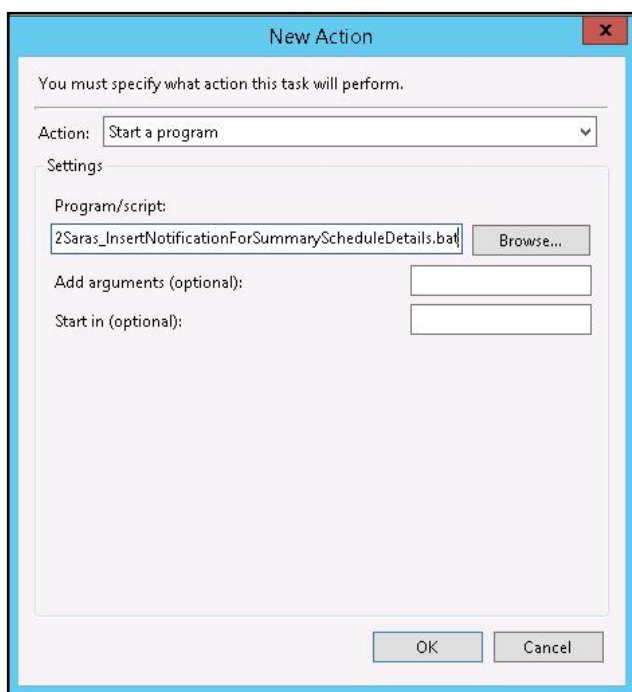
10. In Actions tab, click on New Button.



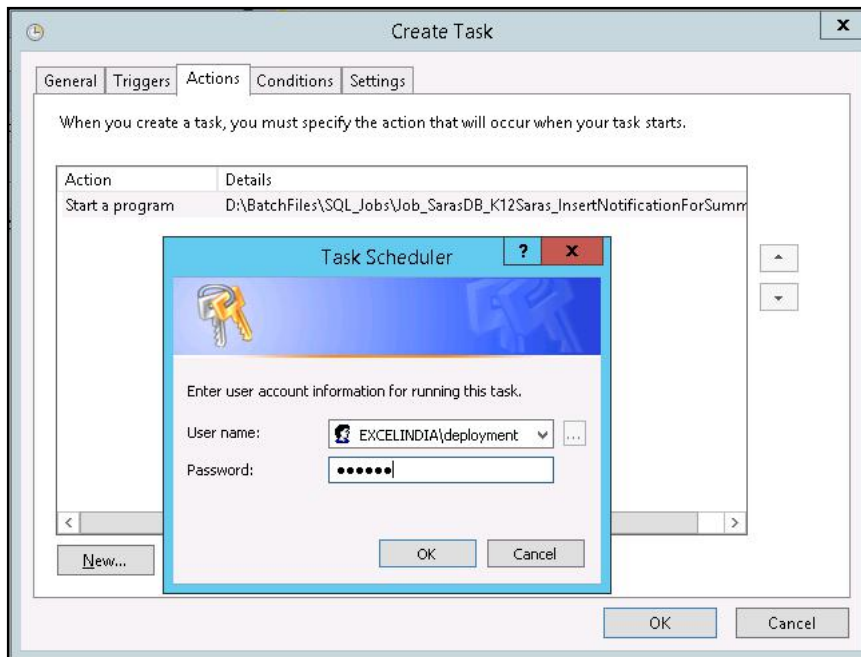
11. Click on Browse Button.



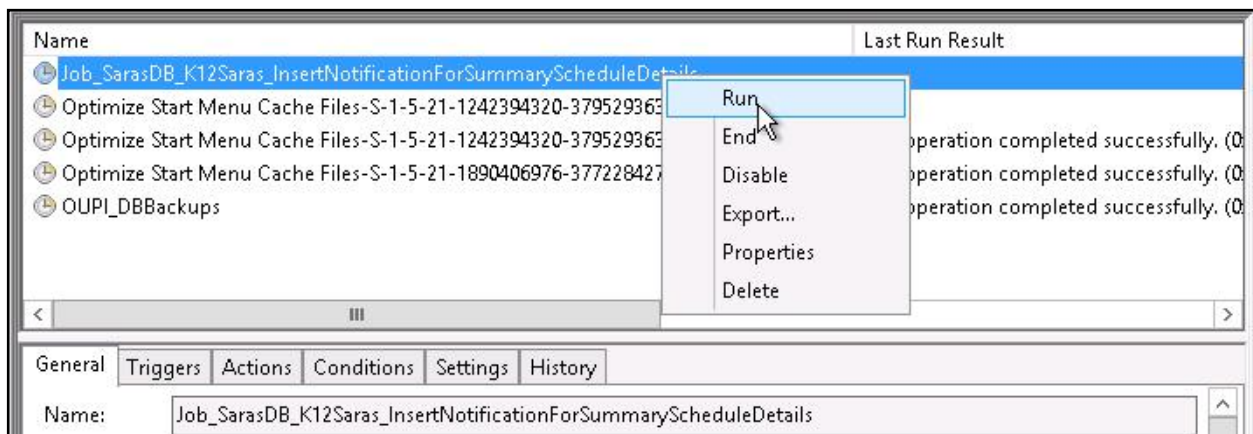
12. select the Batch File where it is located, then **Click OK**.



13. **Click OK**.



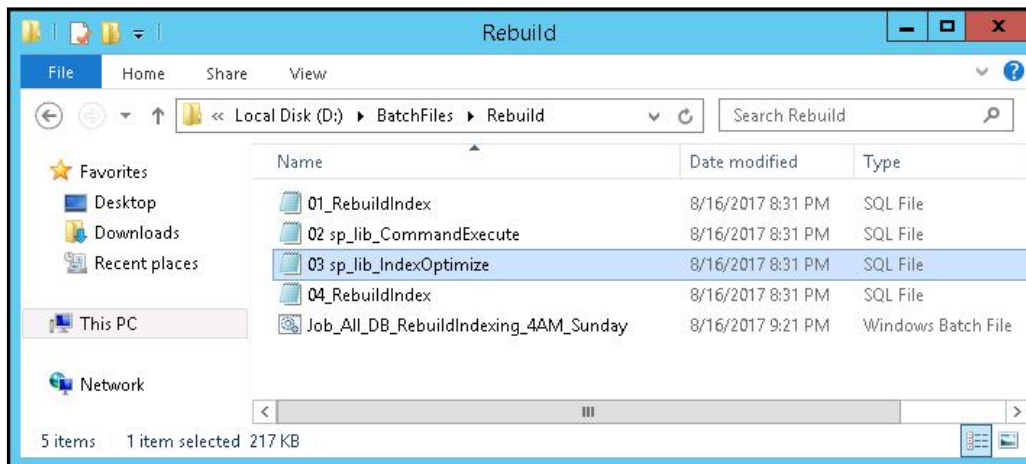
14. On Clicking OK Button again, credentials window will be opened. Provide the system **username** and **password** for the same.



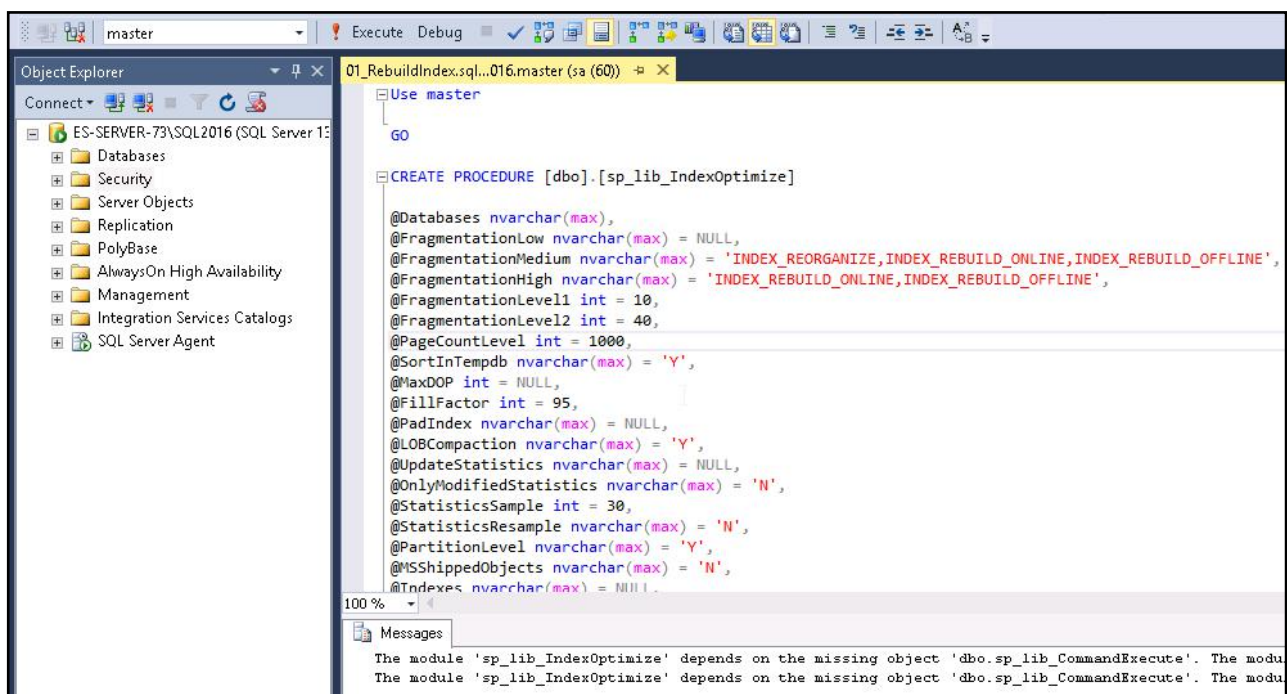
15. Right click on Job Name and **Run** the same to check the working status.

Note: Repeat the Steps(5 to 15) for remaining Batch files. **Last Run Result** in above screenshot shows the result of job Run Completes. The Result should be "Operation Completed Successfully. (0x0)" which indicates success.

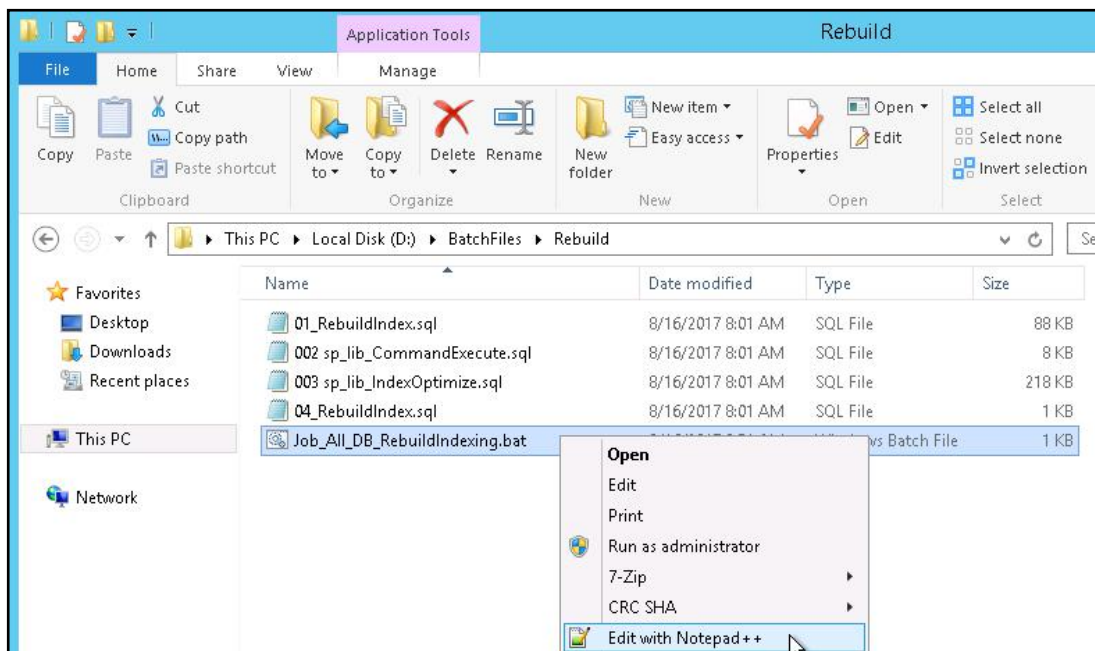
1.3 Scheduling Rebuild Indexing



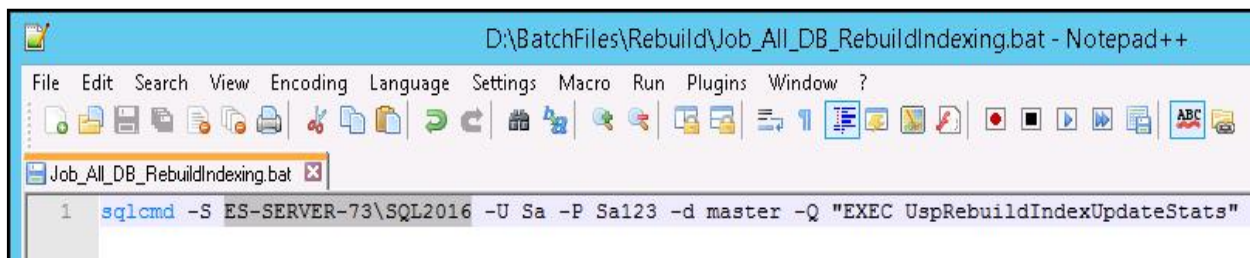
1. Above are the files Required to configure the Rebuild Indexing 4 sql files and 1 Batch File.



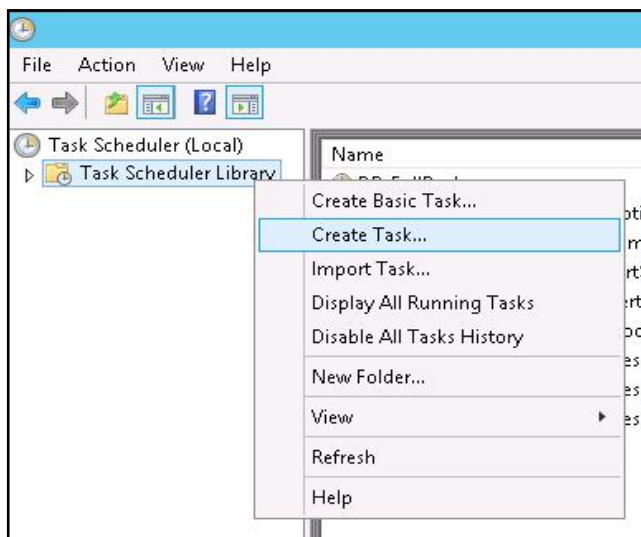
2. Copy the code available in 01,02,03 and 04 Files in SQL and execute one by one.



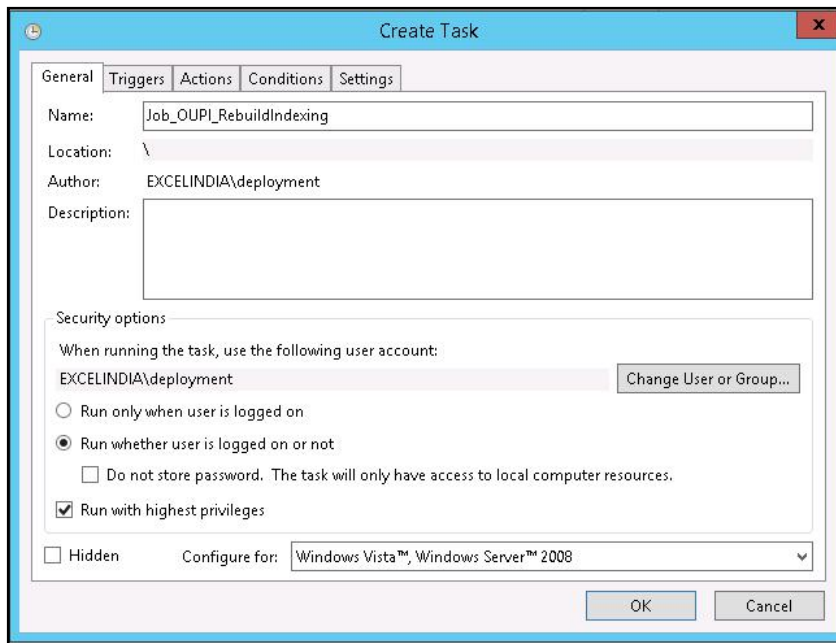
3. Edit the Batch File in Notepad or Notepad++.



4. Change or update the SQL Instance Name in Batch File and Save it.

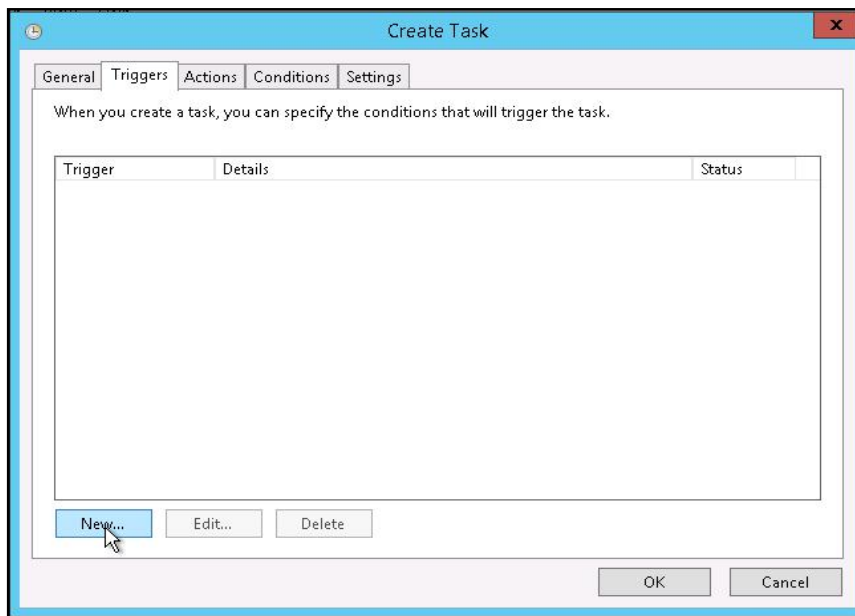


5. Open the Task scheduler Right Click on **Task Scheduler Library**, select **create Task**.

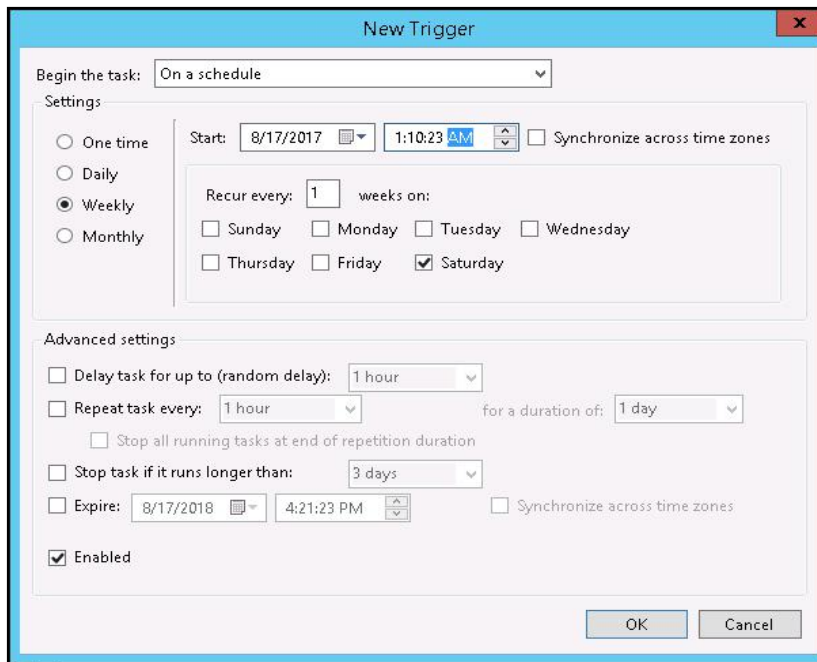


6. In **General** Tab, provide the Suitable Task Name for Scheduling DB Backup.

7. In **Security options**, select **Run whether user is logged on or not** and **Run with highest privileges**.



8. In Triggers Tab, click on **New** Tab.



New Trigger

Begin the task: On a schedule

Settings:

- ☐ One time
- ☐ Daily
- ☒ Weekly
- ☐ Monthly

Start: 8/17/2017 1:10:23 AM ☐ Synchronize across time zones

Recur every: 1 weeks on:

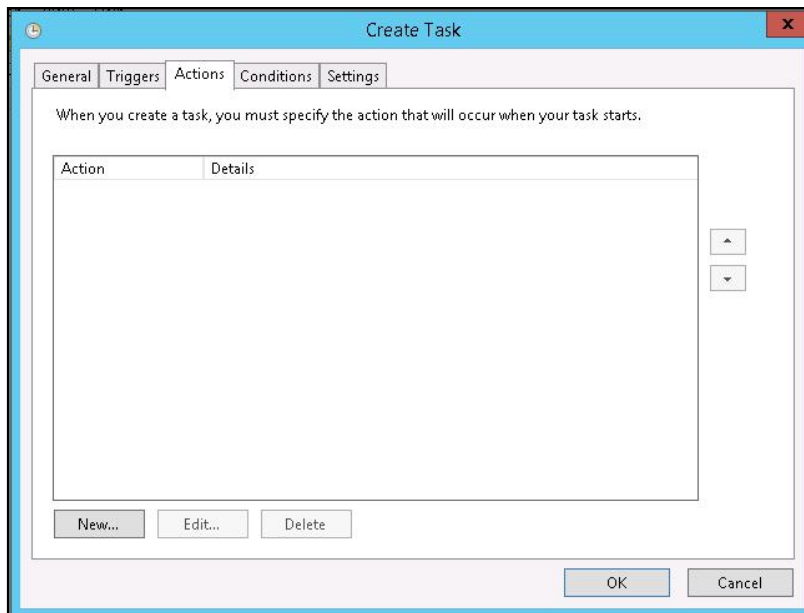
- ☐ Sunday
- ☐ Monday
- ☐ Tuesday
- ☐ Wednesday
- ☐ Thursday
- ☐ Friday
- ☒ Saturday

Advanced settings:

- ☐ Delay task for up to (random delay): 1 hour
- ☐ Repeat task every: 1 hour for a duration of: 1 day
- ☐ Stop all running tasks at end of repetition duration
- ☐ Stop task if it runs longer than: 3 days
- ☐ Expire: 8/17/2018 4:21:23 PM ☐ Synchronize across time zones
- ☒ Enabled

OK Cancel

9. Select **Weekly** frequency, in right pane select Saturday or Sunday and Time by **1.10 AM** (Suppose to Run in weekends)



Create Task

General Triggers Actions Conditions Settings

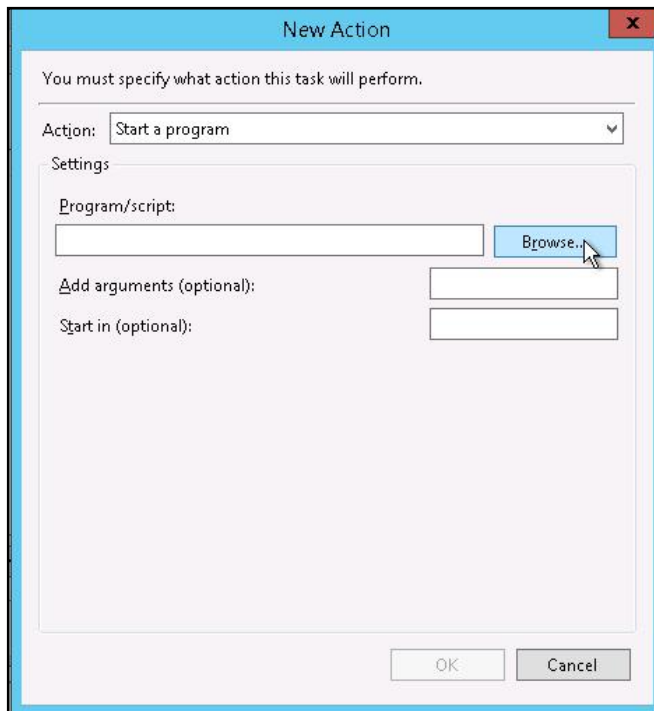
When you create a task, you must specify the action that will occur when your task starts.

Action	Details

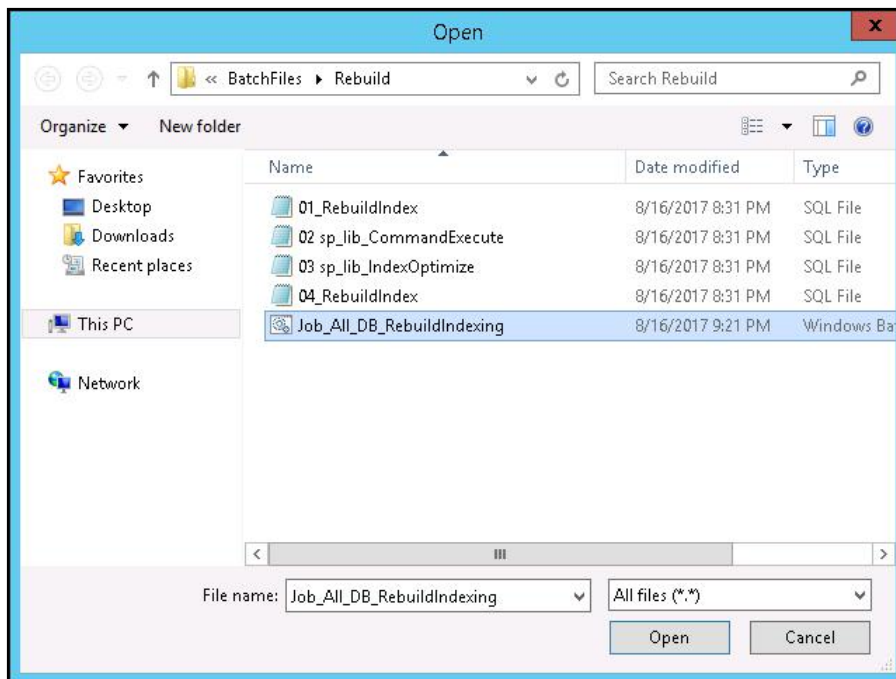
New... Edit... Delete

OK Cancel

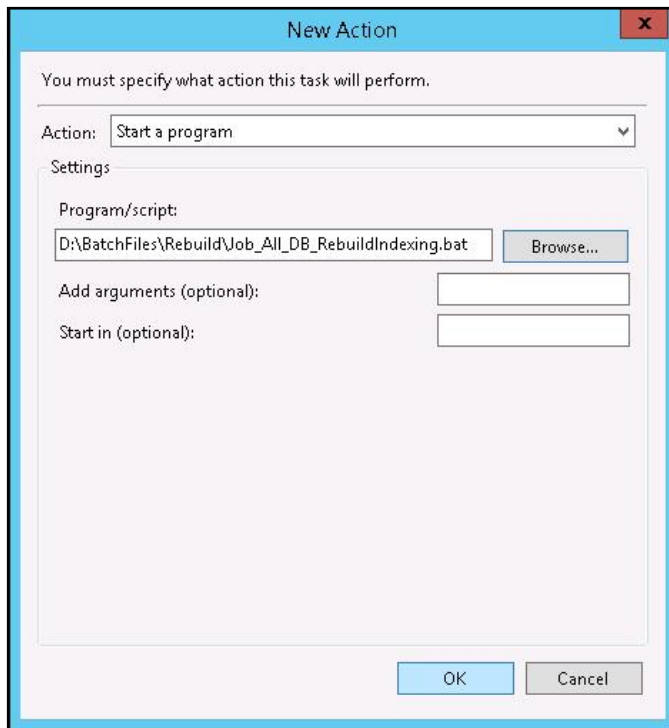
10. In Actions tab, click on **New** Button.



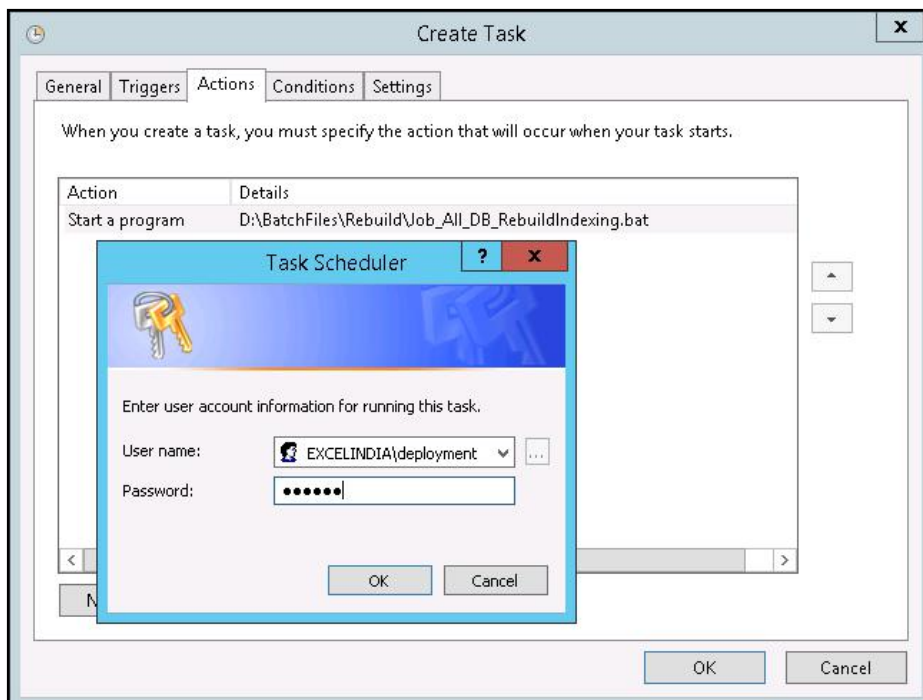
11. Click on **Browse** Button.



12. select the Batch File where it is located, then Click **OK**.



13. Click OK.



14. On Clicking **OK** Button again, credentials window will be opened. Provide the system **username** and **password** for the same.

Name	Status	Last Run Result
DB_FullBackup	Ready	The operation completed successfully. (0x0)
Job_OUPI_RebuildIndexing	Ready	The operation completed successfully. (0x0)
Job_SarasDB_K12Saras_InsertNotificationForS	Ready	The operation completed successfully. (0x0)
Job_SarasDB_K12Saras_InsertSummaryAssetT	Ready	The operation completed successfully. (0x0)
Job_SarasDB_K12Saras_UsplInsertSummaryAss	Ready	The operation completed successfully. (0x0)
JOB_SarasDB_K12Saras_UsplInsertUnitForTerm	Ready	The operation completed successfully. (0x0)
Job_SarasDB_K12Saras_UsplSchoolReports	Ready	The operation completed successfully. (0x0)
Optimize Start Menu Cache Files-S-1-5-21-12	Ready	The operation completed successfully. (0x0)
Optimize Start Menu Cache Files-S-1-5-21-12	Ready	The operation completed successfully. (0x0)
Optimize Start Menu Cache Files-S-1-5-21-360251242-2272732043-481697163-500	Ready	The operation completed successfully. (0x0)

15. Right click on Job Name and Run the same to check the working status.

Note: Last Run Result in above screenshot shows the result of job Run Completes. The Result should be “Operation Completed Successfully. (0x0)” which indicates success.