

Recorded Steps

This file contains all the steps and information that was recorded to help you describe the recorded steps to others.

Before sharing this file, you should verify the following:

- The steps below accurately describe the recording.
- There is no information below or on any screenshots that you do not want others to see.

Passwords or any other text you typed were not recorded, except for function and shortcut keys that you used.

You can do the following:

- [Review the recorded steps](#)
- [Review the recorded steps as a slide show](#)
- [Review the additional details](#)

Steps

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Step 1: (2017-05-13 12:14:59 AM) User left click on "PowerShell Tabs (tab)" in "Windows PowerShell ISE"

The screenshot displays the Microsoft SQL Server Enterprise Manager interface. The main window shows the 'All Executions' report for a SQL Server instance. The report includes a summary of execution statistics and a table of individual execution records.

Execution Summary:

- Failed: 2
- Running: 0
- Succeeded: 43
- Others: 0

Execution Information Table:

ID	Status	Report	Folder Name	Project Name	Package Name
60031	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60030	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60029	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60028	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60027	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60026	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60025	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60024	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx

The Windows PowerShell ISE window on the right contains the following script:

```

1 Clear-Host
2 $ServiceName = 'MsDtsServer130'
3 while ($true)
4 {
5     Start-Sleep -Milliseconds 500
6     $arrService = Get-Service -Name $ServiceName
7     $arrService.status
8 }
9
10
11
  
```

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Step 2: (2017-05-13 12:15:00 AM) User left click on "enabledImage (image)" in "Windows PowerShell ISE"

The screenshot displays the Microsoft SQL Server Management Studio (SSMS) interface. The main window shows the 'All Executions' report for a SQL Server instance. The report includes a summary table and a detailed table of execution records.

Summary Table:

Failed	Running	Succeeded	Others
2	0	43	0

Execution Information Table:

ID	Status	Report	Folder Name	Project Name	Package Name
60031	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60030	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60029	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60028	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60027	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60026	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60025	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60024	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx

The Windows PowerShell ISE window on the right contains the following script:

```

1 Clear-Host
2 $ServiceName = 'MsDtsServer130'
3
4 while ($true)
5 {
6     Start-Sleep -Milliseconds 500
7     $arrService = Get-Service -Name $ServiceName
8     $arrService.status
9 }
10
11
  
```

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Step 3: (2017-05-13 12:15:02 AM) User right click in "All Executions - 2017-05-13 12:14 AM - MT-LPT-0334/SQL2016 - Microsoft SQL Server Management Studio"

The screenshot displays the Microsoft SQL Server Management Studio (SSMS) interface. The main window shows the 'All Executions' report for the 'MASTER_PACKAGE.dtsx' package. The report indicates that 43 packages succeeded, 2 failed, 0 are running, and 0 are in other states. The table below provides a detailed view of the execution results.

ID	Status	Report	Folder Name	Project Name	Package Name
60031	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60030	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60029	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60028	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60027	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60026	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60025	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60024	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx

In the background, a Windows PowerShell ISE window is open, showing a script named 'MonitorSSISService.ps1'. The script includes a 'Clear-Host' command, sets '\$ServiceName = 'MsDtsServer130'', and enters a 'while (\$true)' loop. Inside the loop, it executes 'Start-Sleep -Milliseconds 500', '\$arrService = Get-Service -Name \$ServiceName', and '\$arrService.status'. The output pane shows the word 'Stopped' repeated multiple times.

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Step 4: (2017-05-13 12:15:04 AM) User left click on "Execute..." (menu item)"

The screenshot displays the Microsoft SQL Server Management Studio (SSMS) interface. The main window shows the 'All Executions' report for the 'MASTER_PACKAGE.dtsx' package. The report summary indicates 2 failed, 0 running, 43 succeeded, and 0 other executions. A table below lists individual execution records with columns for ID, Status, Report, Folder Name, Project Name, and Package Name. A context menu is open over the 'MASTER_PACKAGE.dtsx' package in the Object Explorer, with the 'Execute...' option highlighted. To the right, a Windows PowerShell ISE window shows a script for monitoring the SSIS service status.

Execution Information Summary:

Failed	Running	Succeeded	Others
2	0	43	0

Execution Information Table:

ID	Status	Report	Folder Name	Project Name	Package Name
60031	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SSI_DEM O	MASTER_PACKAGE.dtsx
60030	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SSI_DEM O	MASTER_PACKAGE.dtsx
60029	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SSI_DEM O	MASTER_PACKAGE.dtsx
60028	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SSI_DEM O	MASTER_PACKAGE.dtsx
60027	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SSI_DEM O	MASTER_PACKAGE.dtsx
60026	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SSI_DEM O	MASTER_PACKAGE.dtsx
60025	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SSI_DEM O	MASTER_PACKAGE.dtsx
60024	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SSI_DEM O	MASTER_PACKAGE.dtsx

PowerShell Script:

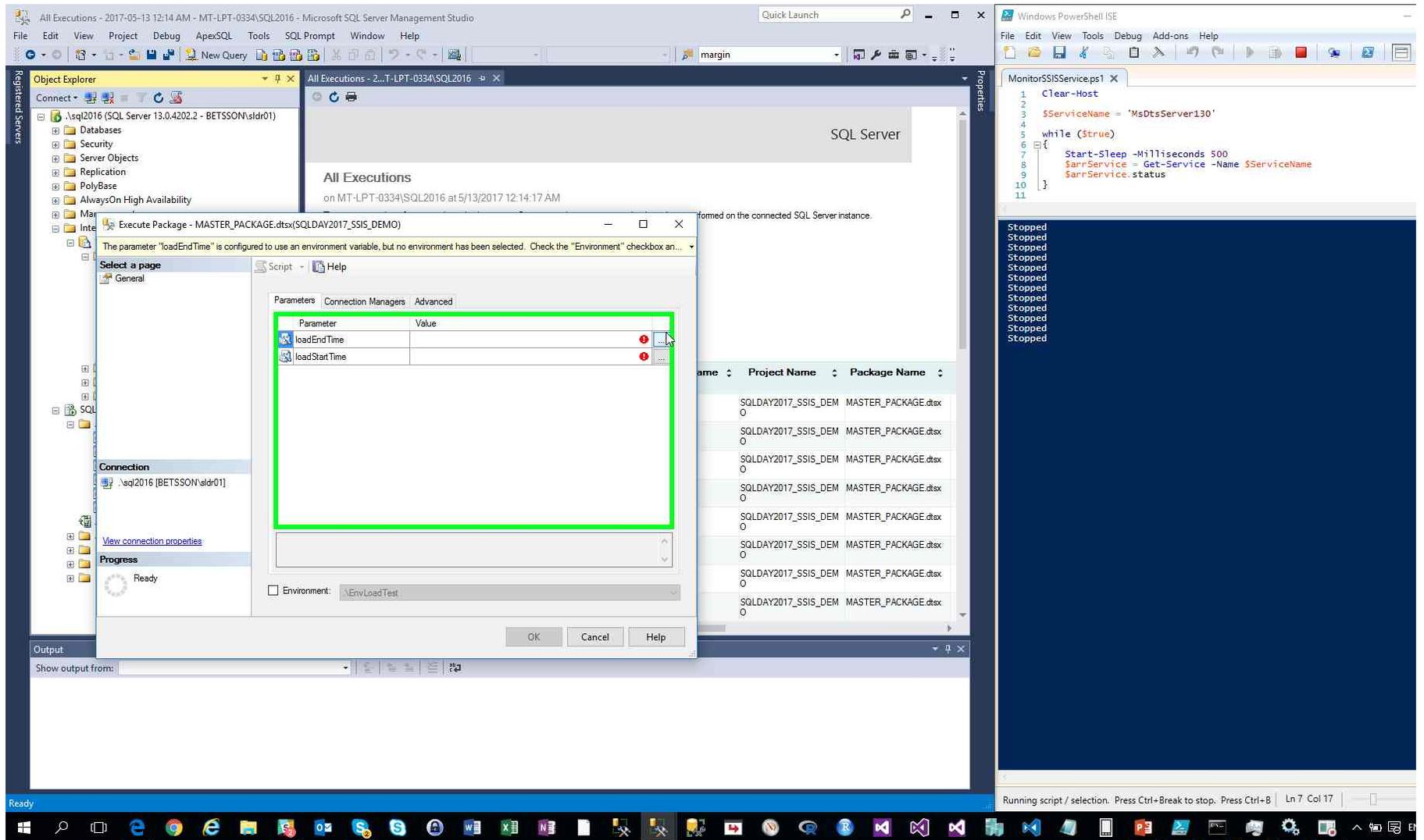
```

1 Clear-Host
2 $ServiceName = 'MsDtsServer130'
3
4 while ($true)
5 {
6     Start-Sleep -Milliseconds 500
7     $arrService = Get-Service -Name $ServiceName
8     $arrService.status
9 }
10
11

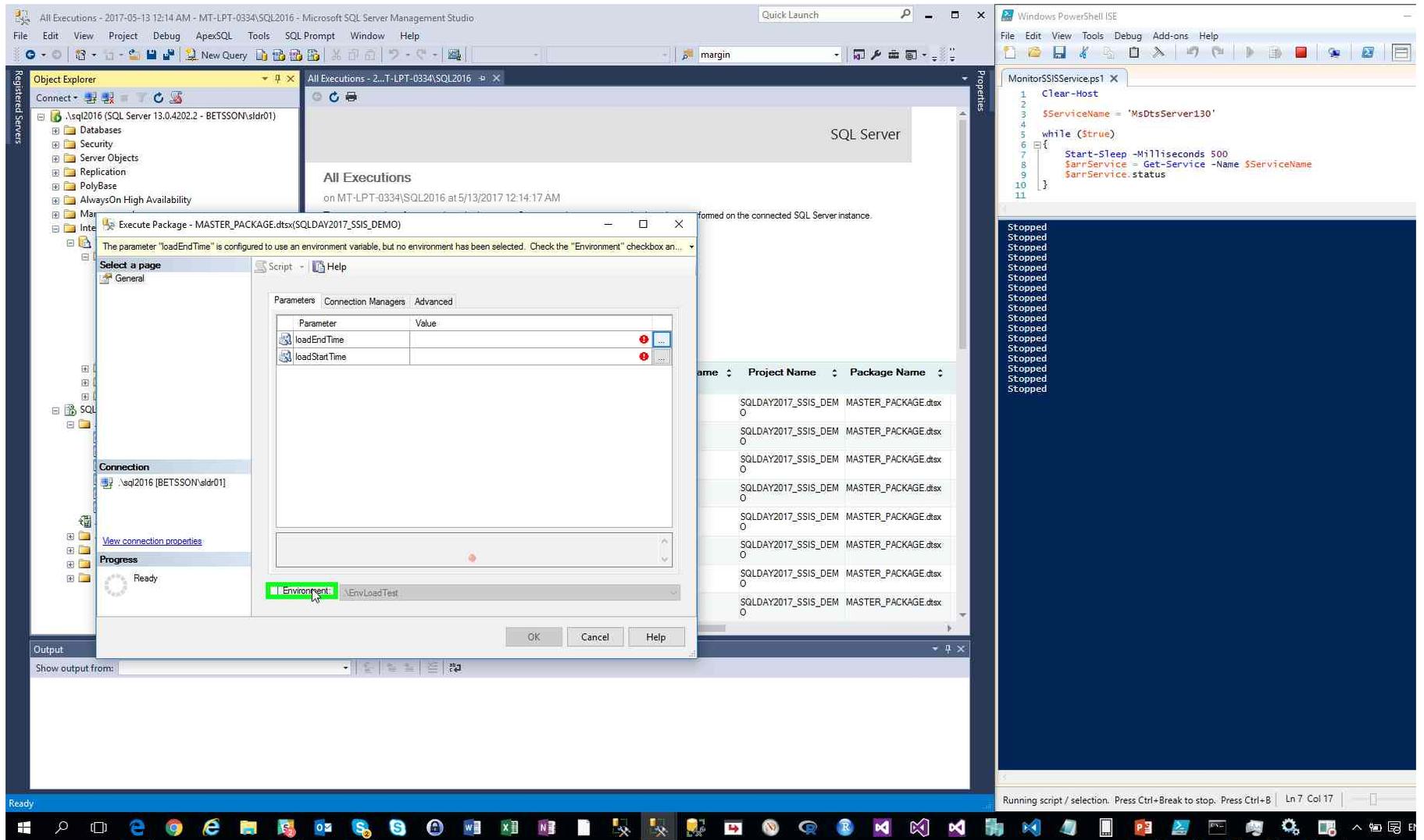
```

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Step 5: (2017-05-13 12:15:06 AM) User left click in "Execute Package - MASTER_PACKAGE.dtsx(SQLDAY2017_SSI_DEMO)"

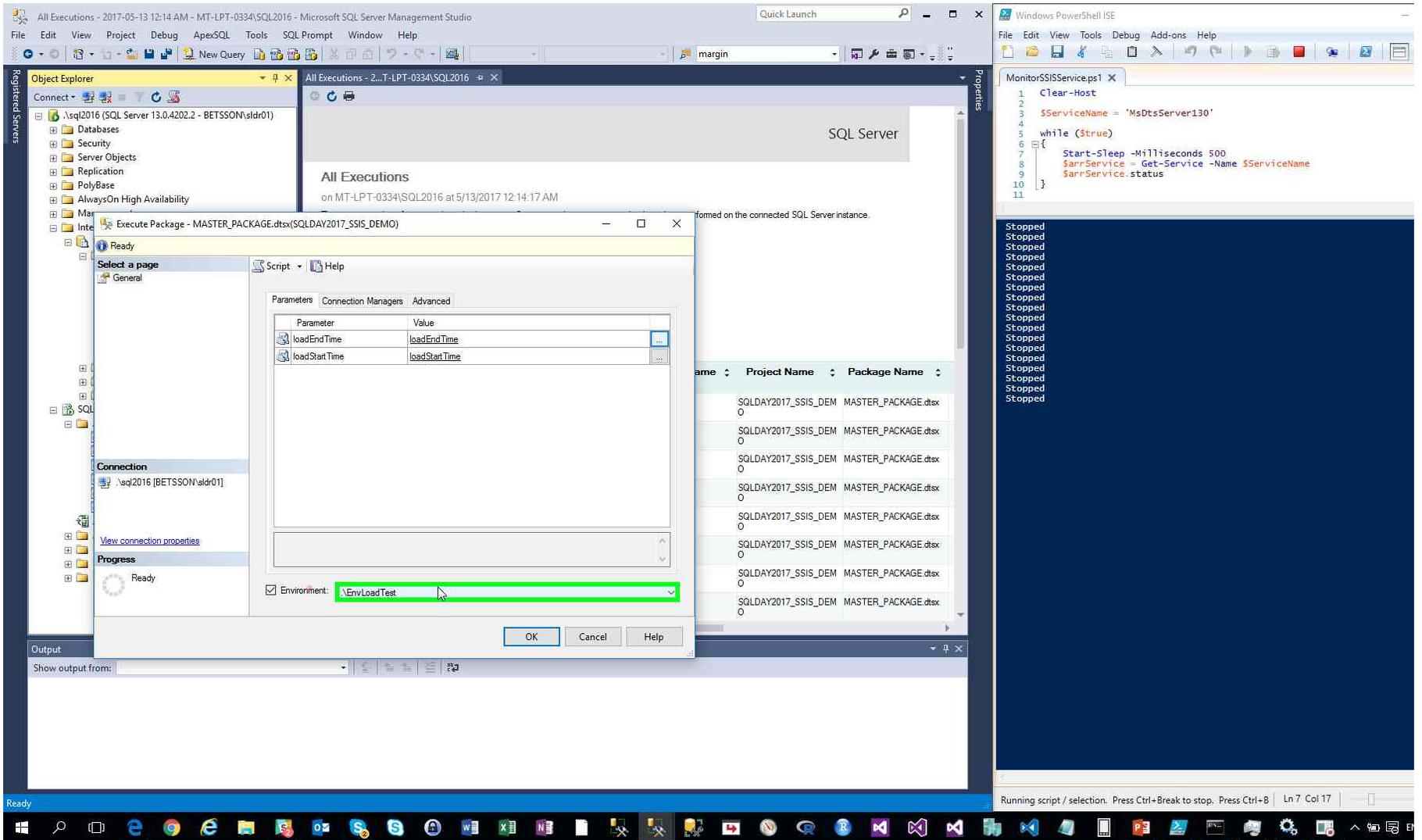


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Step 6: (2017-05-13 12:15:08 AM) User left click on "Cancel (button)" in "Edit Literal Value for Execution"



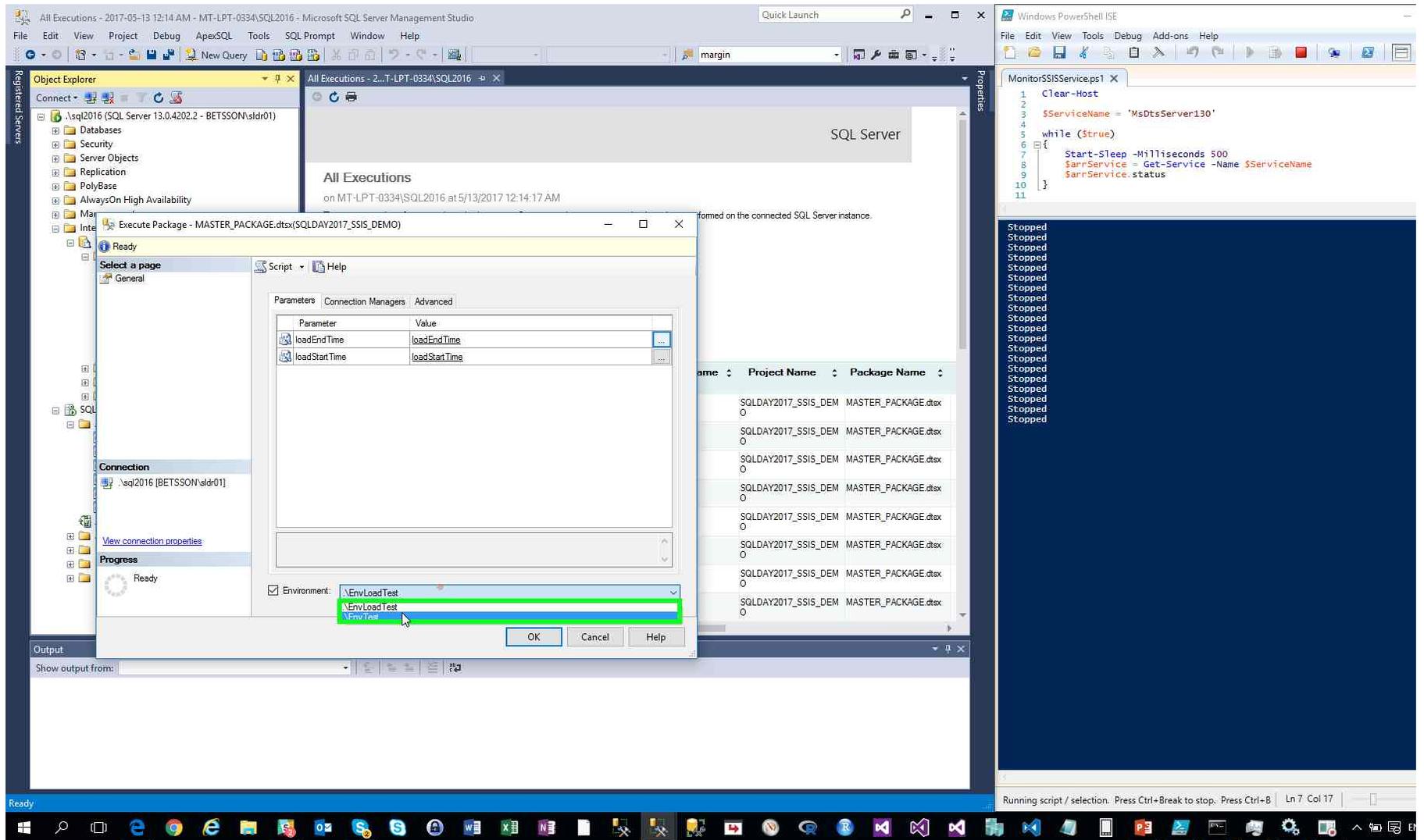
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Step 8: (2017-05-13 12:15:09 AM) User left click on "Execute Package - MASTER_PACKAGE.dtsx(SQLDAY2017_SSI5_DEMO) (window)" in "Execute Package - MASTER_PACKAGE.dtsx(SQLDAY2017_SSI5_DEMO)"

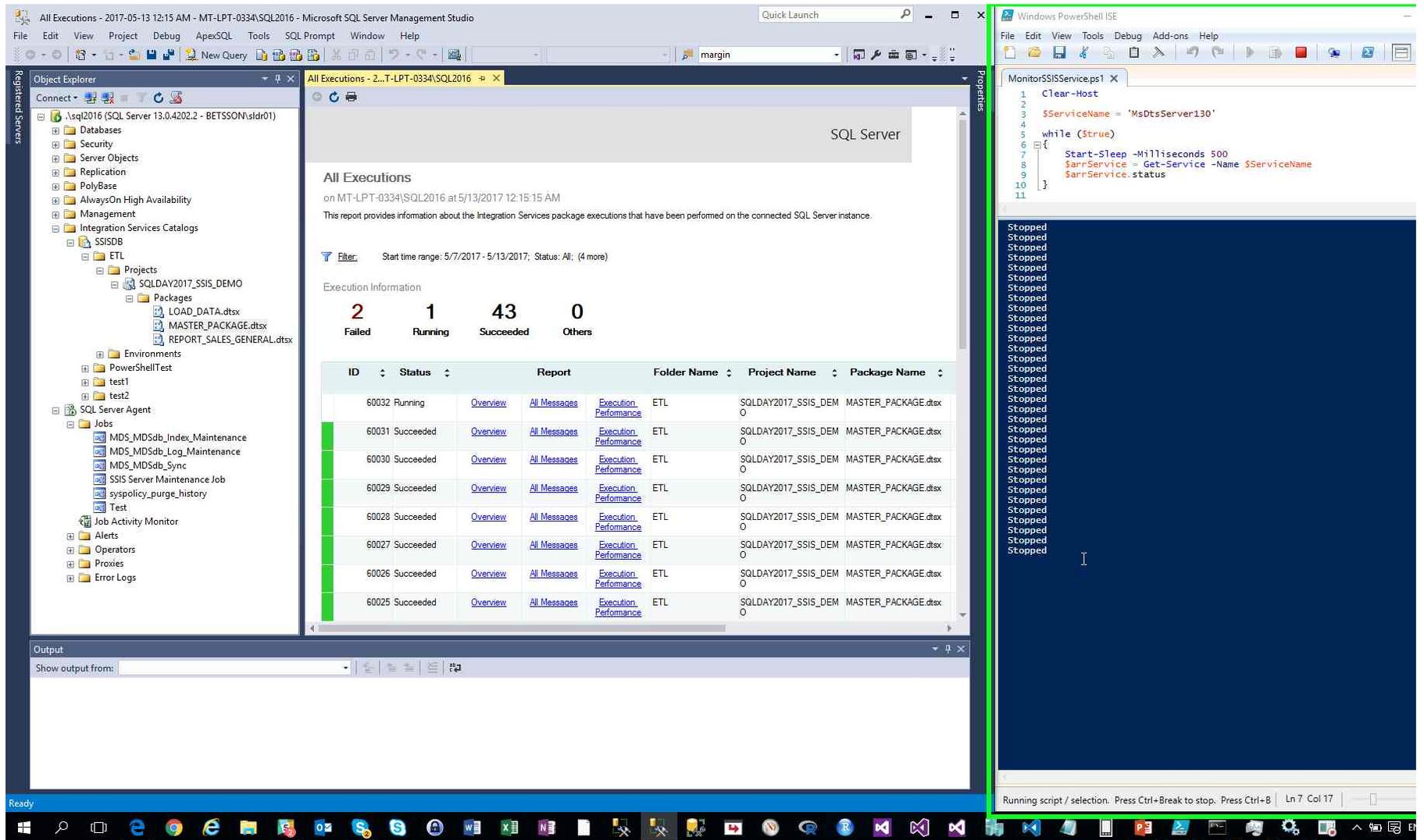


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Step 9: (2017-05-13 12:15:10 AM) User left click on ".\EnvTest (list item)"



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Step 10: (2017-05-13 12:15:11 AM) User left click on "OK (button)" in "Execute Package - MASTER_PACKAGE.dtsx(SQLDAY2017_SSI_DEMO)"



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Step 14: (2017-05-13 12:15:18 AM) User mouse drag end on "Windows PowerShell ISE Main Window (window)" in "Windows PowerShell ISE"

The screenshot displays the Microsoft SQL Server Management Studio (SSMS) interface. The main window shows the 'All Executions' report for a SQL Server instance. The report includes a summary of execution statistics and a table of individual execution records.

Execution Summary:

- Failed: 2
- Running: 1
- Succeeded: 43
- Others: 0

Execution Information Table:

ID	Status	Report	Folder Name	Project Name	Package Name
60032	Running	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60031	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60030	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60029	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60028	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60027	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60026	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60025	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx

On the right side, a Windows PowerShell ISE window is open, running a script named 'MonitorSSISService.ps1'. The script code is as follows:

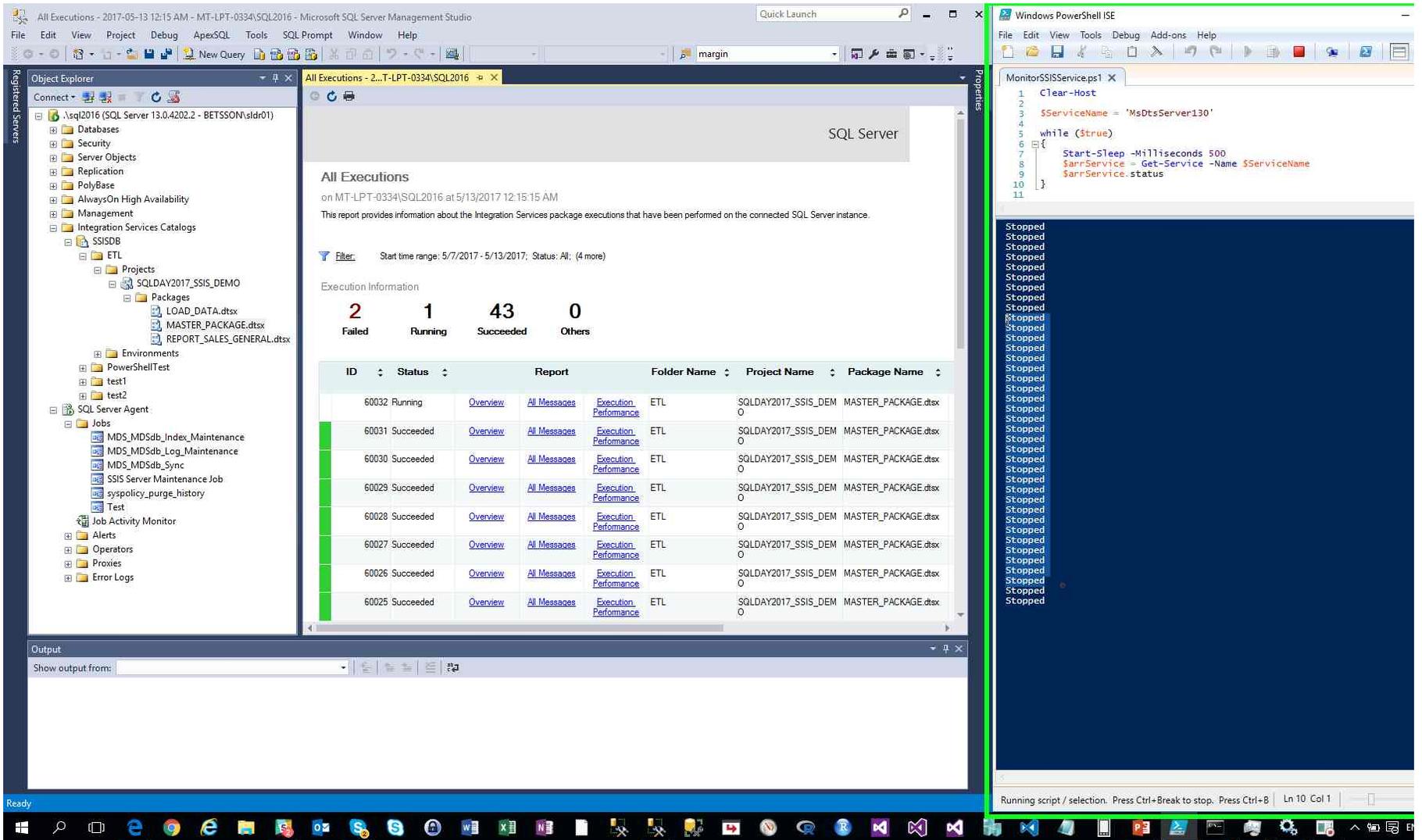
```

1 Clear-Host
2
3 $ServiceName = 'MsDtsServer130'
4
5 while ($true)
6 {
7     Start-Sleep -Milliseconds 500
8     $arrService = Get-Service -Name $ServiceName
9     $arrService.status
10 }
11
  
```

The PowerShell console output shows a continuous stream of 'Stopped' messages, indicating that the service status is being monitored and reported as stopped repeatedly.

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Step 16: (2017-05-13 12:15:19 AM) User mouse drag end on "PowerShell Tabs (tab)" in "Windows PowerShell ISE"



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Step 17: (2017-05-13 12:15:21 AM) User left click on "PowerShell Tabs (tab)" in "Windows PowerShell ISE"

The screenshot displays the Microsoft SQL Server Management Studio (SSMS) interface. The main window shows the 'All Executions' report for the SQL Server instance. The report includes a summary of execution statistics and a table of individual execution records.

Execution Summary:

- Failed: 2
- Running: 1
- Succeeded: 43
- Others: 0

Execution Information Table:

ID	Status	Report	Folder Name	Project Name	Package Name
60032	Running	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60031	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60030	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60029	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60028	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60027	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60026	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60025	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx

On the right side, a Windows PowerShell ISE window is open, running a script named 'MonitorSSISService.ps1'. The script code is as follows:

```

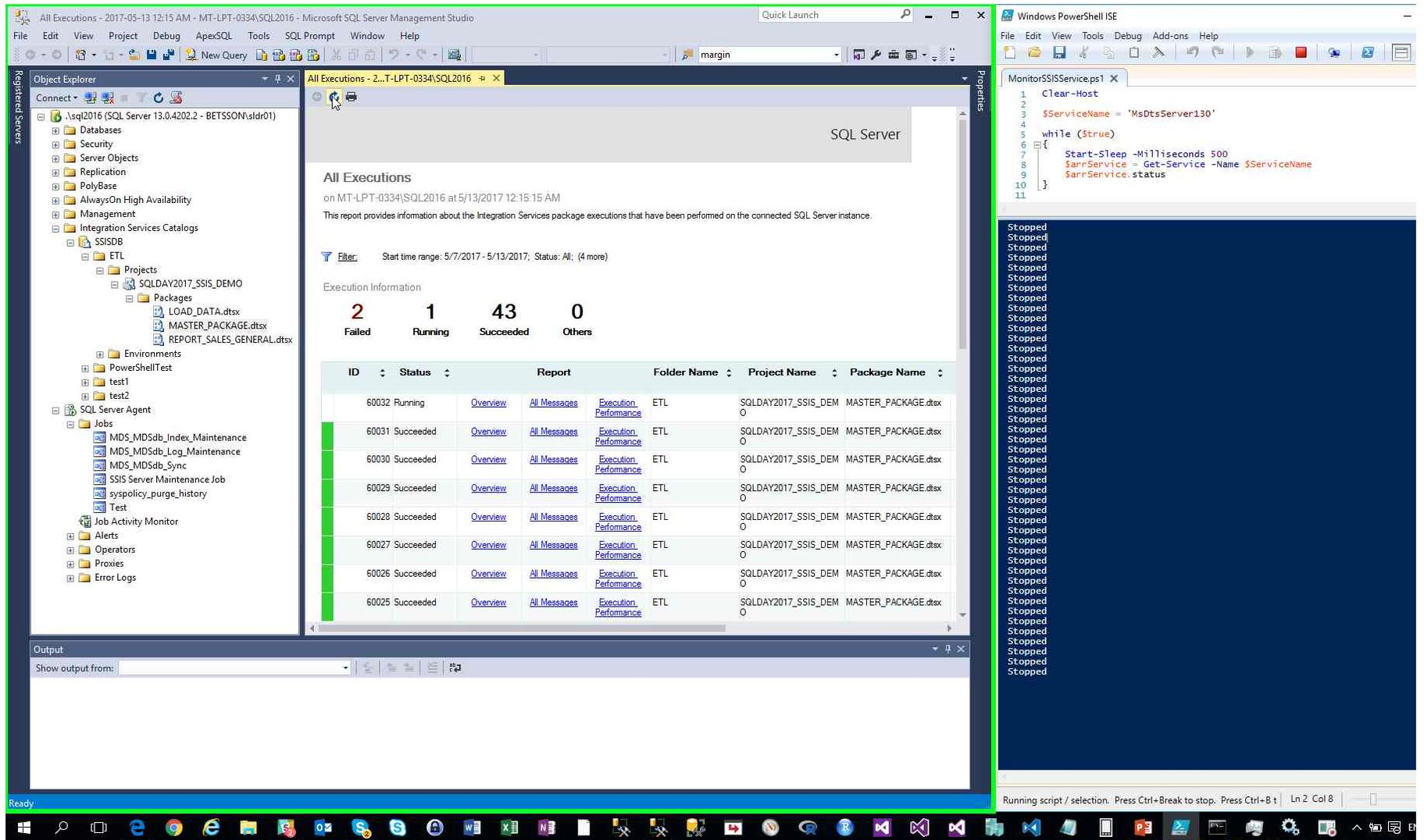
1 Clear-Host
2
3 $ServiceName = 'MsDtsServer130'
4
5 while ($true)
6 {
7     Start-Sleep -Milliseconds 500
8     $arrService = Get-Service -Name $ServiceName
9     $arrService.status
10 }
11

```

The PowerShell console output shows a continuous stream of 'Stopped' messages, indicating that the service status is being monitored and reported as stopped repeatedly.

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Step 18: (2017-05-13 12:15:23 AM) User left click on "Refresh (button)" in "All Executions - 2017-05-13 12:15 AM - MT-LPT-0334/SQL2016 - Microsoft SQL Server Management Studio"



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Step 19: (2017-05-13 12:15:28 AM) User left click on "Refresh (button)" in "All Executions - 2017-05-13 12:15 AM - MT-LPT-0334/SQL2016 - Microsoft SQL Server Management Studio"

The screenshot displays the Microsoft SQL Server Management Studio (SSMS) interface. The main window shows the 'All Executions' report for the 'SQL Server' instance. The report provides information about Integration Services package executions performed on the connected SQL Server instance. The execution information summary shows 2 Failed, 1 Running, 43 Succeeded, and 0 Others. Below this, a table lists individual execution details.

ID	Status	Report	Folder Name	Project Name	Package Name
60032	Running	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60031	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60030	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60029	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60028	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60027	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60026	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60025	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx

On the right side, a Windows PowerShell ISE window is open, showing a script named 'MonitorSSISService.ps1'. The script includes a 'Clear-Host' command, sets '\$ServiceName = 'MsDtsServer130'', and enters a 'while (\$true)' loop. Inside the loop, it executes 'Start-Sleep -Milliseconds 500', '\$arrService = Get-Service -Name \$ServiceName', and '\$arrService.status'. The console output shows a continuous stream of 'Stopped' messages.

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Step 20: (2017-05-13 12:15:29 AM) User left click on "Refresh (button)" in "All Executions - 2017-05-13 12:15 AM - MT-LPT-0334/SQL2016 - Microsoft SQL Server Management Studio"

The screenshot displays the Microsoft SQL Server Management Studio (SSMS) interface. The main window shows the 'All Executions' report for the 'SQL Server' instance. The report provides information about Integration Services package executions performed on the connected SQL Server instance. The execution information summary shows 2 Failed, 0 Running, 44 Succeeded, and 0 Others. Below this is a table of execution details.

ID	Status	Report	Folder Name	Project Name	Package Name
60032	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60031	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60030	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60029	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60028	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60027	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60026	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60025	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx

On the right side, a Windows PowerShell ISE window is open, showing a script named 'MonitorSSISService.ps1'. The script is designed to monitor the status of a specific SSIS service. The script content is as follows:

```

1 Clear-Host
2
3 $ServiceName = 'MsDtsServer130'
4
5 while ($true)
6 {
7     Start-Sleep -Milliseconds 500
8     $arrService = Get-Service -Name $ServiceName
9     $arrService.status
10 }
11
  
```

The PowerShell console output shows a continuous stream of 'Stopped' messages, indicating that the service is not running. The status bar at the bottom of the PowerShell window shows 'Running script / selection. Press Ctrl+Break to stop. Press Ctrl+B t Ln 2 Col 8'.

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Step 22: (2017-05-13 12:15:34 AM) User right click on "Test (tree item)" in "All Executions - 2017-05-13 12:15 AM - MT-LPT-0334/SQL2016 - Microsoft SQL Server Management Studio"

The screenshot displays the Microsoft SQL Server Enterprise Manager interface. The left pane shows the Object Explorer with the following tree structure:

- Registered Servers
 - SQL2016 (SQL Server 13.0.4202.2 - BETSSOM:slidr01)
 - Databases
 - Security
 - Server Objects
 - Replication
 - PolyBase
 - AlwaysOn High Availability
 - Management
 - Integration Services Catalogs
 - SSISDB
 - ETL
 - Projects
 - SQLDAY2017_SIS_DEMO
 - Packages
 - LOAD_DATA.dtsx
 - MASTER_PACKAGE.dtsx
 - REPORT_SALES_GENERAL.dtsx
 - Environments
 - PowerShellTest
 - test1
 - test2
 - SQL Server Agent
 - Jobs
 - MDS_MDSdb_Index_Maintenance
 - MDS_MDSdb_Log_Maintenance
 - MDS_MDSdb_Sync
 - SSIS Server Maintenance Job
 - syspolicy_purge_history
 - Text
 - Job Activity Monitor
 - Alerts
 - Operators
 - Proxies
 - Error Logs

The main pane shows the 'All Executions' report for the 'MASTER_PACKAGE.dtsx' package. The report indicates that 2 executions failed, 0 are running, 44 succeeded, and 0 are others. The table below lists the execution details:

ID	Status	Report	Folder Name	Project Name	Package Name
60032	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEMO	MASTER_PACKAGE.dtsx
60031	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEMO	MASTER_PACKAGE.dtsx
60030	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEMO	MASTER_PACKAGE.dtsx
60029	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEMO	MASTER_PACKAGE.dtsx
60028	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEMO	MASTER_PACKAGE.dtsx
60027	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEMO	MASTER_PACKAGE.dtsx
60026	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEMO	MASTER_PACKAGE.dtsx
60025	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEMO	MASTER_PACKAGE.dtsx

The background shows a Windows PowerShell ISE window with the following script:

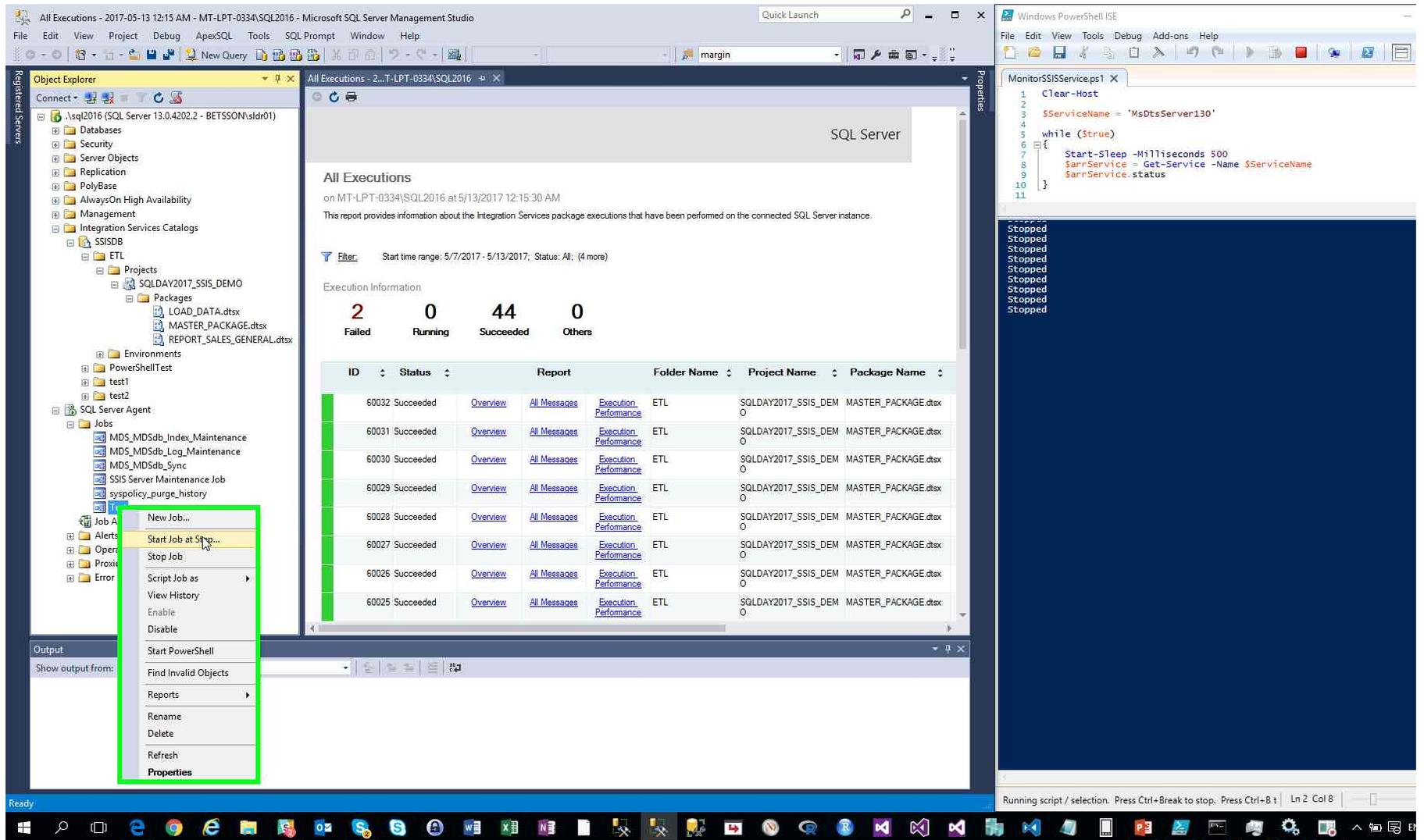
```

1 Clear-Host
2
3 $ServiceName = 'MsDtsServer130'
4
5 while ($true)
6 {
7     Start-Sleep -Milliseconds 500
8     $arrService = Get-Service -Name $ServiceName
9     $arrService.status
10 }
11
  
```

The PowerShell output shows a continuous stream of 'Stopped' messages.

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Step 23: (2017-05-13 12:15:35 AM) User left click on "Start Job at Step..." (menu item)"



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Step 24: (2017-05-13 12:15:40 AM) User mouse drag start on "PowerShell Tabs (tab)" in "Windows PowerShell ISE"

The screenshot displays the Microsoft SQL Server Management Studio (SSMS) interface. The main window shows the 'All Executions' report for a SQL Server instance. The report includes a summary of execution statistics and a detailed table of execution information. A 'Start Jobs' dialog box is overlaid on the table, and a PowerShell console window is open on the right side of the screen.

Execution Summary:

- Failed: 2
- Running: 0
- Succeeded: 44
- Others: 0

Execution Information Table:

ID	Status	Report	Job Name
60032	Succeeded	Overview All Messages	KAGE.dtsx
60031	Succeeded	Overview All Messages	KAGE.dtsx
60030	Succeeded	Overview All Messages	KAGE.dtsx
60029	Succeeded	Overview All Messages	KAGE.dtsx
60028	Succeeded	Overview All Messages Execution Performance	SQLDAY2017_SIS_DEM MASTER_PACKAGE.dtsx
60027	Succeeded	Overview All Messages Execution Performance	SQLDAY2017_SIS_DEM MASTER_PACKAGE.dtsx
60026	Succeeded	Overview All Messages Execution Performance	SQLDAY2017_SIS_DEM MASTER_PACKAGE.dtsx
60025	Succeeded	Overview All Messages Execution Performance	SQLDAY2017_SIS_DEM MASTER_PACKAGE.dtsx

Start Jobs Dialog Box:

Action	Status	Message
Start Job 'Test'	Success	
Execute job 'Test'	In progress...	

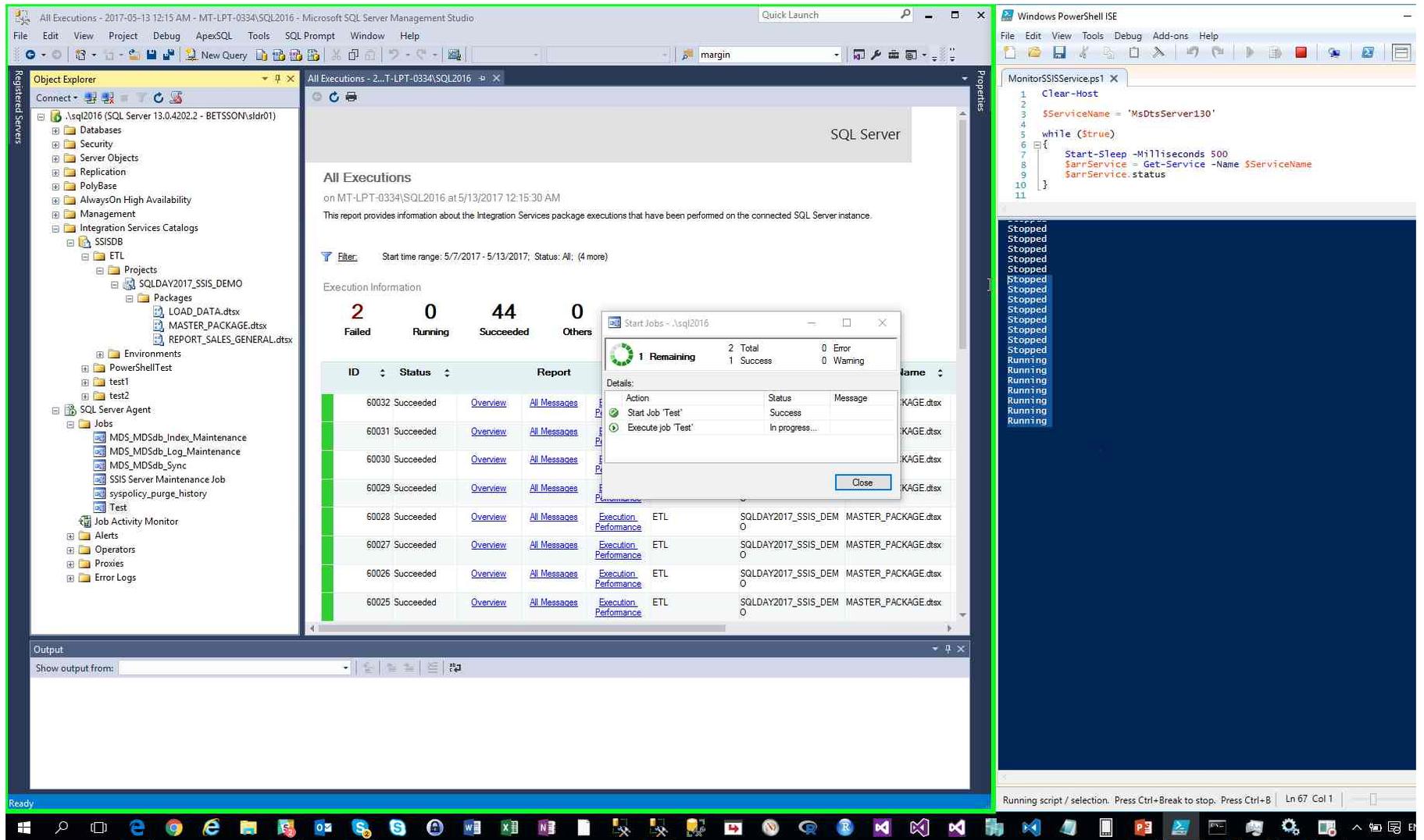
PowerShell Console:

```

1 Clear-Host
2 $ServiceName = 'MsDtsServer130'
3 while ($true)
4 {
5     Start-Sleep -Milliseconds 500
6     $arrService = Get-Service -Name $ServiceName
7     $arrService.status
8 }
  
```

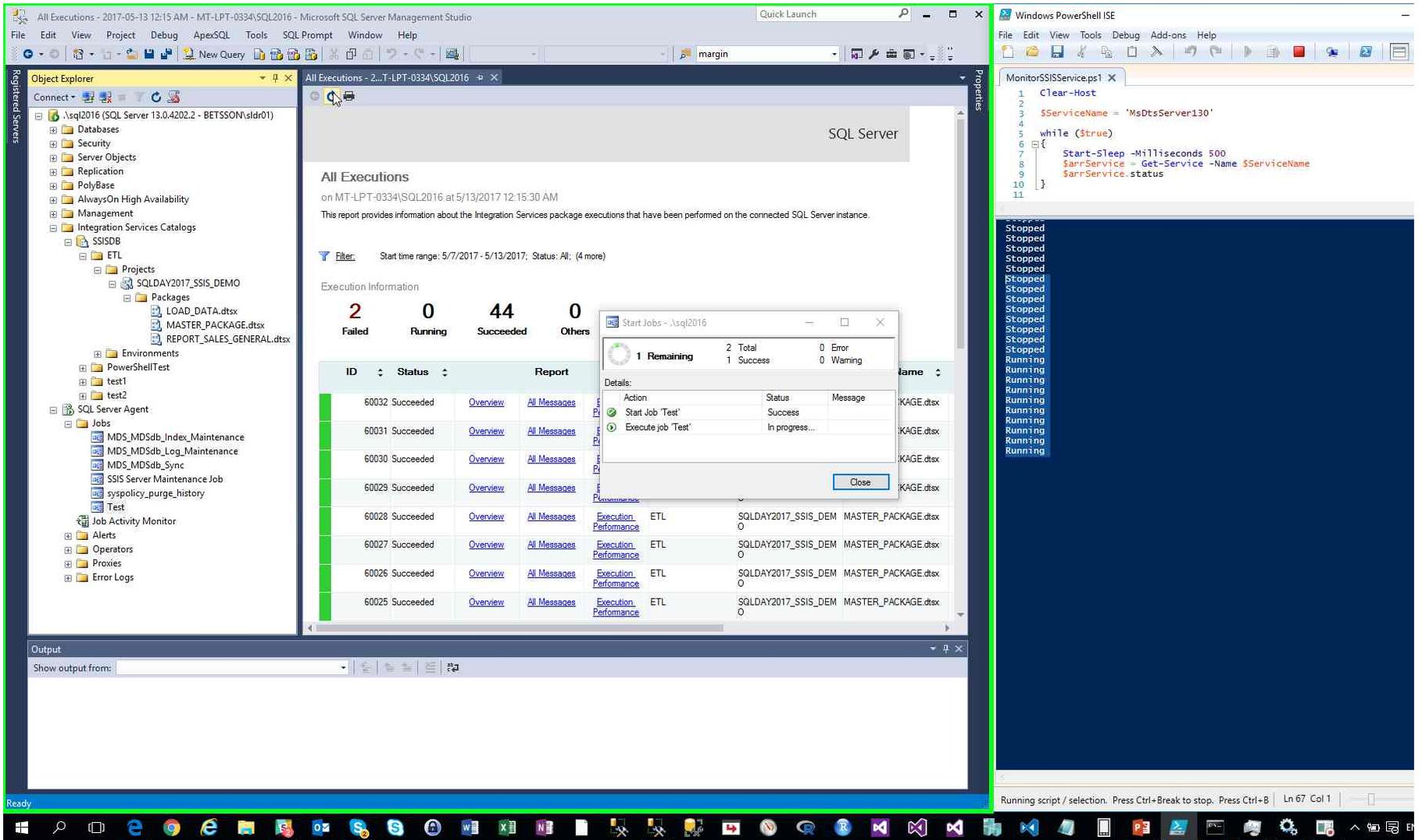
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Step 25: (2017-05-13 12:15:41 AM) User mouse drag end on "All Executions - 2017-05-13 12:15 AM - MT-LPT-0334/SQL2016 - Microsoft SQL Server Management Studio (window)" in "All Executions - 2017-05-13 12:15 AM - MT-LPT-0334/SQL2016 - Microsoft SQL Server Studio"



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Step 26: (2017-05-13 12:15:43 AM) User left click on "Refresh (button)" in "All Executions - 2017-05-13 12:15 AM - MT-LPT-0334\SQL2016 - Microsoft SQL Server Management Studio"



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Step 27: (2017-05-13 12:15:45 AM) User left click on "PowerShell Tabs (tab)" in "Windows PowerShell ISE"

The screenshot displays the Microsoft SQL Server Management Studio (SSMS) interface. The main window shows the 'All Executions' report for the 'Integration Services' package. The report includes a summary of execution statistics and a table of individual execution records.

Execution Summary:

- Failed: 2
- Running: 1
- Succeeded: 44
- Others: 0

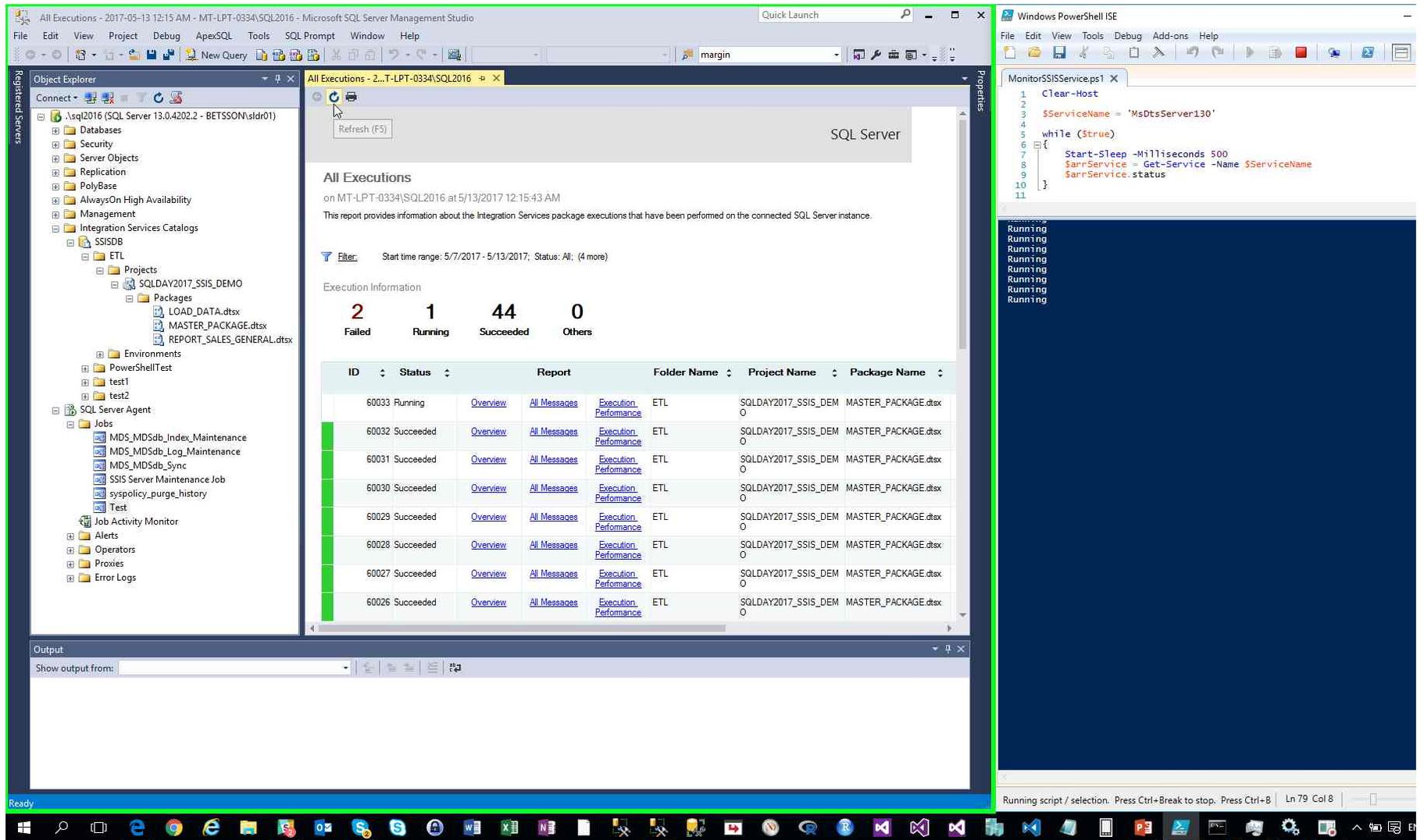
Execution Information Table:

ID	Status	Report	Folder Name	Project Name	Package Name
60033	Running	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60032	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60031	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60030	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60029	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60028	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60027	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60026	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx

On the right side, a Windows PowerShell ISE window is open, displaying a script named 'MonitorSSISService.ps1'. The script includes a 'Clear-Host' command, sets a service name to 'MsDtsServer130', and enters a 'while (\$true)' loop. Inside the loop, it uses 'Start-Sleep -Milliseconds 500' to pause, then 'Get-Service -Name \$ServiceName' to retrieve service status, and 'SarrService.status' to output the status. The console output shows a sequence of 'Stopped' and 'Running' messages.

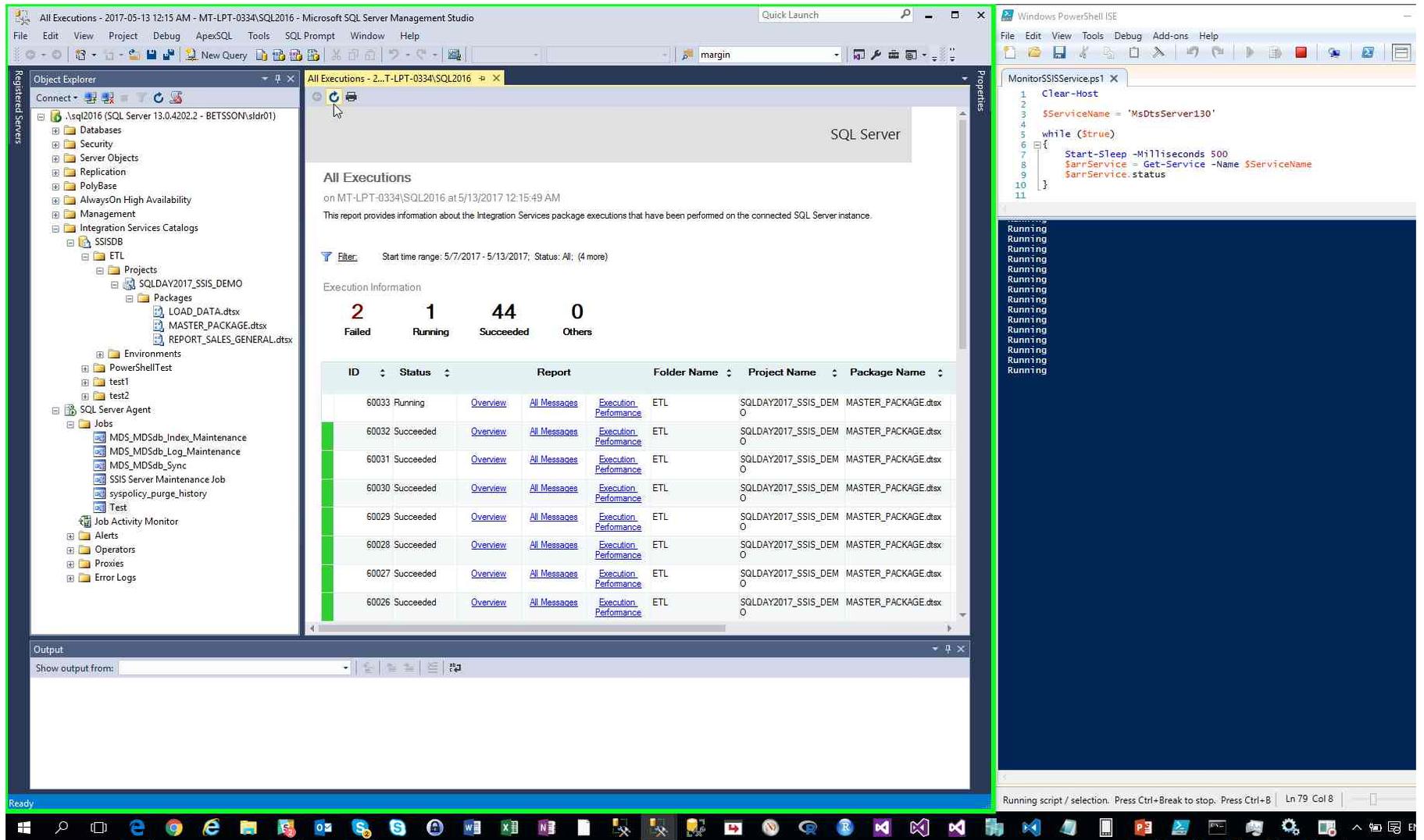
[Previous](#) [Next](#)

Step 29: (2017-05-13 12:15:49 AM) User left click on "Refresh (button)" in "All Executions - 2017-05-13 12:15 AM - MT-LPT-0334/SQL2016 - Microsoft SQL Server Management Studio"



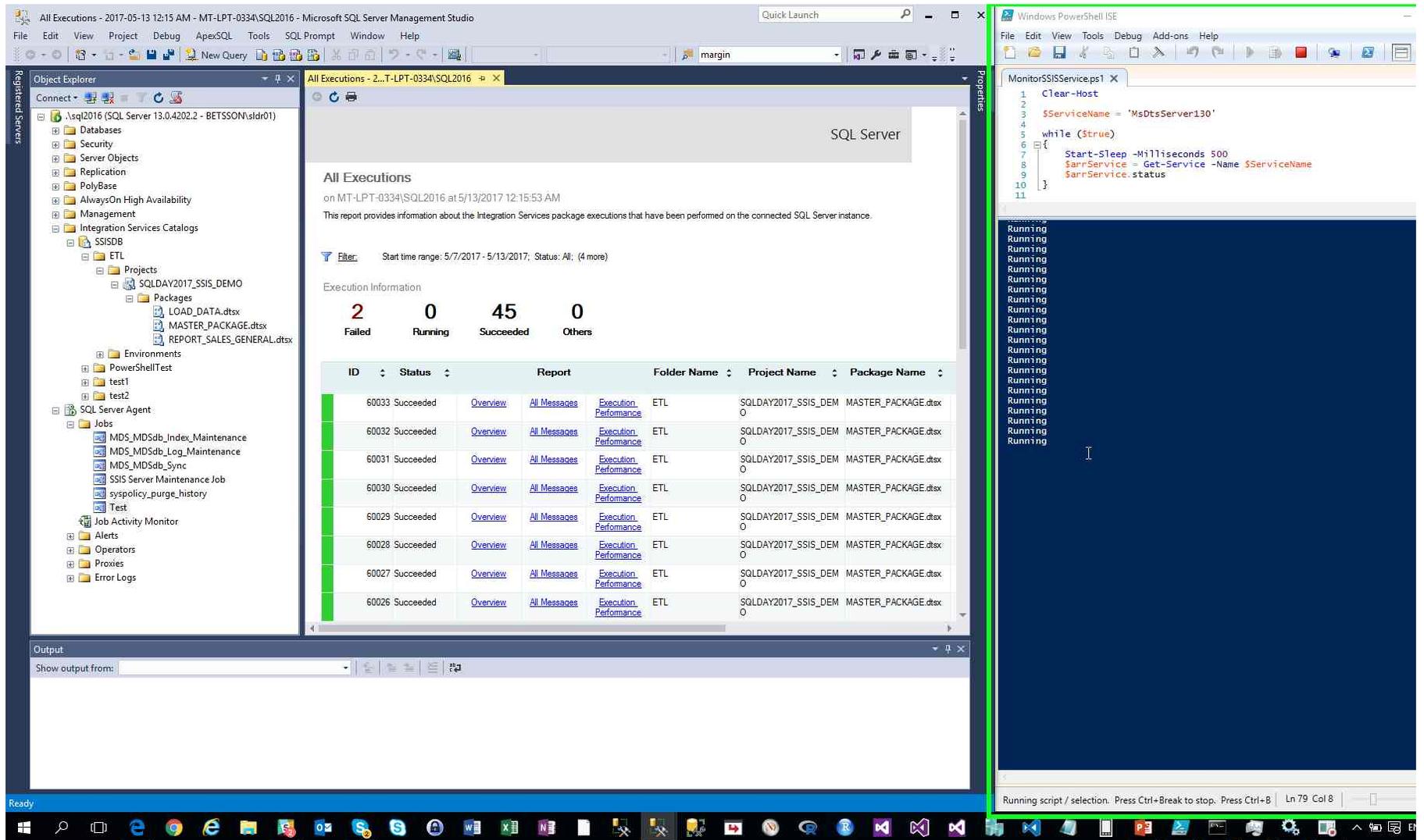
[Previous](#) [Next](#)

Step 30: (2017-05-13 12:15:52 AM) User left click on "Refresh (button)" in "All Executions - 2017-05-13 12:15 AM - MT-LPT-0334/SQL2016 - Microsoft SQL Server Management Studio"



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Step 31: (2017-05-13 12:15:56 AM) User mouse drag start on "PowerShell Tabs (tab)" in "Windows PowerShell ISE"



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Step 32: (2017-05-13 12:15:56 AM) User mouse drag end on "PowerShell Tabs (tab)" in "Windows PowerShell ISE"

The screenshot displays two windows: Microsoft SQL Server Enterprise Manager and Windows PowerShell ISE.

SQL Server Enterprise Manager - All Executions

on MT-LPT-0334\SQL2016 at 5/13/2017 12:15:53 AM
 This report provides information about the Integration Services package executions that have been performed on the connected SQL Server instance.

Filter: Start time range: 5/7/2017 - 5/13/2017; Status: All; (4 more)

Execution Information

2	0	45	0
Failed	Running	Succeeded	Others

ID	Status	Report	Folder Name	Project Name	Package Name
60033	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60032	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60031	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60030	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60029	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60028	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60027	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60026	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx

Windows PowerShell ISE

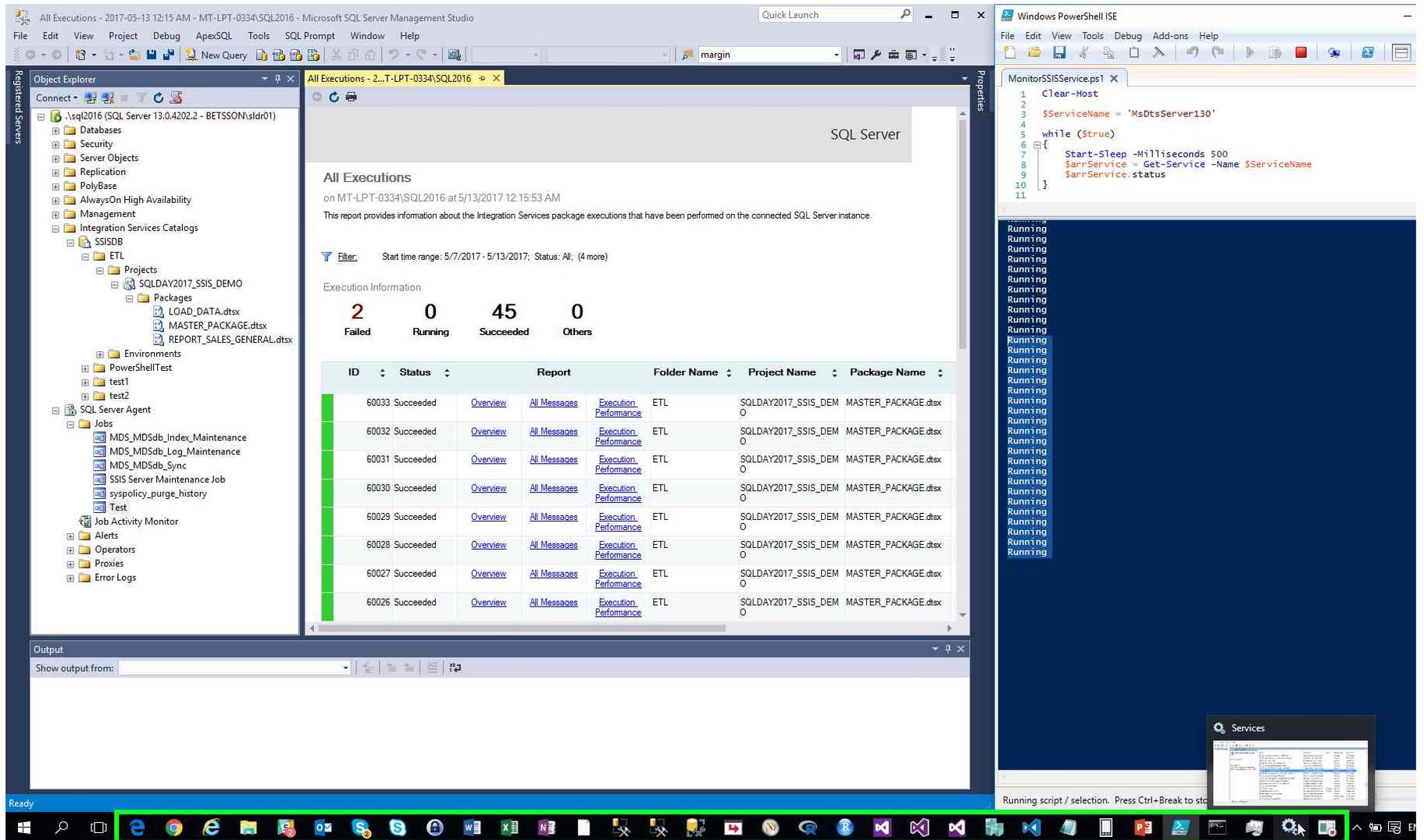
```

1 Clear-Host
2
3 $ServiceName = 'MsDtsServer130'
4
5 while ($true)
6 {
7     Start-Sleep -Milliseconds 500
8     $arrService = Get-Service -Name $ServiceName
9     $arrService.status
10 }
11
  
```

Running script / selection. Press Ctrl+Break to stop. Press Ctrl+| Ln 100 Col 1

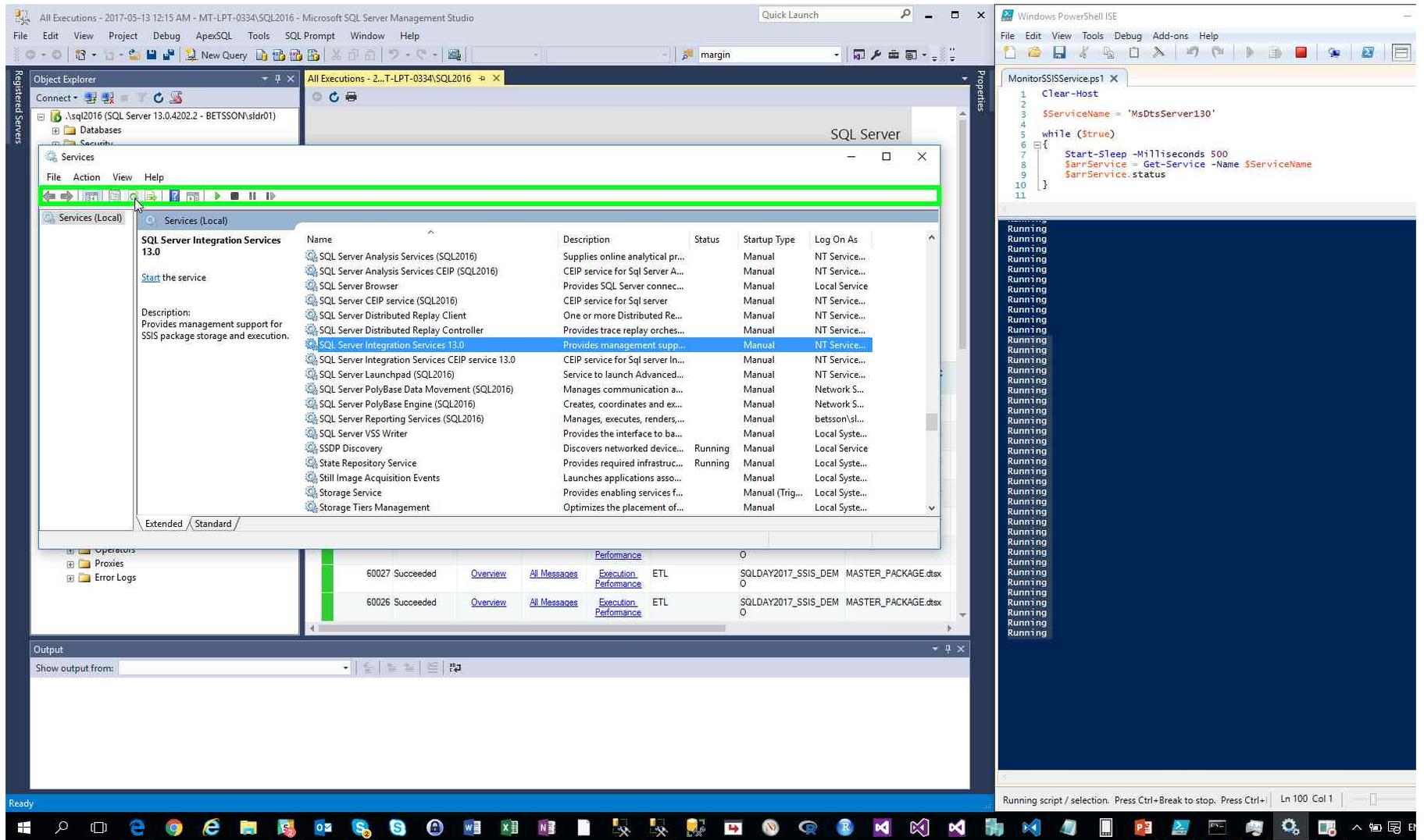
[Previous](#) [Next](#)

Step 33: (2017-05-13 12:16:01 AM) User left click on "Services (button)"

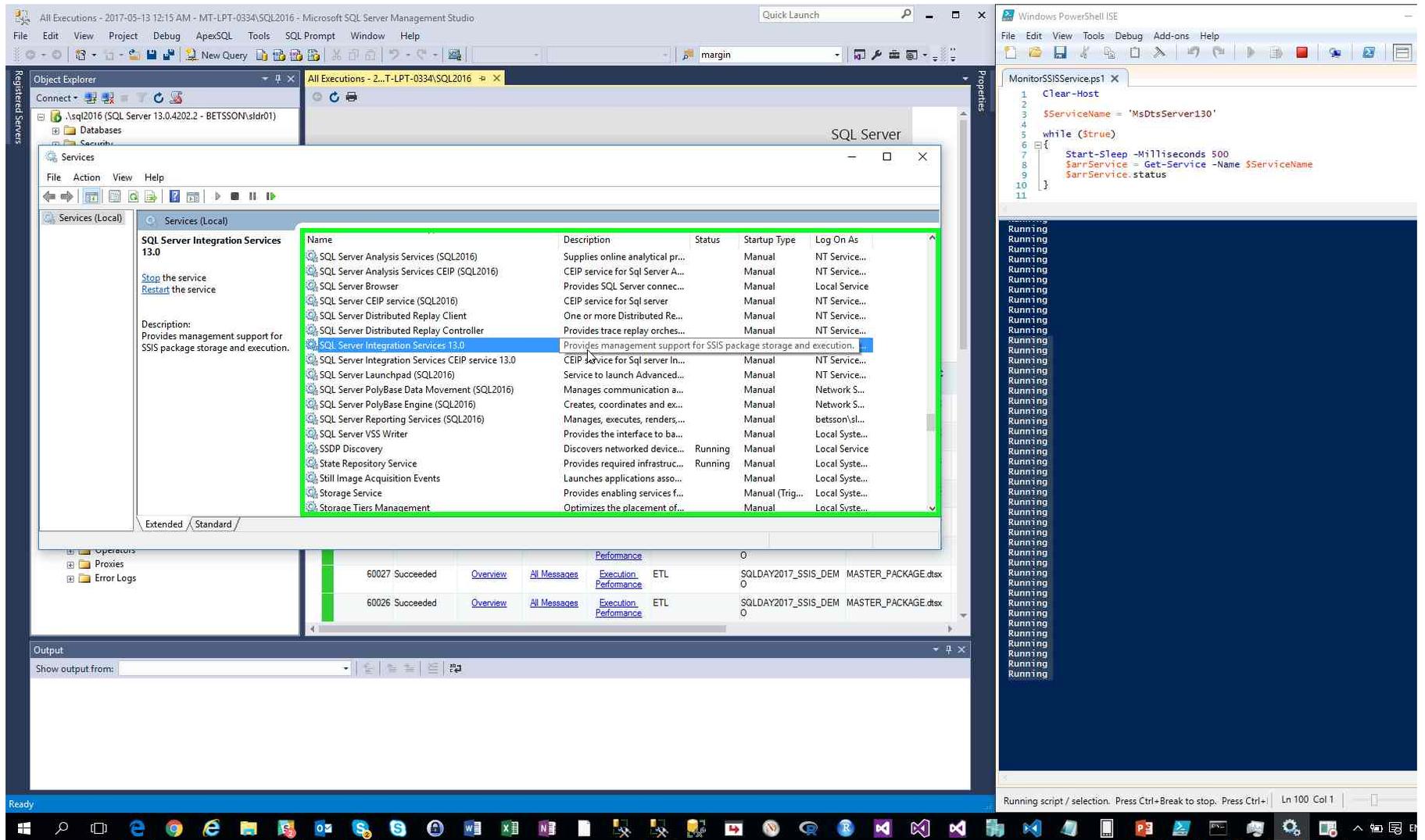


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Step 34: (2017-05-13 12:16:05 AM) User left click on "Refresh (button)" in "Services"

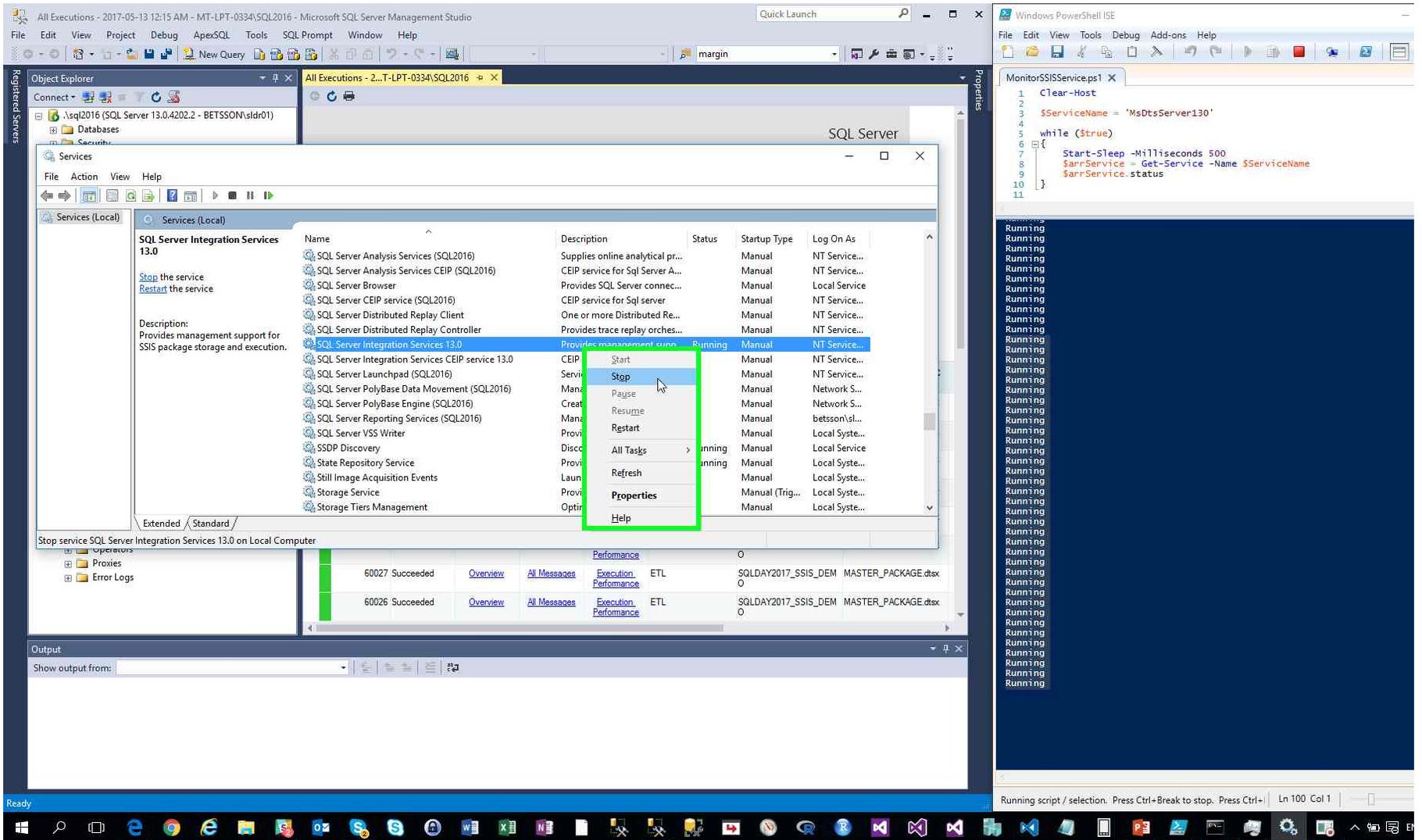


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Step 35: (2017-05-13 12:16:07 AM) User right click on "Provides management support for SSIS package storage and execution. (text)" in "Services"



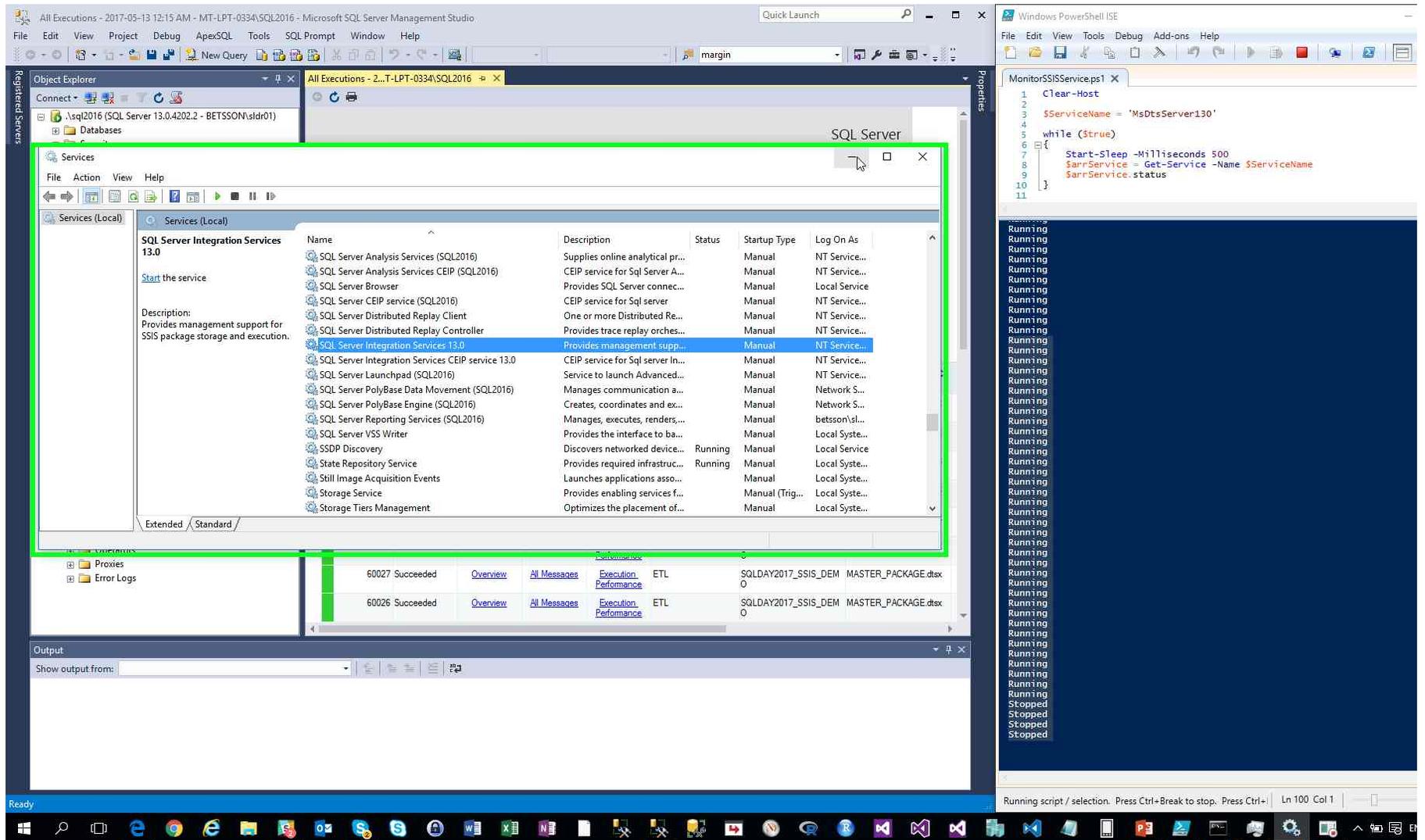
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Step 36: (2017-05-13 12:16:08 AM) User left click on "Stop (menu item)"



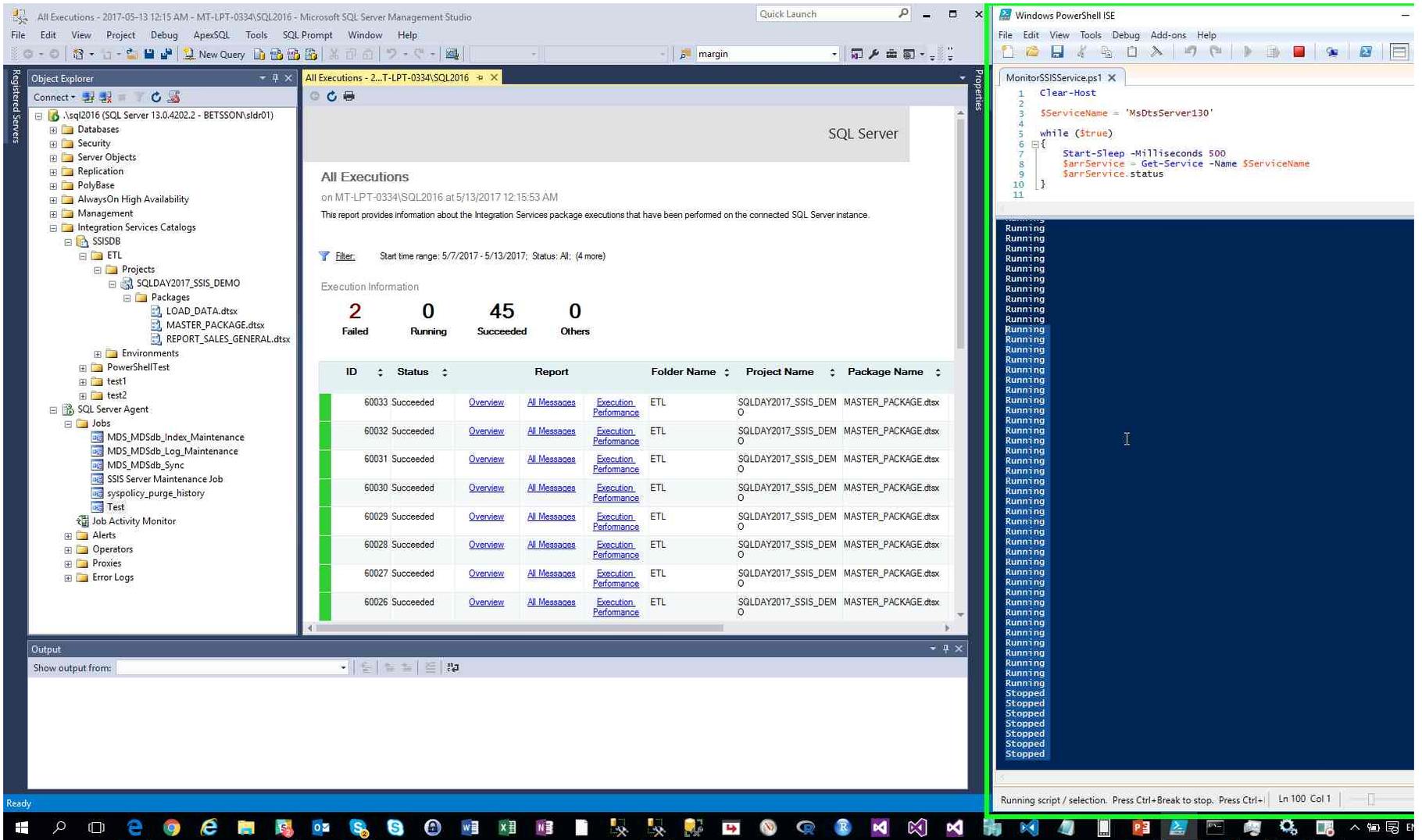
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Step 37: (2017-05-13 12:16:10 AM) User left click on "Minimize (button)" in "Services"



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Step 38: (2017-05-13 12:16:12 AM) User left click on "PowerShell Tabs (tab)" in "Windows PowerShell ISE"



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Step 39: (2017-05-13 12:16:13 AM) User mouse wheel down on "PowerShell Tabs (tab)" in "Windows PowerShell ISE"

The screenshot displays the Microsoft SQL Server Management Studio (SSMS) interface. The main window shows the 'All Executions' report for a SQL Server instance. The report includes a summary of execution statistics and a table of individual execution records.

Execution Summary:

- Failed: 2
- Running: 0
- Succeeded: 45
- Others: 0

Execution Information Table:

ID	Status	Report	Folder Name	Project Name	Package Name
60033	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM	MASTER_PACKAGE.dtsx
60032	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM	MASTER_PACKAGE.dtsx
60031	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM	MASTER_PACKAGE.dtsx
60030	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM	MASTER_PACKAGE.dtsx
60029	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM	MASTER_PACKAGE.dtsx
60028	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM	MASTER_PACKAGE.dtsx
60027	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM	MASTER_PACKAGE.dtsx
60026	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM	MASTER_PACKAGE.dtsx

The PowerShell ISE window on the right is running a script to monitor the SSIS service status. The script includes the following code:

```

1 Clear-Host
2
3 $ServiceName = 'MsDtsServer130'
4
5 while ($true)
6 {
7     Start-Sleep -Milliseconds 500
8     $arrService = Get-Service -Name $ServiceName
9     $arrService.status
10 }
11
  
```

The output of the script shows a continuous stream of 'Running' status messages, indicating that the SSIS service is active and being monitored.

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Step 40: (2017-05-13 12:16:18 AM) User right click on "Test (tree item)" in "All Executions - 2017-05-13 12:15 AM - MT-LPT-0334/SQL2016 - Microsoft SQL Server Management Studio"

The screenshot displays the Microsoft SQL Server Enterprise Manager interface. The left pane shows the Object Explorer with the 'SQL Server Agent' folder expanded, highlighting the 'Jobs' folder. The main pane shows the 'All Executions' report for the 'MASTER_PACKAGE.dtsx' package. The report indicates that 2 executions failed, 0 are running, 45 succeeded, and 0 are others. A table below the summary lists the execution details for several successful runs.

In the background, a Windows PowerShell ISE window is open, showing a script named 'MonitorSSISService.ps1'. The script is designed to monitor the status of a specific SSIS service. It uses a 'while' loop to repeatedly check the status of the service and sleep for 500 milliseconds between checks.

Execution Information Summary:

- Failed: 2
- Running: 0
- Succeeded: 45
- Others: 0

Execution Details Table:

ID	Status	Report	Folder Name	Project Name	Package Name
60033	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60032	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60031	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60030	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60029	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60028	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60027	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60026	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx

```

1 Clear-Host
2
3 $ServiceName = 'MsDtsServer130'
4
5 while ($true)
6 {
7     Start-Sleep -Milliseconds 500
8     $arrService = Get-Service -Name $ServiceName
9     $arrService.status
10 }
11
  
```

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Step 41: (2017-05-13 12:16:20 AM) User left click on "Script Job as (menu item)"

The screenshot displays the Microsoft SQL Server Management Studio interface. The main window shows the 'All Executions' report for the 'MASTER_PACKAGE.dtsx' package. The report indicates that 45 executions succeeded, 2 failed, and 0 are running. A context menu is open over the 'Jobs' folder in the Object Explorer, with 'Script Job as' selected. A PowerShell ISE window on the right shows a script for monitoring SSIS service status.

Execution Information Summary:

Failed	Running	Succeeded	Others
2	0	45	0

Execution Information Table:

ID	Status	Report	Folder Name	Project Name	Package Name
60033	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60032	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60031	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60030	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60029	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60028	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60027	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60026	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx

PowerShell Script:

```

1 Clear-Host
2
3 $ServiceName = 'MsDtsServer130'
4
5 while ($true)
6 {
7     Start-Sleep -Milliseconds 500
8     $arrService = Get-Service -Name $ServiceName
9     $arrService.status
10 }
11
  
```

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Step 42: (2017-05-13 12:16:20 AM) User left click on "Script Job asDropDown (menu)"

The screenshot displays the Microsoft SQL Server Management Studio (SSMS) interface. The main window shows the 'All Executions' report for the 'MASTER_PACKAGE.dtsx' package. The report indicates that 45 executions succeeded, 2 failed, and 0 others. A table below the summary lists individual execution details.

ID	Status	Report	Folder Name	Project Name	Package Name
60033	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SSI_DEM O	MASTER_PACKAGE.dtsx
60032	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SSI_DEM O	MASTER_PACKAGE.dtsx
60031	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SSI_DEM O	MASTER_PACKAGE.dtsx
60030	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SSI_DEM O	MASTER_PACKAGE.dtsx
60029	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SSI_DEM O	MASTER_PACKAGE.dtsx
60028	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SSI_DEM O	MASTER_PACKAGE.dtsx

A context menu is open over the 'CREATE To' option in the 'Script Job as' menu. The menu items are: CREATE To, ALTER To, DROP To, DROP And CREATE To, SELECT To, INSERT To, UPDATE To, DELETE To, and EXECUTE To.

In the background, a PowerShell ISE window shows a script named 'MonitorSSISService.ps1' with the following code:

```

1 Clear-Host
2
3 $ServiceName = 'MsDtsServer130'
4
5 while ($true)
6 {
7     Start-Sleep -Milliseconds 500
8     $arrService = Get-Service -Name $ServiceName
9     $arrService.status
10 }
11

```

The PowerShell console output shows a continuous loop of 'Running' and 'Stopped' status messages for the service.

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Step 43: (2017-05-13 12:16:21 AM) User left click on "CREATE ToDropDown (menu)"

The screenshot displays the Microsoft SQL Server Management Studio (SSMS) interface. The main window shows the 'All Executions' report for the 'SQLDAY2017_SIS_DEMO' package. The report indicates that 45 executions succeeded, 2 failed, and 0 are currently running. A context menu is open over the table, with the 'New Query Editor Window' option highlighted. To the right, a PowerShell ISE window shows a script for monitoring SSIS services.

Execution Summary:

- Failed: 2
- Running: 0
- Succeeded: 45
- Others: 0

Execution Information Table:

ID	Status	Report	Folder Name	Project Name	Package Name
60033	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEMO	MASTER_PACKAGE.dtsx
60032	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEMO	MASTER_PACKAGE.dtsx
60031	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEMO	MASTER_PACKAGE.dtsx
60030	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEMO	MASTER_PACKAGE.dtsx
60029	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEMO	MASTER_PACKAGE.dtsx
60028	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEMO	MASTER_PACKAGE.dtsx

PowerShell Script:

```

1 Clear-Host
2
3 $ServiceName = 'MsDtsServer130'
4
5 while ($true)
6 {
7     Start-Sleep -Milliseconds 500
8     $arrService = Get-Service -Name $ServiceName
9     $arrService.status
10 }
11
  
```

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Step 44: (2017-05-13 12:16:23 AM) User mouse wheel down in "SQLQuery7.sql - (local)\sql2016.master (BETSSON\slldr01 (60)) - Microsoft SQL Server Management Studio"

The screenshot displays two windows side-by-side. The left window is Microsoft SQL Server Management Studio (SSMS) with a SQL query editor open. The right window is Windows PowerShell ISE showing a script to monitor a job.

SQL Query Editor (Left Window):

```

USE [msdb]
GO

/***** Object: Job [Test]    Script Date: 2017-05-13 12:16:22 AM *****/
BEGIN TRANSACTION
DECLARE @ReturnCode INT
SELECT @ReturnCode = 0
/***** Object: JobCategory [[Uncategorized (Local)]]    Script Date: 2017-05-13 12:16:22 AM *****/
IF NOT EXISTS (SELECT name FROM msdb.dbo.syscategories WHERE name=N'[Uncategorized (Local)]' AND cate
BEGIN
EXEC @ReturnCode = msdb.dbo.sp_add_category @class=N'JOB', @type=N'LOCAL', @name=N'[Uncategorized (Lo
IF (@@ERROR <> 0 OR @ReturnCode <> 0) GOTO QuitWithRollback

END

DECLARE @jobId BINARY(16)
EXEC @ReturnCode =  msdb.dbo.sp_add_job @job_name=N'Test',
    @enabled=1,
    @notify_level_eventlog=0,
    @notify_level_email=0,
    @notify_level_netsend=0,
    @notify_level_page=0,
    @delete_level=0,
    @description=N'No description available.',
    @category_name=N'[Uncategorized (Local)]',
    @owner_login_name=N'MT-LPT-0334\SSISAccount', @job_id = @jobId OUTPUT
IF (@@ERROR <> 0 OR @ReturnCode <> 0) GOTO QuitWithRollback
/***** Object: Step [test]    Script Date: 2017-05-13 12:16:22 AM *****/
EXEC @ReturnCode =  msdb.dbo.sp_add_jobstep @job_id=@jobId, @step_name=N'test',
    @step_id=1,
    @cmdexec_success_code=0,
    @on_success_action=1,
    @on_success_step_id=0,
    @on_fail_action=2,
    @on_fail_step_id=0

```

Windows PowerShell ISE (Right Window):

```

1 Clear-Host
2
3 $ServiceName = 'MsDtsServer130'
4
5 while ($true)
6 {
7     Start-Sleep -Milliseconds 500
8     $arrService = Get-Service -Name $ServiceName
9     $arrService.status
10 }
11

```

The PowerShell output shows a continuous loop of "Running" and "Stopped" status checks for the service.

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Step 45: (2017-05-13 12:16:25 AM) User left click in "SQLQuery7.sql - (local)\sql2016.master (BETSSON\slidr01 (60)) - Microsoft SQL Server Management Studio"

The screenshot displays two windows side-by-side. The left window is Microsoft SQL Server Management Studio (SSMS) with a SQL query editor open. The query is as follows:

```

@category_name=N'[Uncategorized (Local)]',
@owner_login_name=N'MT-LPT-0334\SSISAccount', @job_id = @jobId OUTPUT
IF (@@ERROR <> 0 OR @ReturnCode <> 0) GOTO QuitWithRollback
/***** Object: Step [test] Script Date: 2017-05-13 12:16:22 AM *****/
EXEC @ReturnCode = msdb.dbo.sp_add_jobstep @job_id=@jobId, @step_name=N'test',
@step_id=1,
@cmdexec_success_code=0,
@on_success_action=1,
@on_success_step_id=0,
@on_fail_action=2,
@on_fail_step_id=0,
@retry_attempts=0,
@retry_interval=0,
@os_run_priority=0, @subsystem=N'SSIS',
@command=N'ISSERVER "\SSISDB\ETL\SQLDAY2017_SSI_DEMO\MASTER_PACKAGE.dtsx" /SERVER ".\." \
@database_name=N'master',
@flags=0
IF (@@ERROR <> 0 OR @ReturnCode <> 0) GOTO QuitWithRollback
EXEC @ReturnCode = msdb.dbo.sp_update_job @job_id = @jobId, @start_step_id = 1
IF (@@ERROR <> 0 OR @ReturnCode <> 0) GOTO QuitWithRollback
EXEC @ReturnCode = msdb.dbo.sp_add_jobserver @job_id = @jobId, @server_name = N'(local)'
IF (@@ERROR <> 0 OR @ReturnCode <> 0) GOTO QuitWithRollback
COMMIT TRANSACTION
GOTO EndSave
QuitWithRollback:
IF (@@TRANCOUNT > 0) ROLLBACK TRANSACTION
EndSave:
GO

```

The right window is Windows PowerShell ISE, showing a script for monitoring the job's status:

```

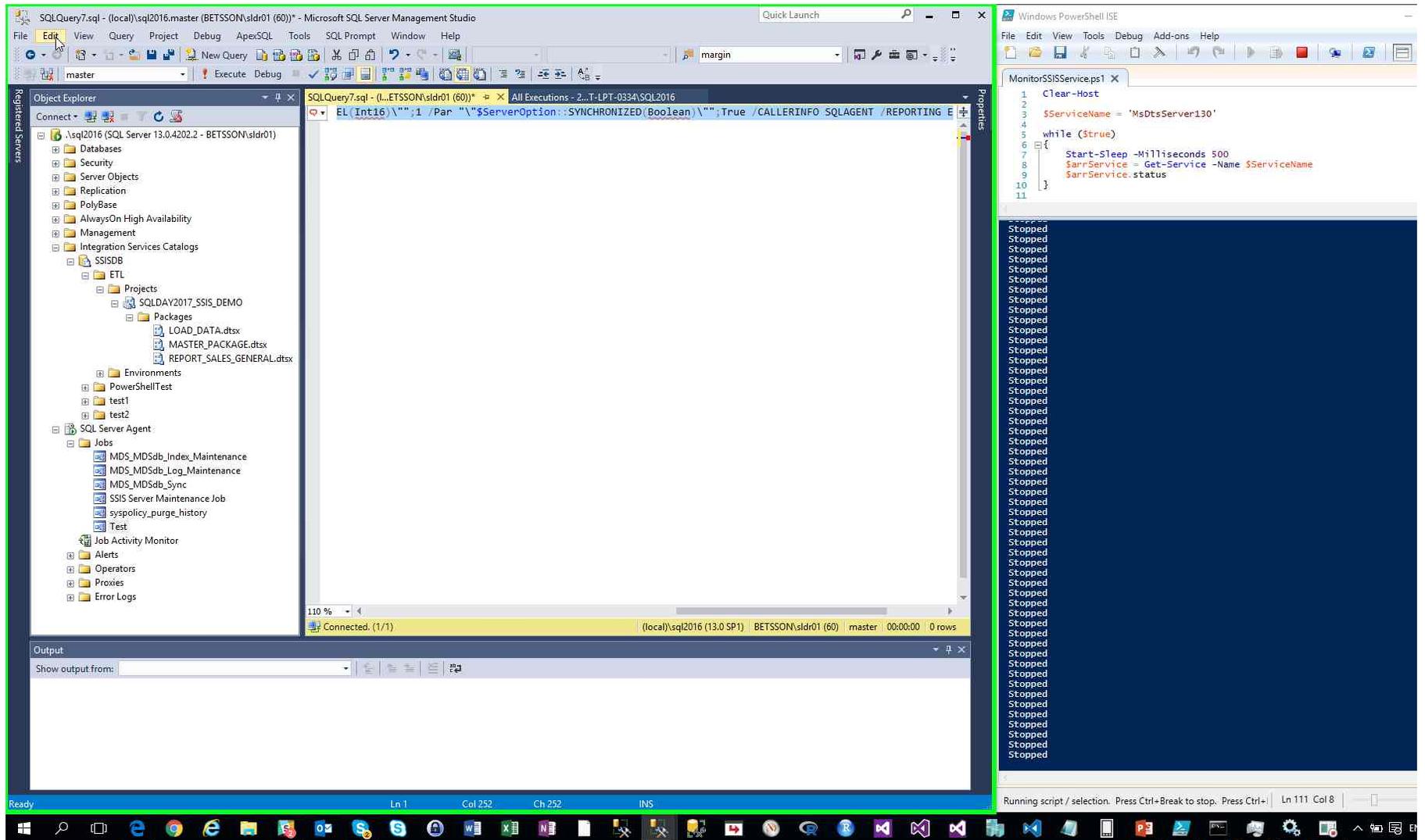
1 Clear-Host
2
3 $ServiceName = 'MsDtsServer130'
4
5 while ($true)
6 {
7     Start-Sleep -Milliseconds 500
8     $arrService = Get-Service -Name $ServiceName
9     $arrService.status
10 }
11

```

The PowerShell ISE output pane shows a continuous stream of status updates for the 'MsDtsServer130' service, alternating between 'Running' and 'Stopped'.

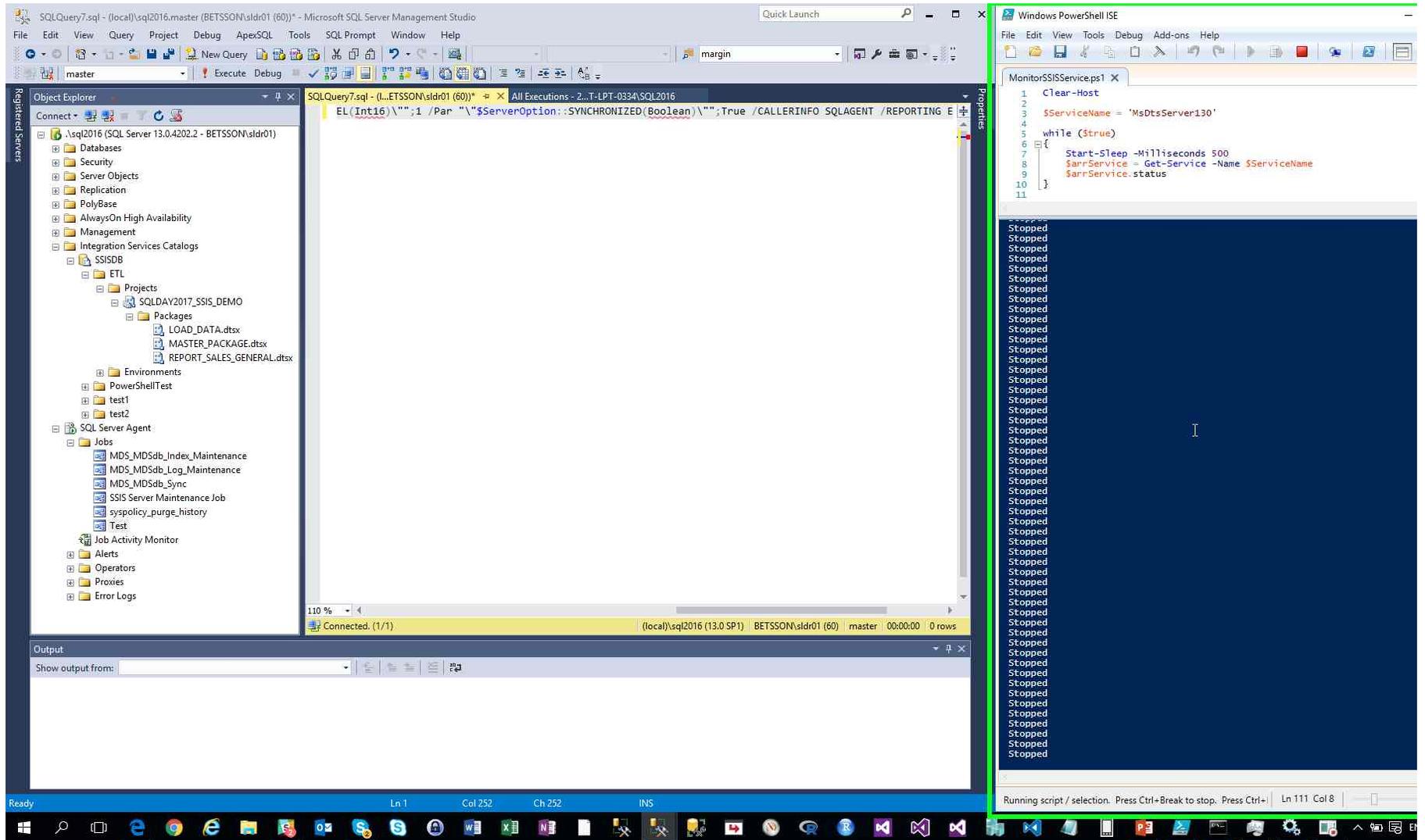
[Previous](#) [Next](#)

Step 46: (2017-05-13 12:16:40 AM) User left click on "Edit (menu item)" in "SQLQuery7.sql - (local)\sql2016.master (BETSSON\sldr01 (60))* - Microsoft SQL Server Management Studio"

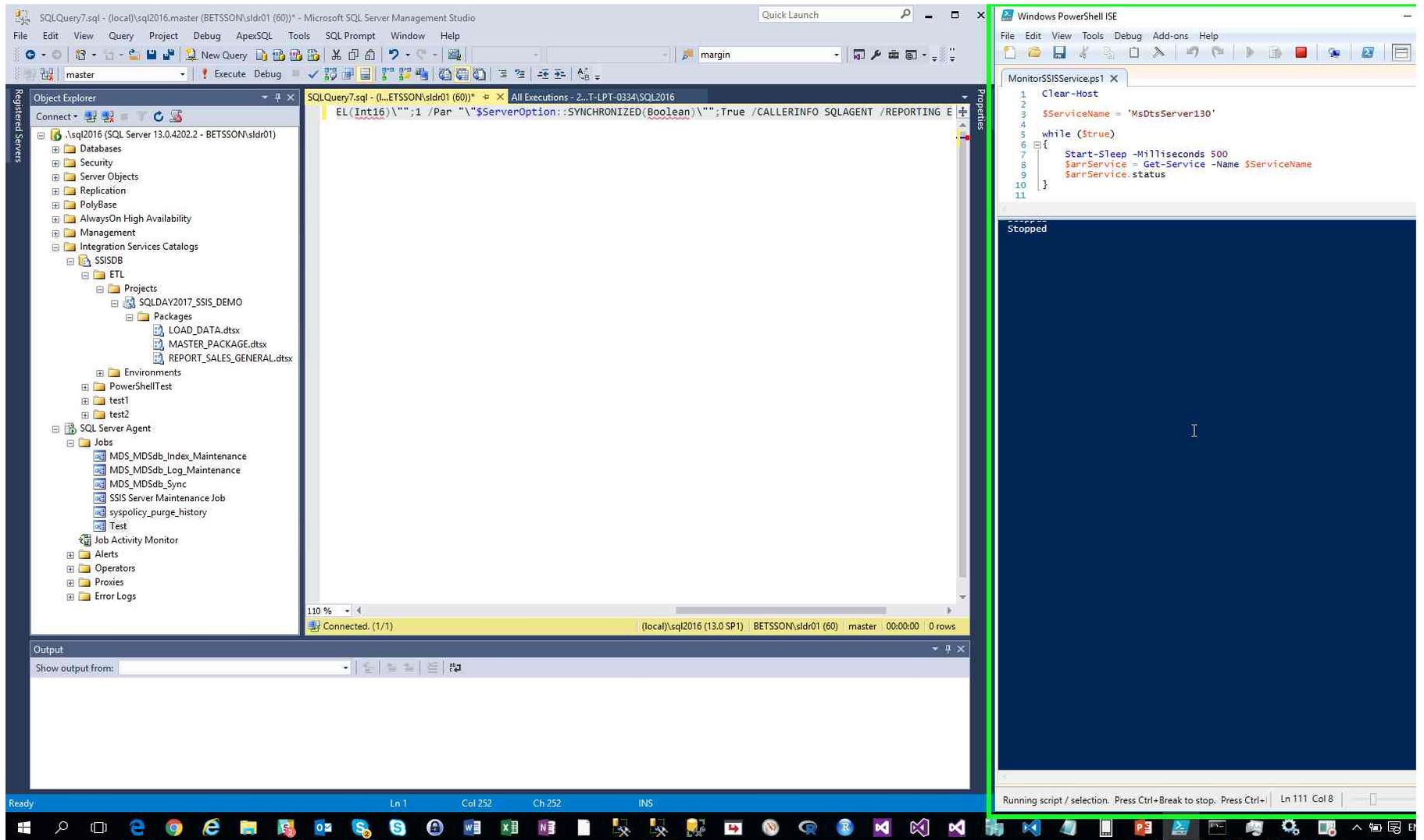


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Step 47: (2017-05-13 12:16:41 AM) User left click on "Copy (menu item)"

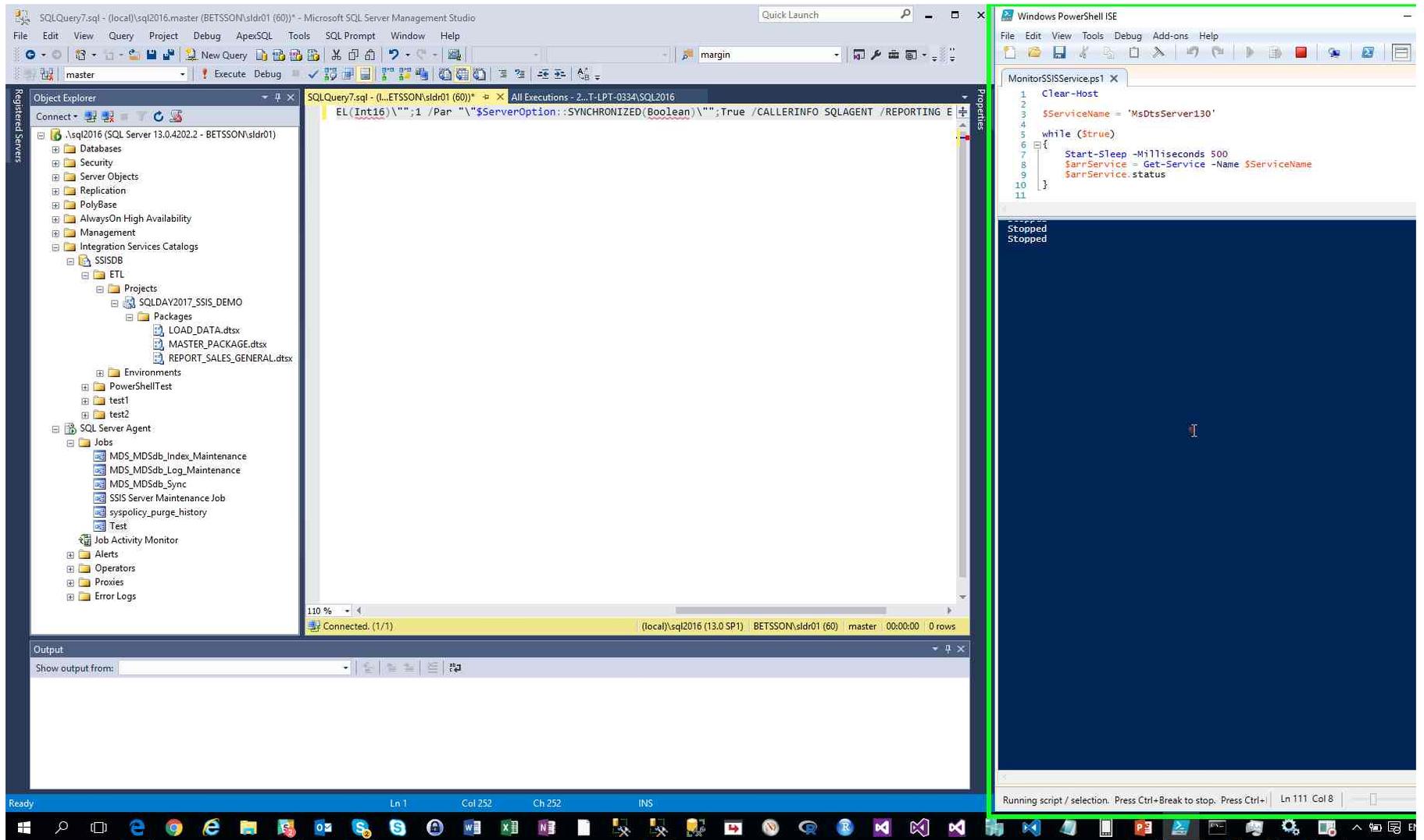


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Step 49: (2017-05-13 12:16:43 AM) User mouse wheel up on "PowerShell Tabs (tab)" in "Windows PowerShell ISE"



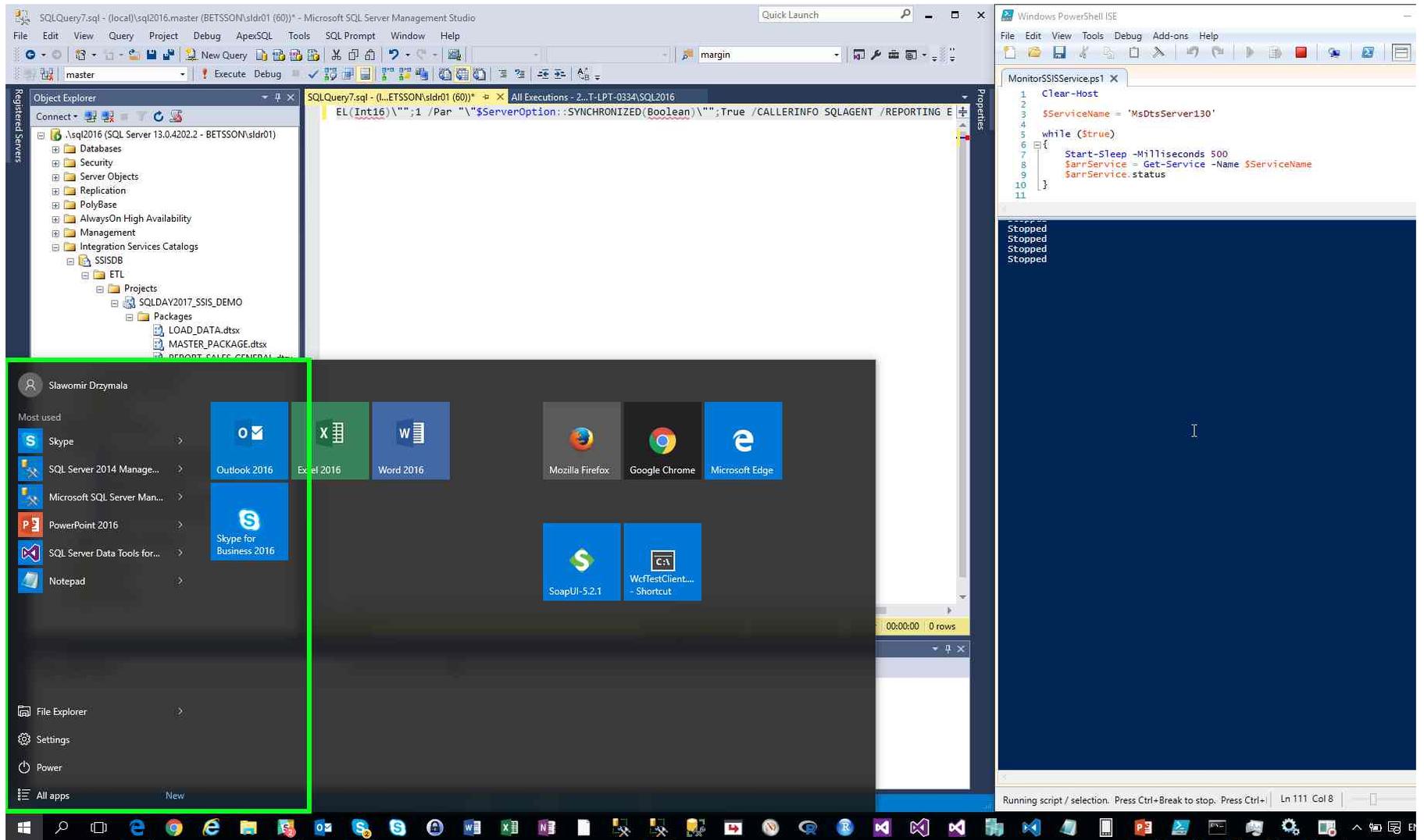
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Step 50: (2017-05-13 12:16:44 AM) User keyboard input on "Windows PowerShell ISE Main Window (window)" in "Windows PowerShell ISE" [... Win]



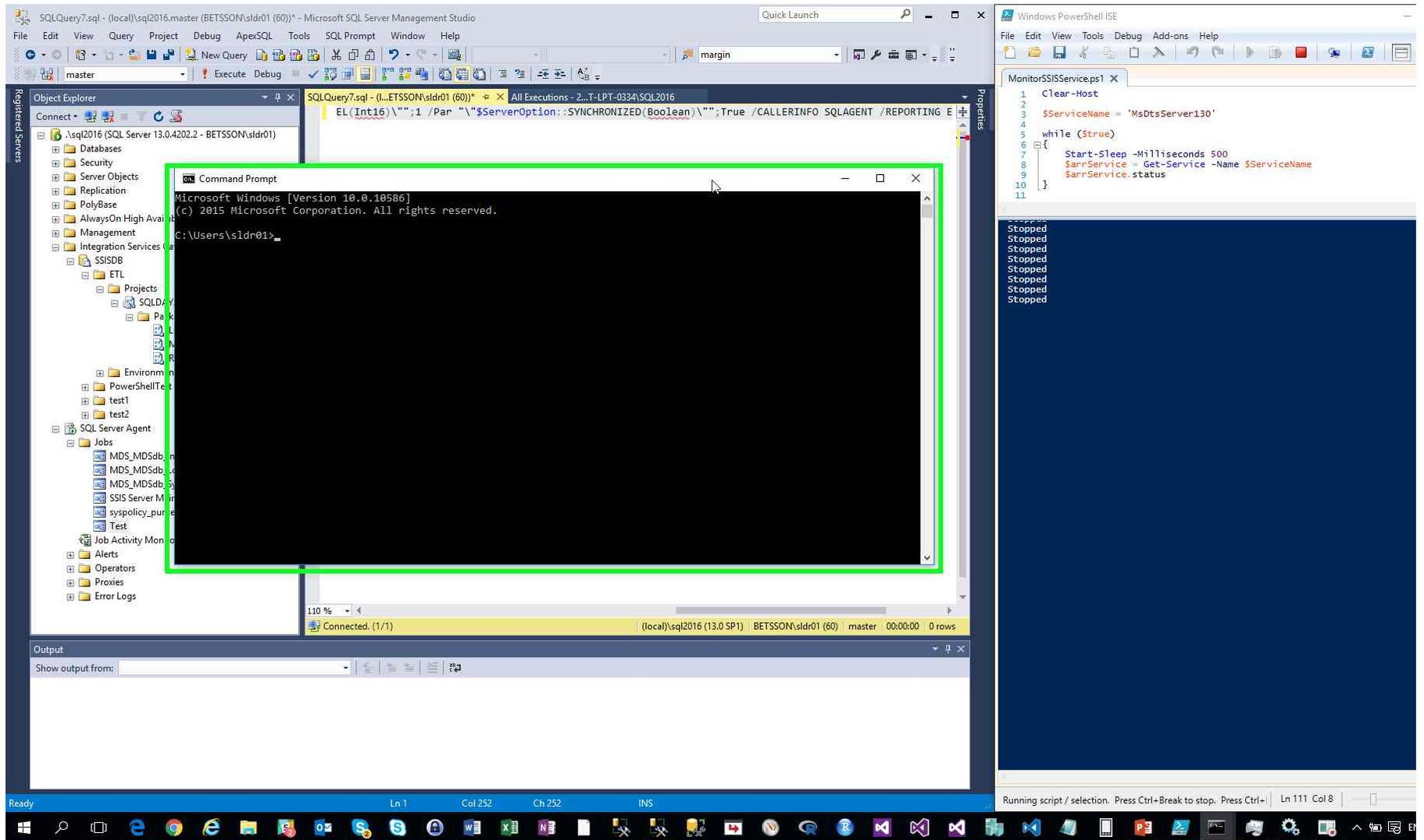
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Step 51: (2017-05-13 12:16:45 AM) User keyboard input on "Cortana (window)" in "Cortana" [... Enter]



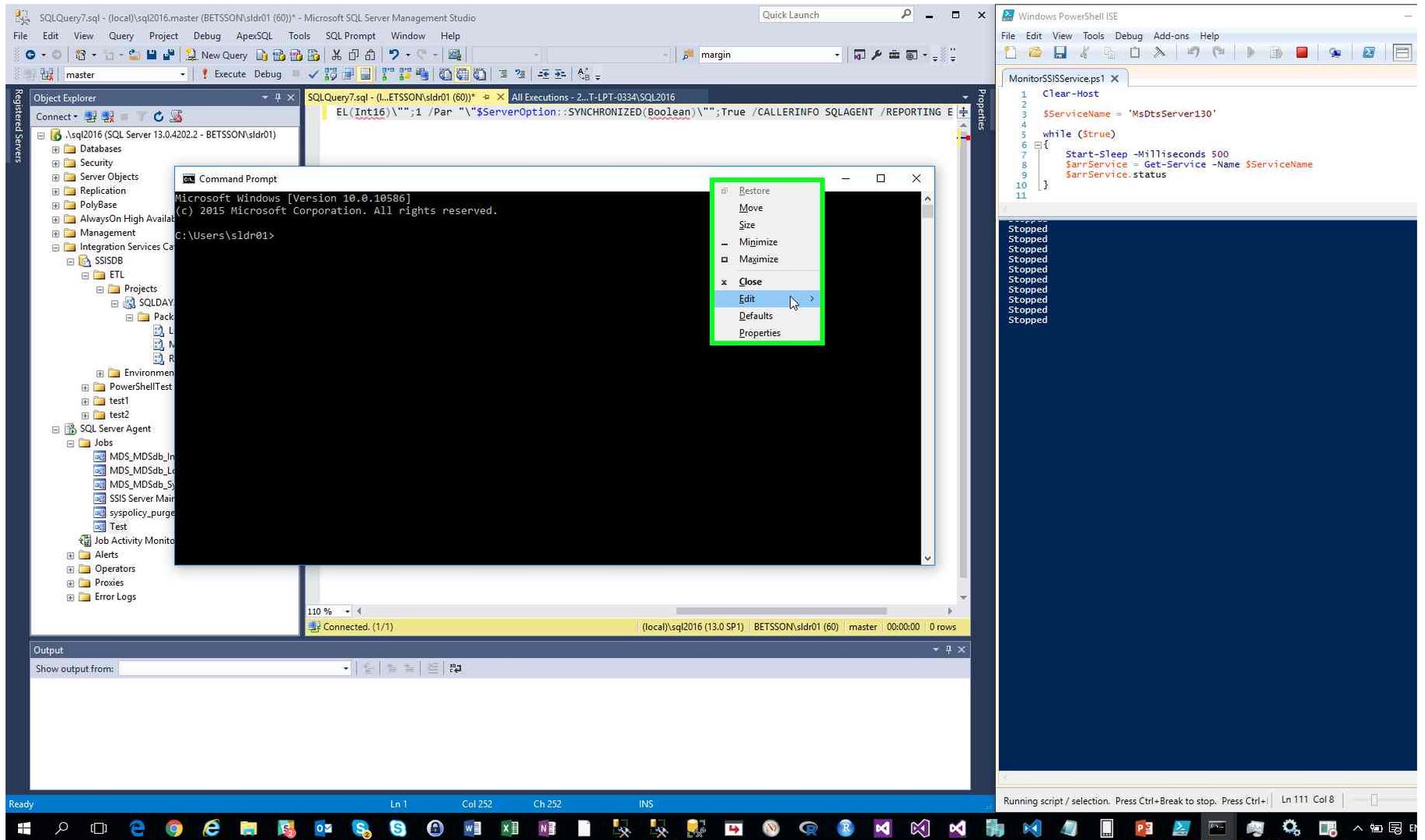
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Step 52: (2017-05-13 12:16:47 AM) User right click on "Command Prompt (window)" in "Command Prompt"



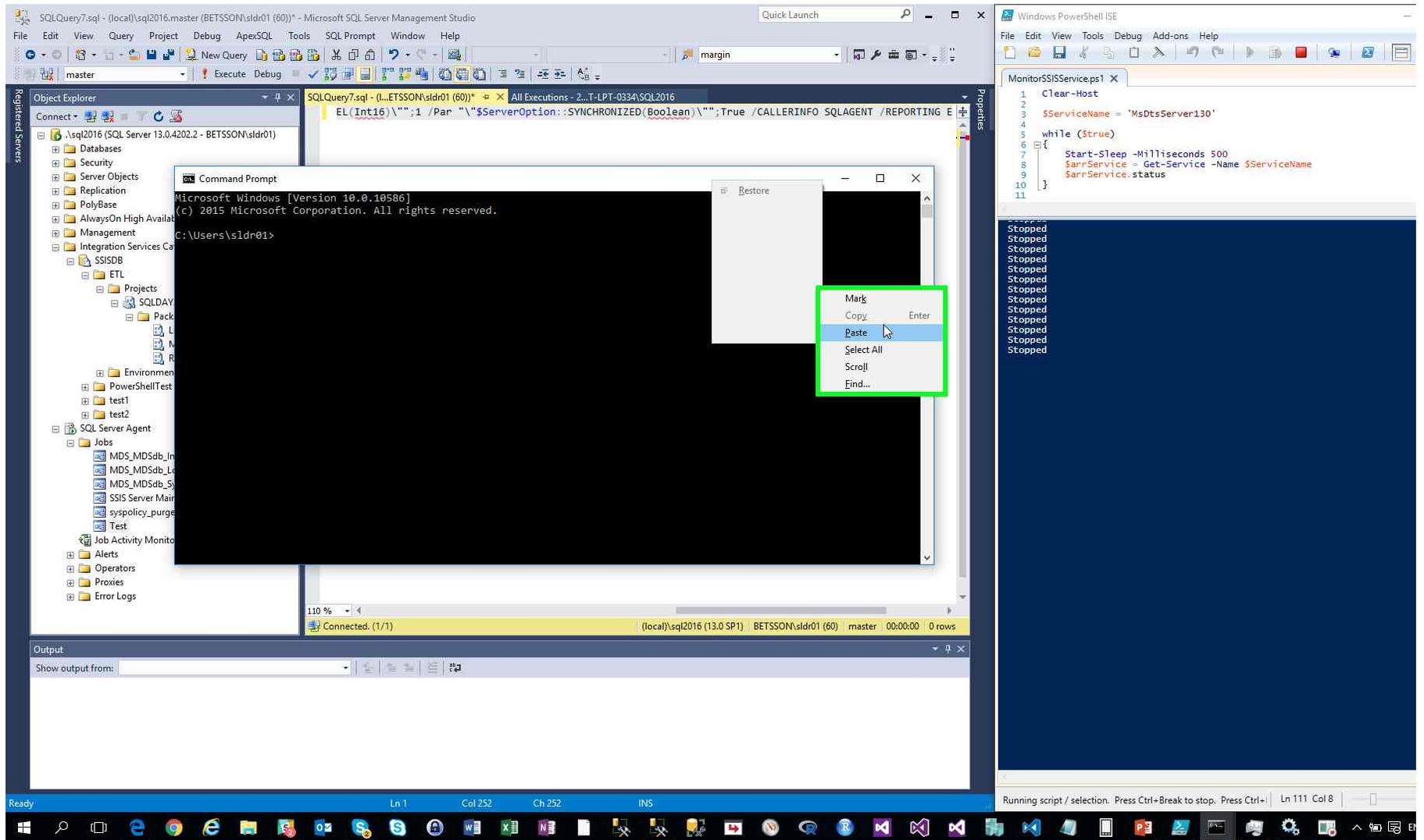
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Step 53: (2017-05-13 12:16:48 AM) User left click on "Edit (menu item)"



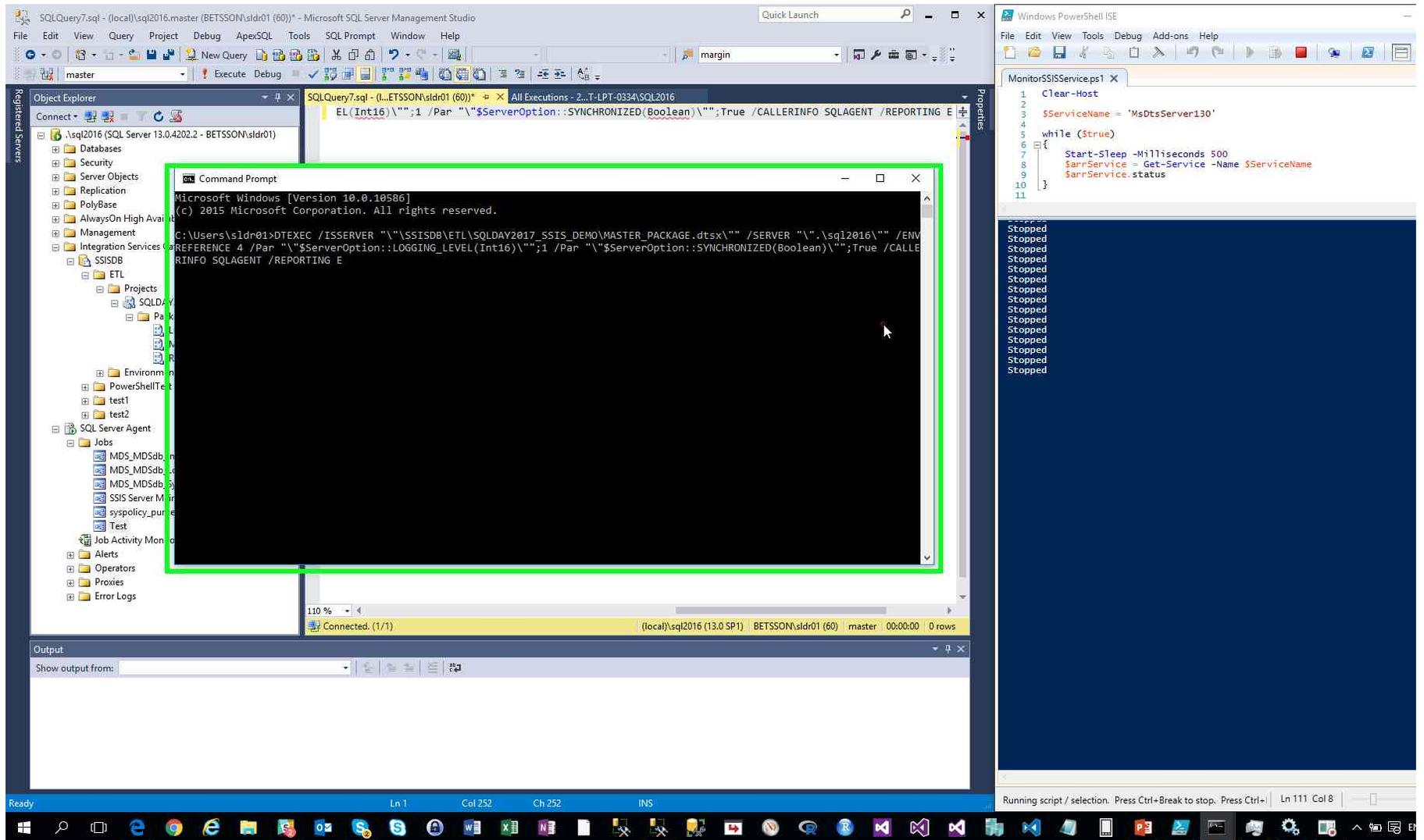
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Step 54: (2017-05-13 12:16:49 AM) User left click on "Paste (menu item)"

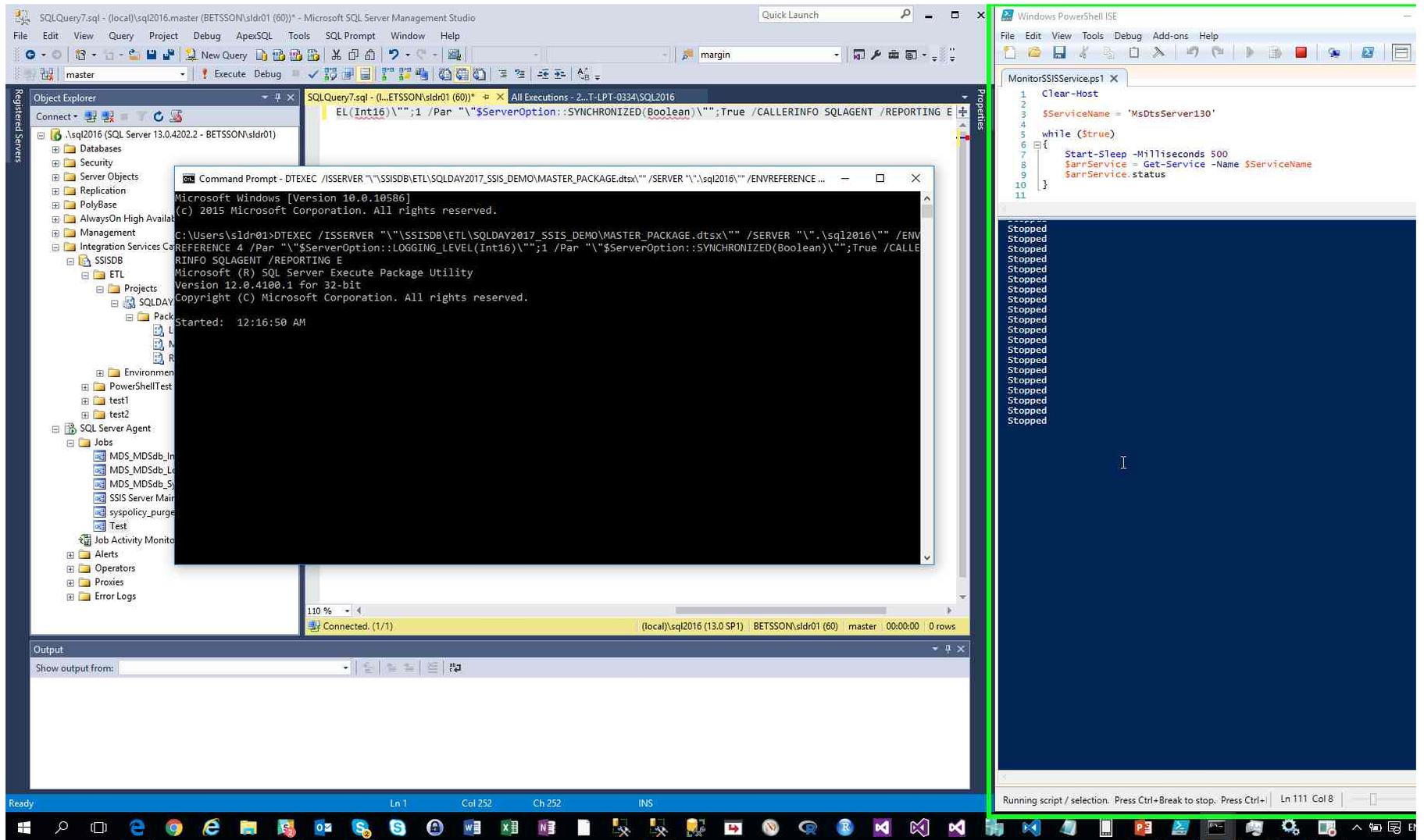


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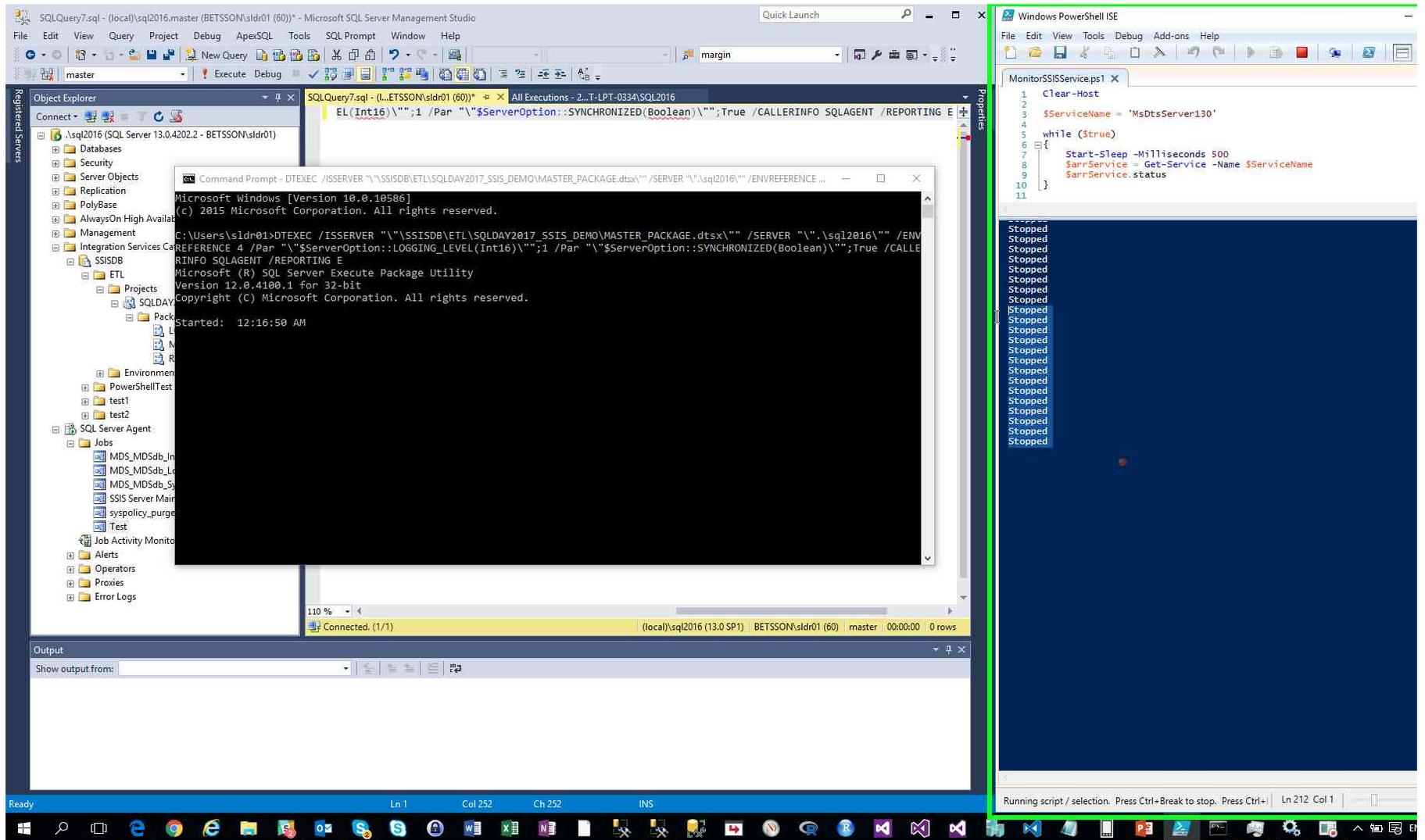
Step 55: (2017-05-13 12:16:50 AM) User keyboard input on "Command Prompt (window)" in "Command Prompt" [Enter]



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Step 56: (2017-05-13 12:16:53 AM) User mouse drag start on "PowerShell Tabs (tab)" in "Windows PowerShell ISE"

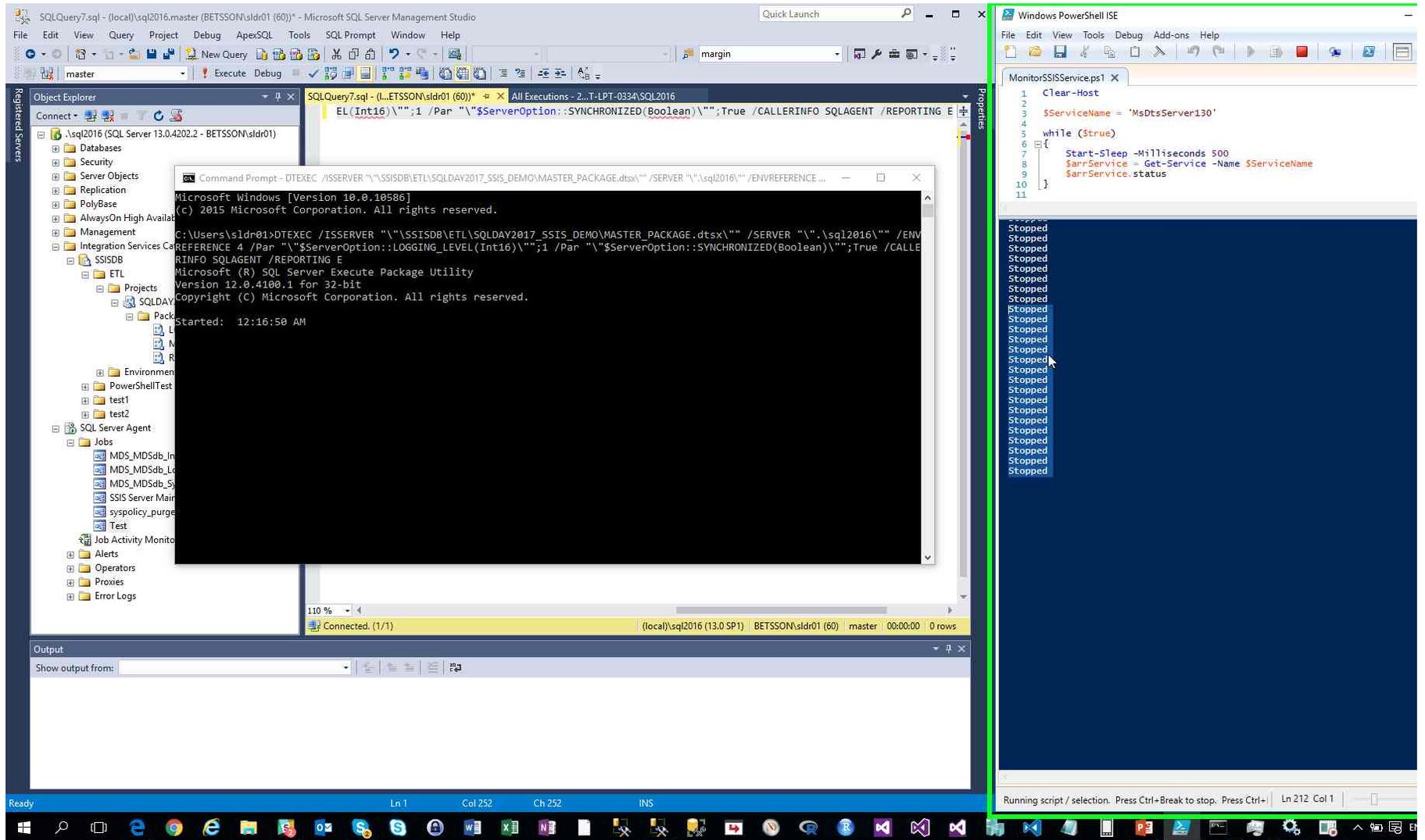


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Step 57: (2017-05-13 12:16:54 AM) User mouse drag end on "Windows PowerShell ISE Main Window (window)" in "Windows PowerShell ISE"

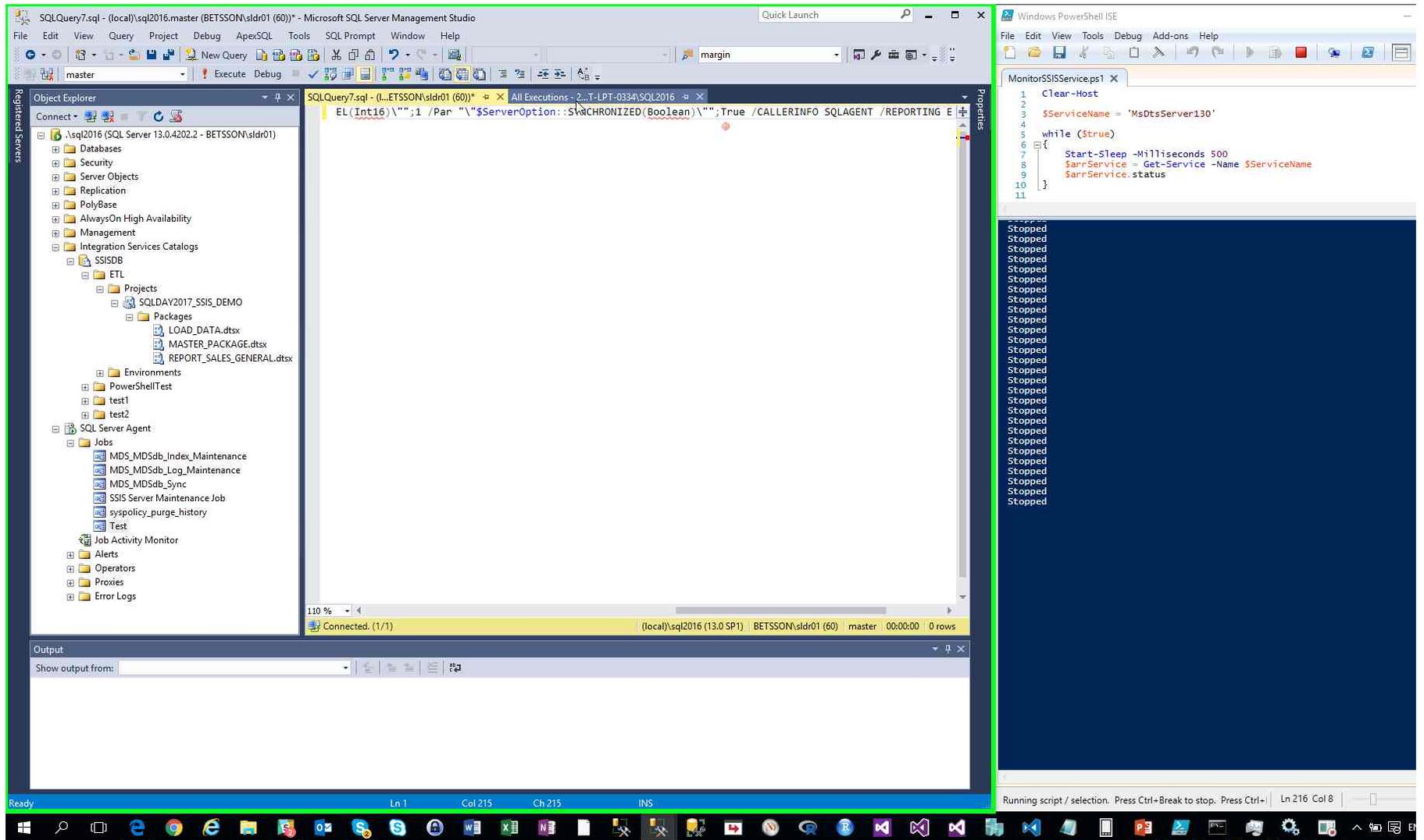


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Step 58: (2017-05-13 12:16:55 AM) User left click on "PowerShell Tabs (tab)" in "Windows PowerShell ISE"

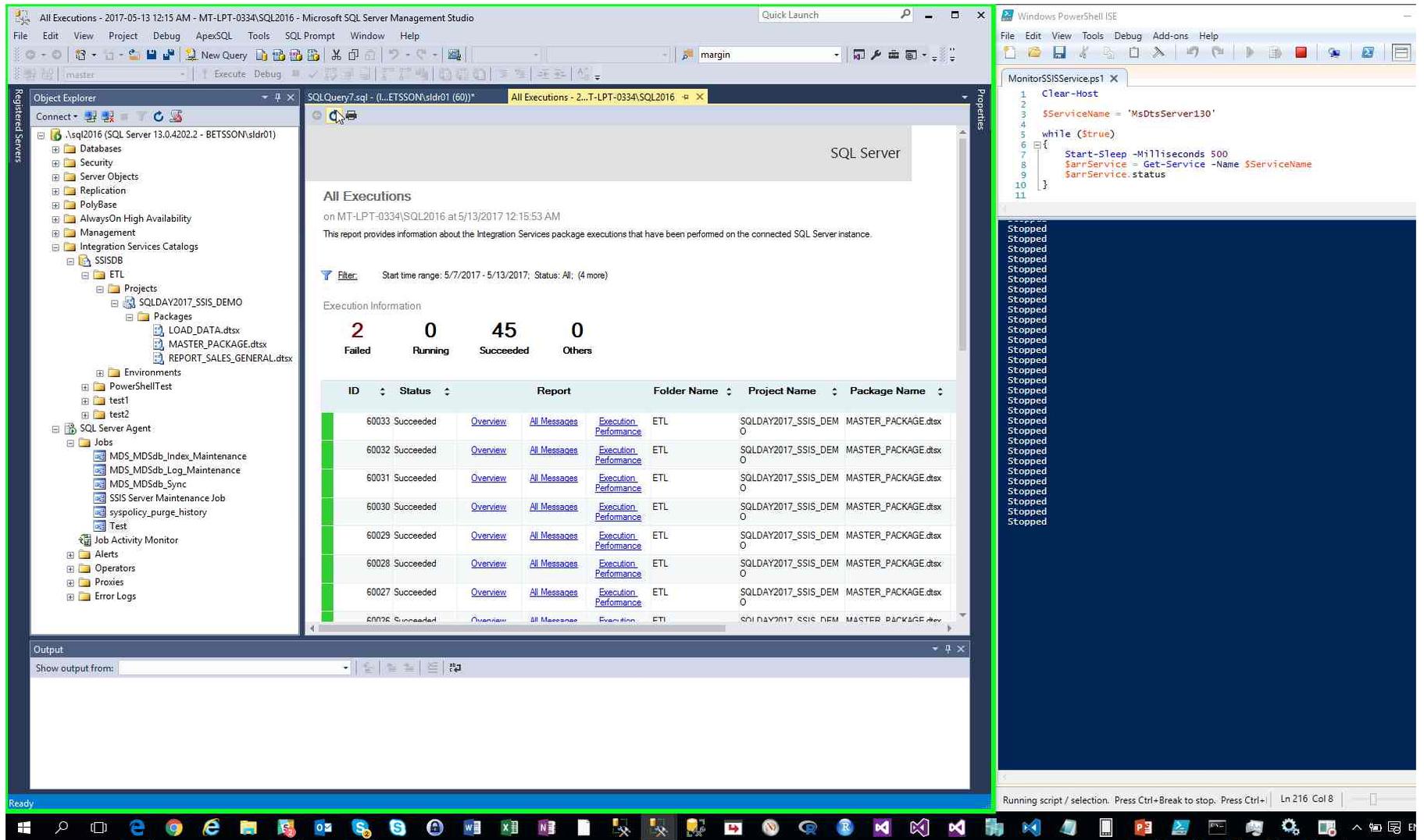


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Step 59: (2017-05-13 12:16:56 AM) User left click in "SQLQuery7.sql - (local)\sql2016.master (BETSSON\sldr01 (60))* - Microsoft SQL Server Management Studio"



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Step 61: (2017-05-13 12:16:58 AM) User left click on "Refresh (button)" in "All Executions - 2017-05-13 12:15 AM - MT-LPT-0334/SQL2016 - Microsoft SQL Server Management Studio"



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Step 62: (2017-05-13 12:17:04 AM) User mouse wheel down on "PowerShell Tabs (tab)" in "Windows PowerShell ISE"

The screenshot displays the Microsoft SQL Server Management Studio (SSMS) interface. The main window shows the 'All Executions' report for a SQL Server instance. The report includes a summary of execution statistics and a table of individual execution records.

Execution Summary:

- Failed: 2
- Running: 1
- Succeeded: 45
- Others: 0

Execution Information Table:

ID	Status	Report	Folder Name	Project Name	Package Name
60034	Running	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60033	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM	MASTER_PACKAGE.dtsx
60032	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM	MASTER_PACKAGE.dtsx
60031	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM	MASTER_PACKAGE.dtsx
60030	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM	MASTER_PACKAGE.dtsx
60029	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM	MASTER_PACKAGE.dtsx
60028	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM	MASTER_PACKAGE.dtsx
60027	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM	MASTER_PACKAGE.dtsx

The PowerShell console on the right shows a script named 'MonitorSSISService.ps1' with the following code:

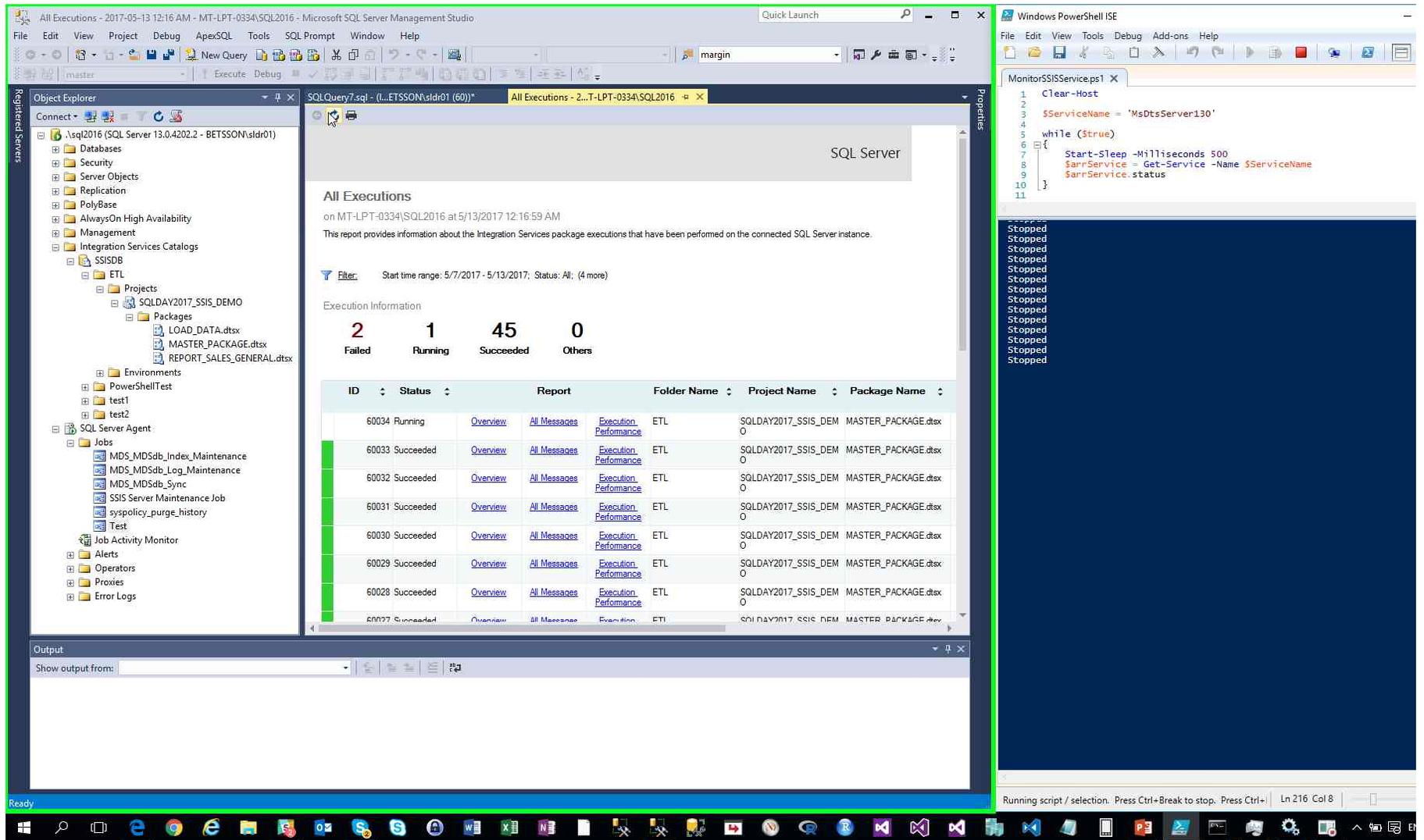
```

1 Clear-Host
2
3 $ServiceName = 'MsDtsServer130'
4
5 while ($true)
6 {
7     Start-Sleep -Milliseconds 500
8     $arrService = Get-Service -Name $ServiceName
9     $arrService.status
10 }
11
  
```

The console output shows a continuous stream of 'Stopped' messages, indicating that the service is not running.

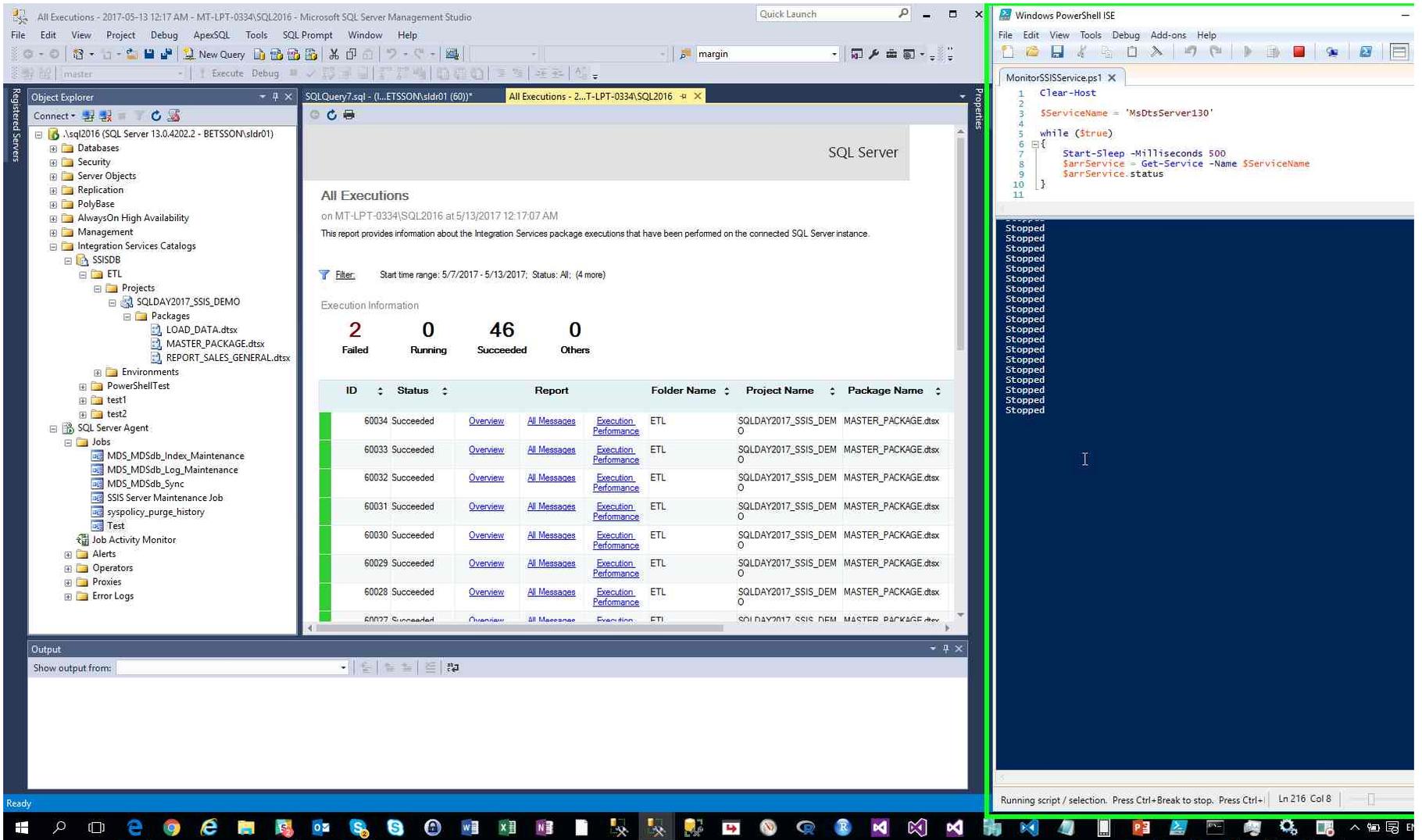
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Step 63: (2017-05-13 12:17:06 AM) User left click on "Refresh (button)" in "All Executions - 2017-05-13 12:16 AM - MT-LPT-0334/SQL2016 - Microsoft SQL Server Management Studio"



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Step 64: (2017-05-13 12:17:09 AM) User mouse wheel down on "PowerShell Tabs (tab)" in "Windows PowerShell ISE"



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Step 65: (2017-05-13 12:17:11 AM) User mouse drag start on "PowerShell Tabs (tab)" in "Windows PowerShell ISE"

Microsoft SQL Server Enterprise Manager - All Executions - 2017-05-13 12:17 AM - MT-LPT-0334\SQL2016

Windows PowerShell ISE - MonitorSSISService.ps1

```

1 Clear-Host
2
3 $ServiceName = 'MsDtsServer130'
4
5 while ($true)
6 {
7     Start-Sleep -Milliseconds 500
8     $arrService = Get-Service -Name $ServiceName
9     $arrService.status
10 }
11

```

Output:

```

Stopped

```

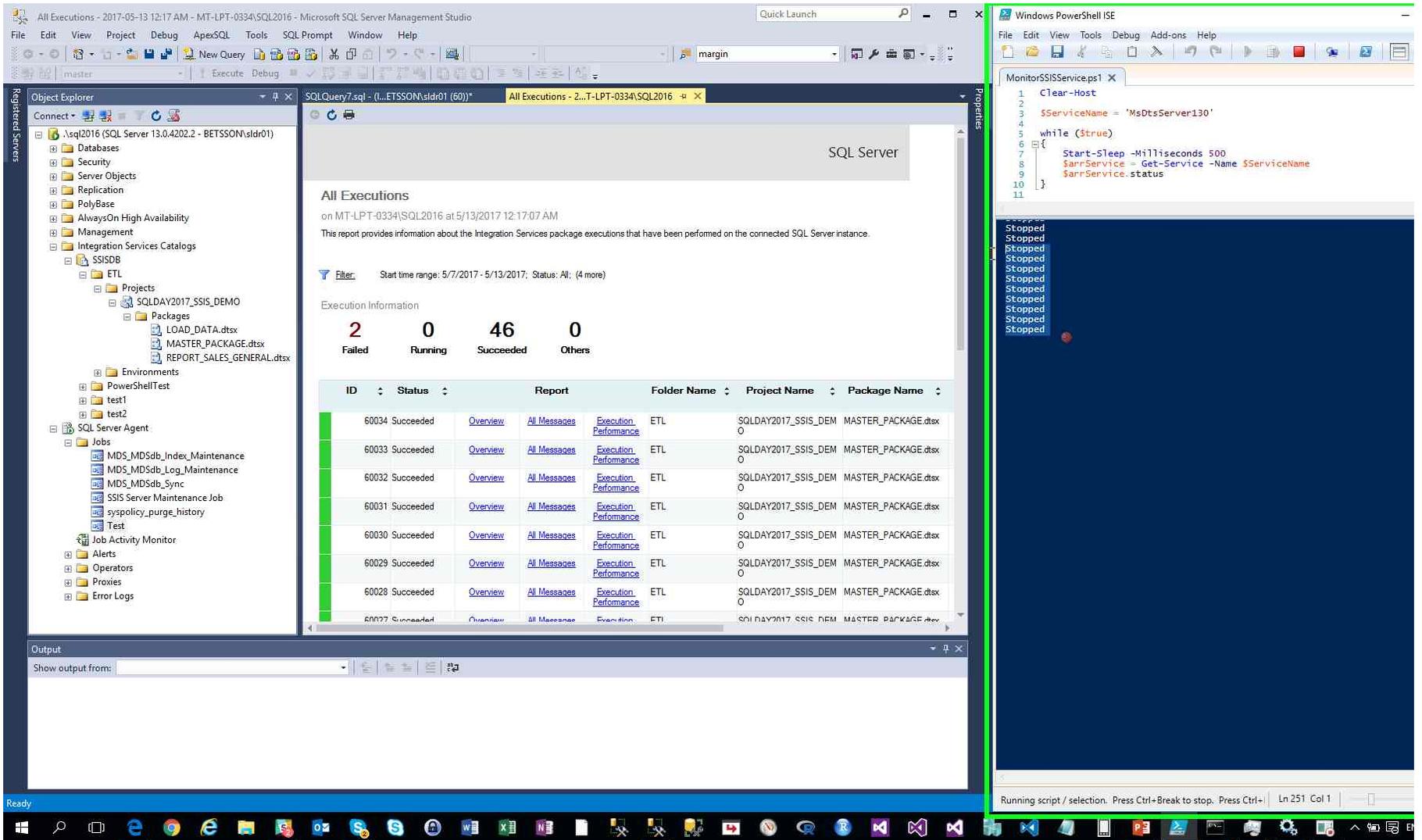
Execution Information

2 Failed 0 Running 46 Succeeded 0 Others

ID	Status	Report	Folder Name	Project Name	Package Name
60034	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60033	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60032	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60031	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60030	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60029	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60028	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60027	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx

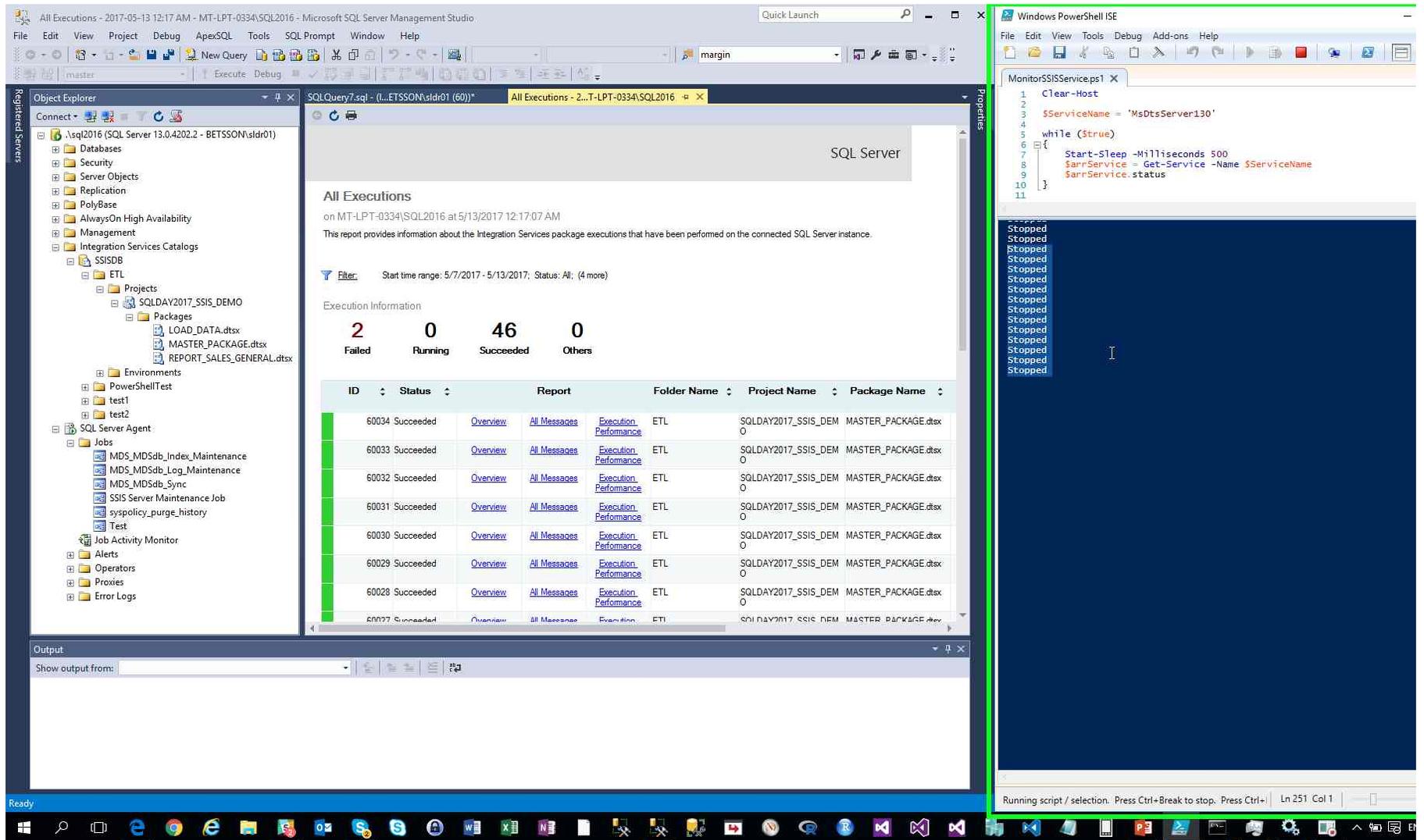
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Step 66: (2017-05-13 12:17:11 AM) User mouse drag end on "Windows PowerShell ISE Main Window (window)" in "Windows PowerShell ISE"



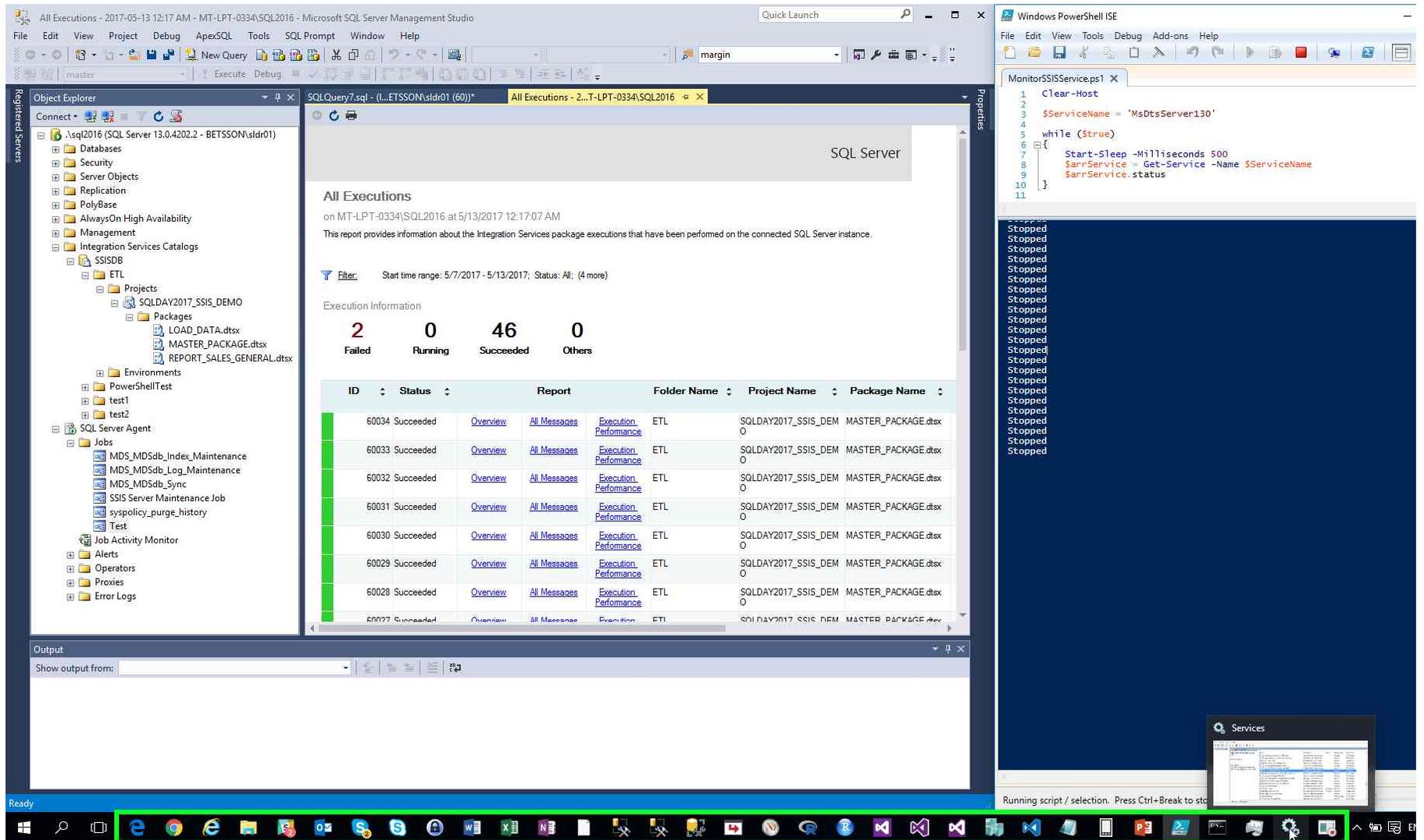
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Step 67: (2017-05-13 12:17:13 AM) User left click on "PowerShell Tabs (tab)" in "Windows PowerShell ISE"



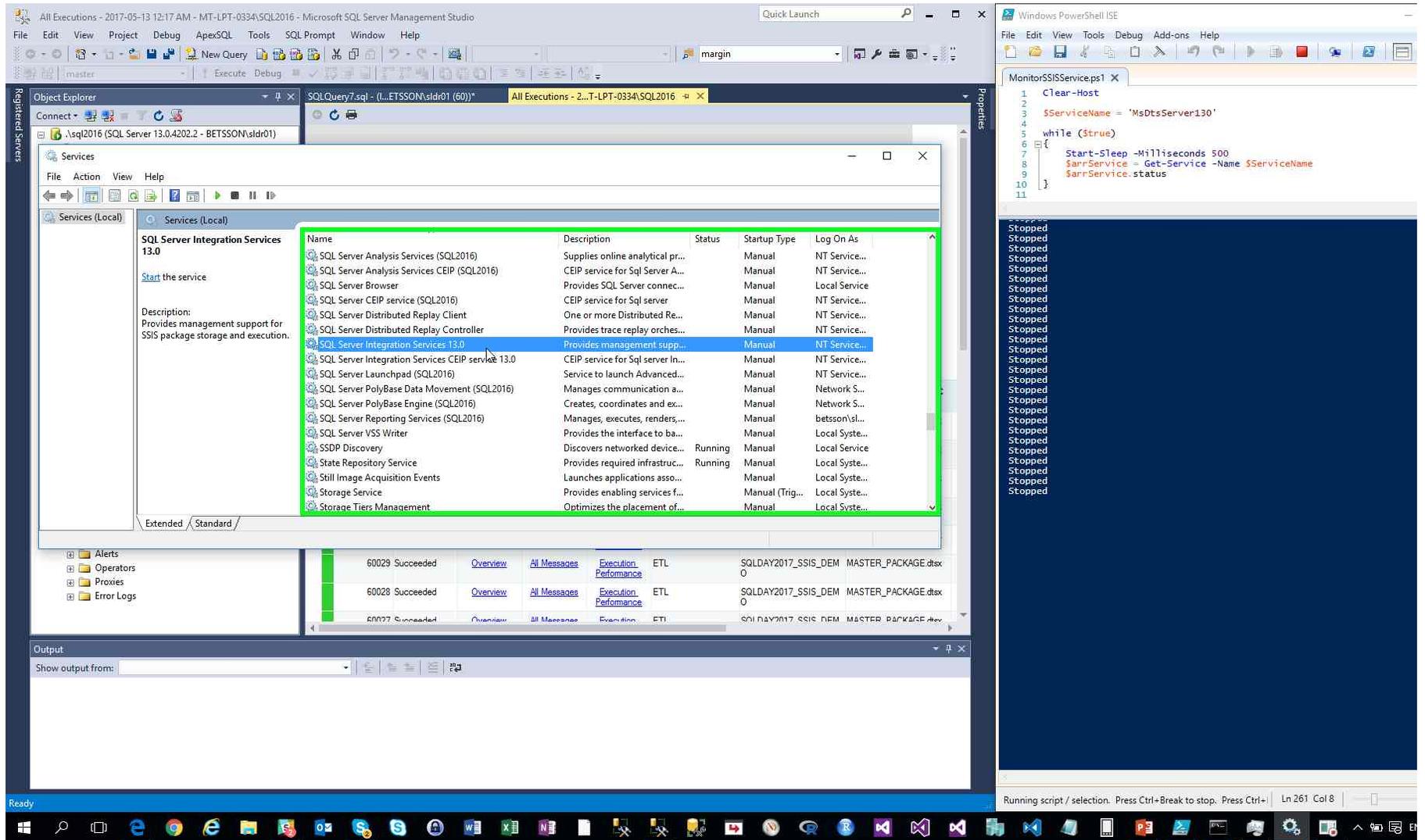
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Step 68: (2017-05-13 12:17:17 AM) User left click on "Services (button)"



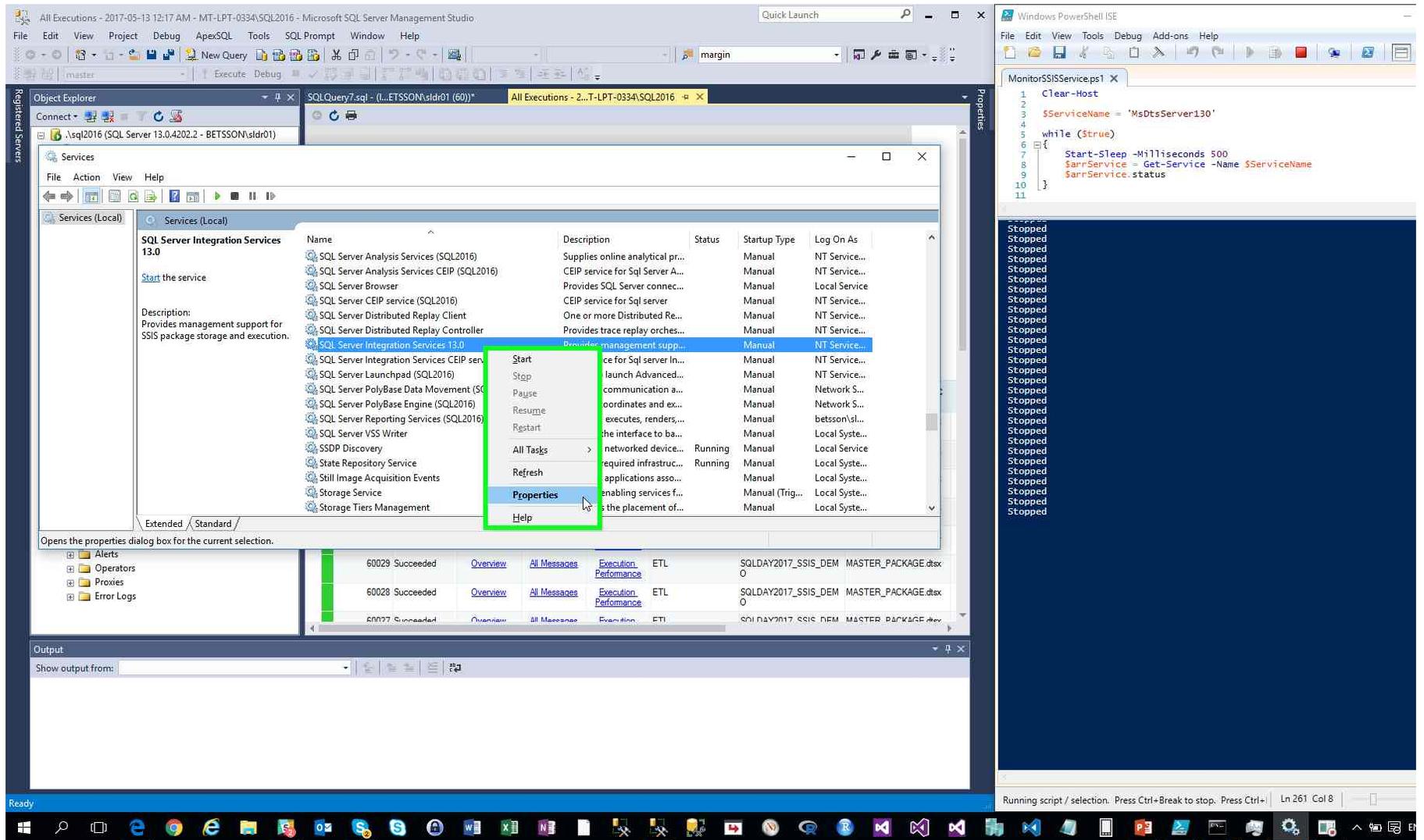
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Step 69: (2017-05-13 12:17:19 AM) User right click on "SQL Server Integration Services 13.0 (edit)" in "Services"

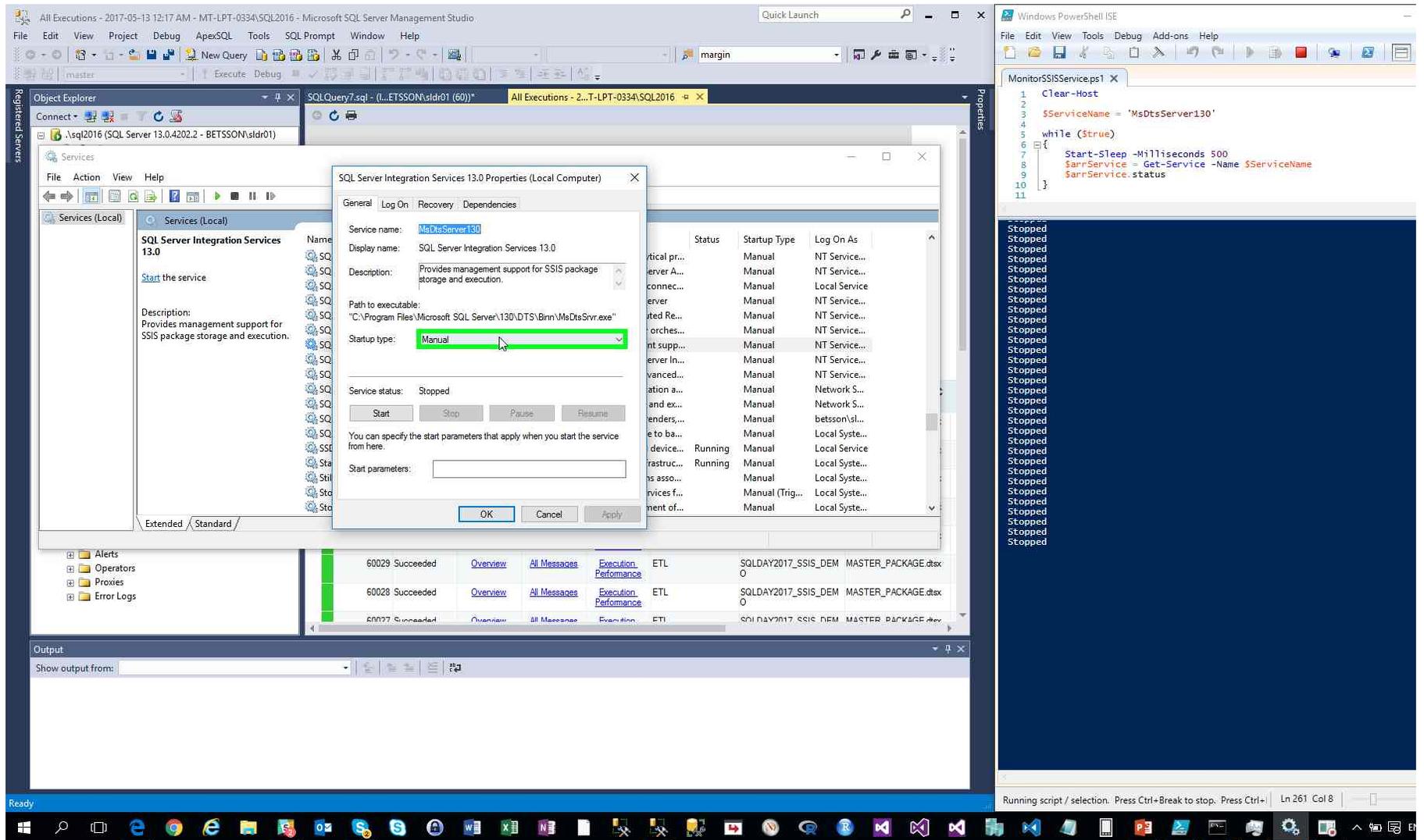


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Step 70: (2017-05-13 12:17:20 AM) User left click on "Properties (menu item)"

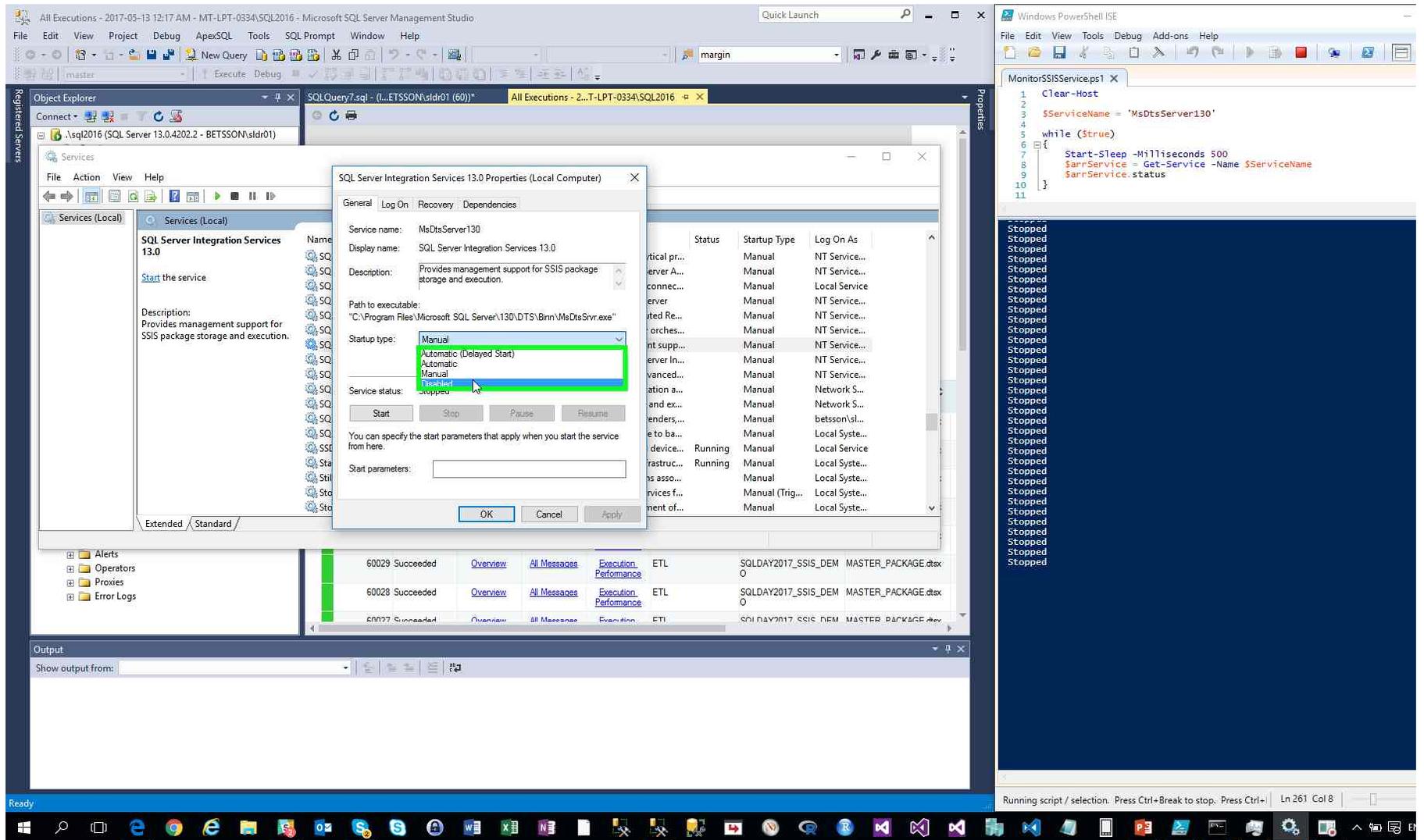


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Step 71: (2017-05-13 12:17:21 AM) User left click on "Startup type: (combo box)" in "SQL Server Integration Services 13.0 Properties (Local Computer)"

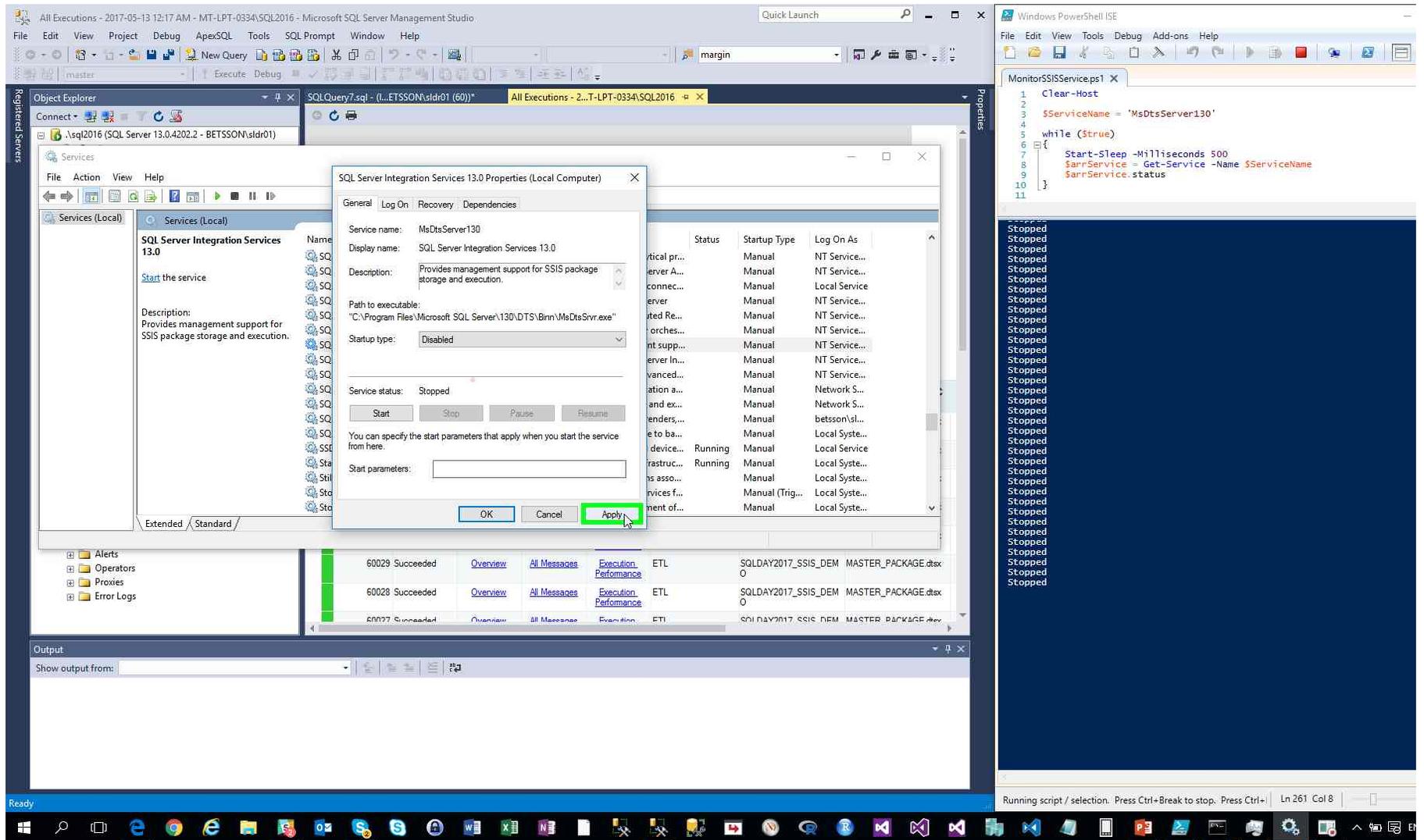


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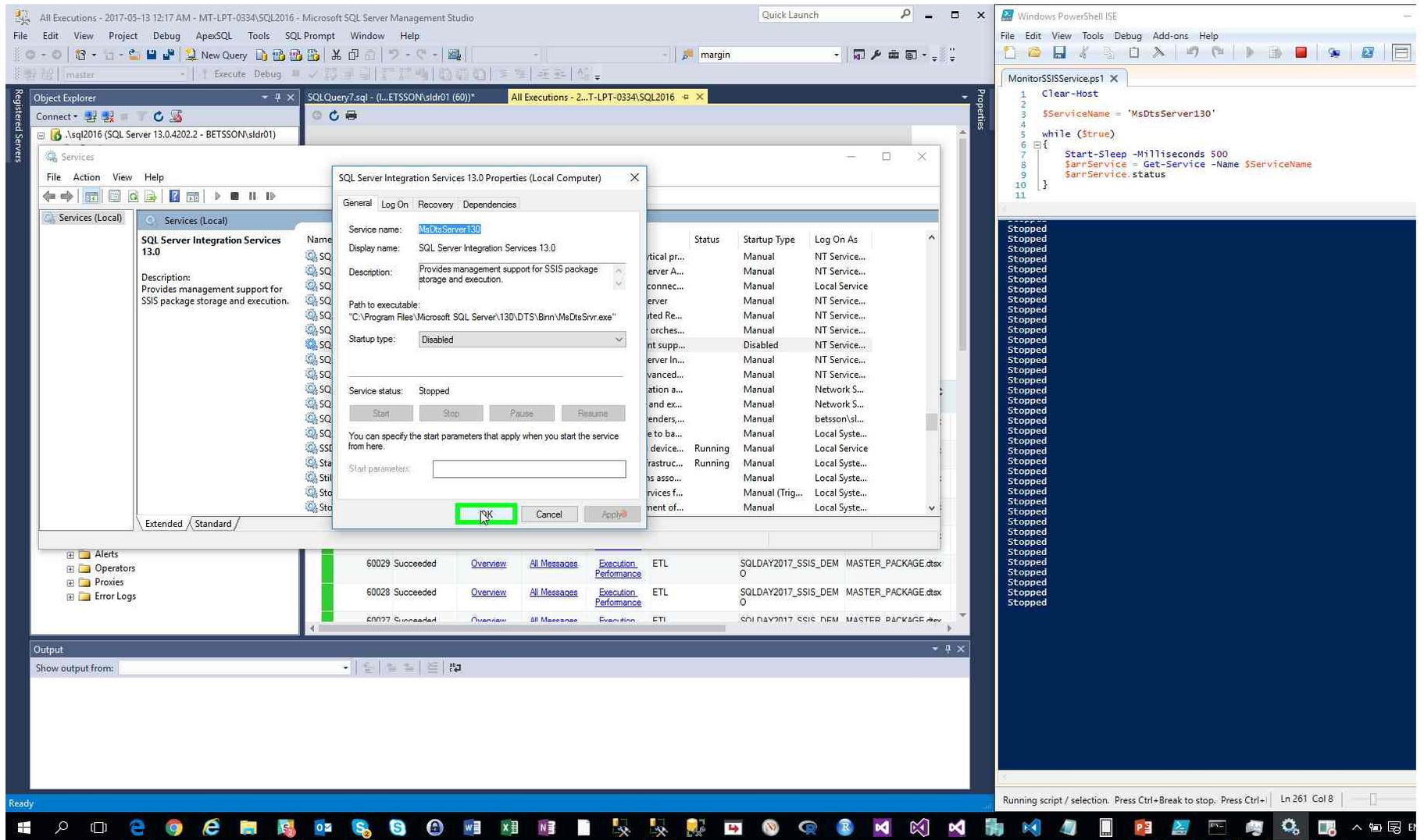
Step 72: (2017-05-13 12:17:23 AM) User left click on "Disabled (list item)"



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Step 73: (2017-05-13 12:17:24 AM) User left click on "Apply (button)" in "SQL Server Integration Services 13.0 Properties (Local Computer)"

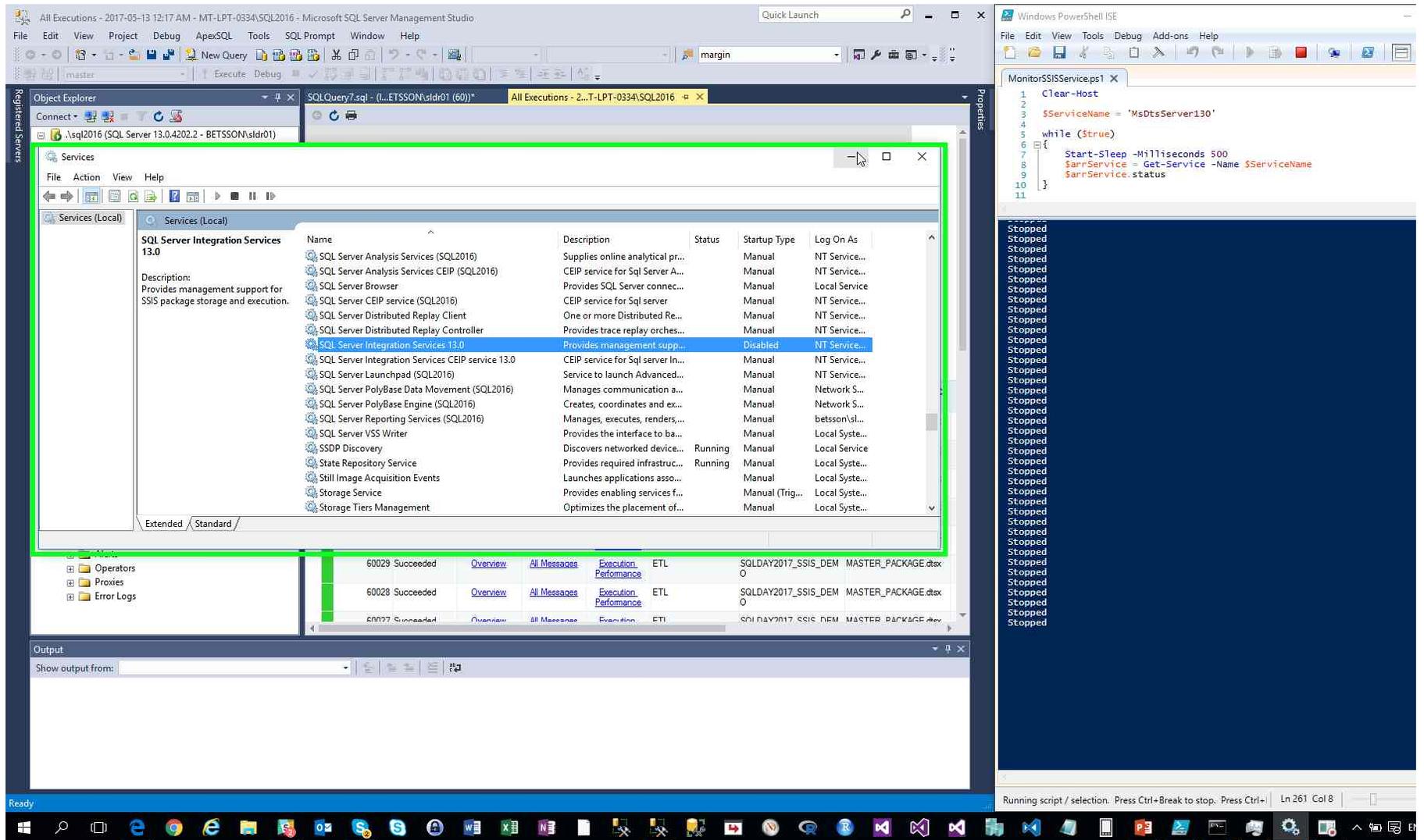


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Step 74: (2017-05-13 12:17:24 AM) User left click on "OK (button)" in "SQL Server Integration Services 13.0 Properties (Local Computer)"

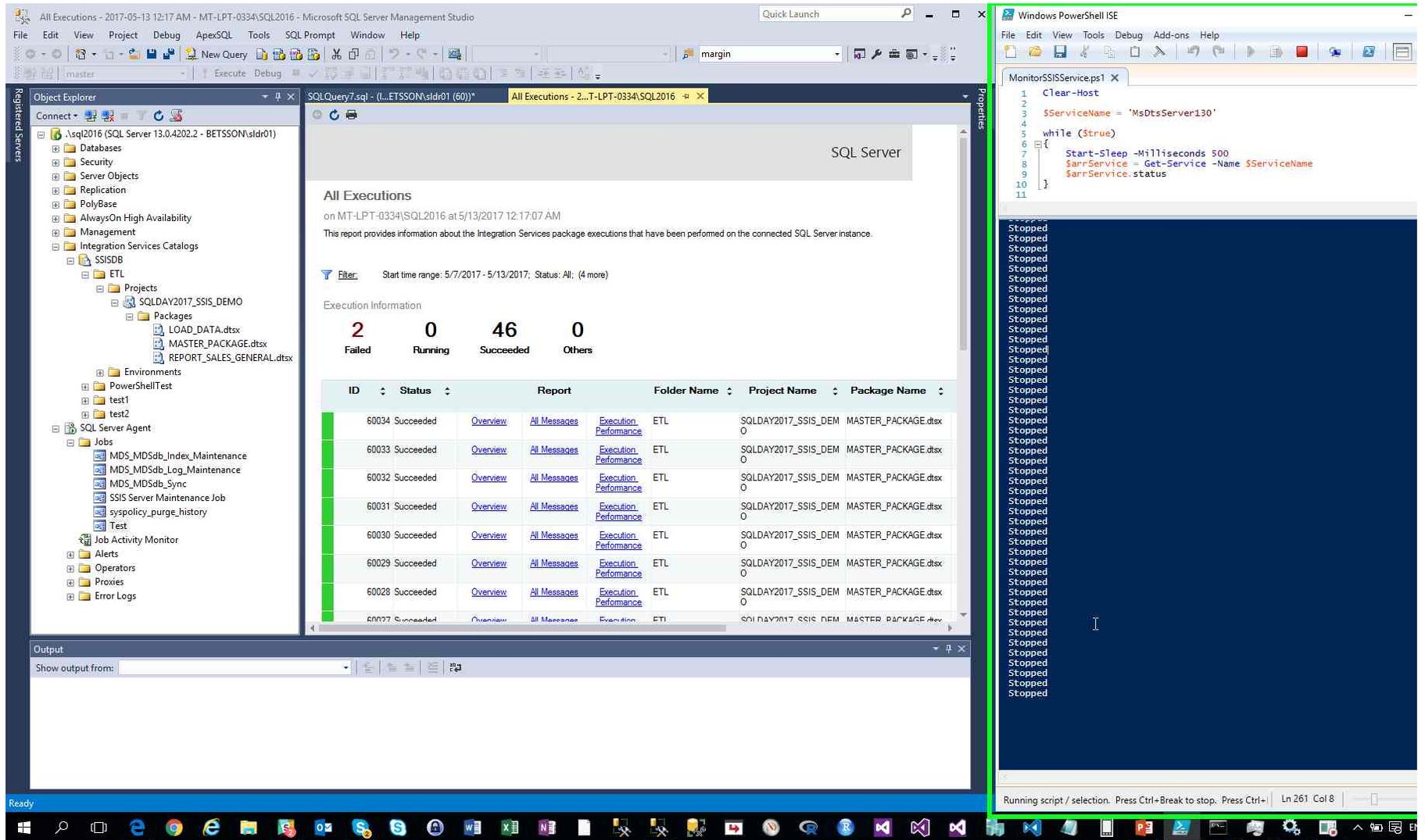


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Step 75: (2017-05-13 12:17:26 AM) User left click on "Minimize (button)" in "Services"



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Step 76: (2017-05-13 12:17:29 AM) User left click on "PowerShell Tabs (tab)" in "Windows PowerShell ISE"



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Step 77: (2017-05-13 12:17:29 AM) User mouse wheel down on "PowerShell Tabs (tab)" in "Windows PowerShell ISE"

The screenshot displays the Microsoft SQL Server Management Studio (SSMS) interface. The main window shows the 'All Executions' report for a SQL Server instance. The report includes a summary of execution statistics and a table of execution details.

Execution Information Summary:

Failed	Running	Succeeded	Others
2	0	46	0

Execution Information Table:

ID	Status	Report	Folder Name	Project Name	Package Name
60034	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SSI5_DEM O	MASTER_PACKAGE.dtsx
60033	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SSI5_DEM	MASTER_PACKAGE.dtsx
60032	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SSI5_DEM	MASTER_PACKAGE.dtsx
60031	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SSI5_DEM	MASTER_PACKAGE.dtsx
60030	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SSI5_DEM	MASTER_PACKAGE.dtsx
60029	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SSI5_DEM	MASTER_PACKAGE.dtsx
60028	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SSI5_DEM	MASTER_PACKAGE.dtsx
60027	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SSI5_DEM	MASTER_PACKAGE.dtsx

The Windows PowerShell ISE window on the right shows a script for monitoring SSIS services:

```

1 Clear-Host
2
3 $ServiceName = 'MsDtsServer130'
4
5 while ($true)
6 {
7     Start-Sleep -Milliseconds 500
8     $arrService = Get-Service -Name $ServiceName
9     $arrService.status
10 }
11
  
```

The PowerShell window output shows a continuous stream of 'Stopped' messages, indicating that the SSIS service is not running.

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Step 78: (2017-05-13 12:17:32 AM) User right click on "Test (tree item)" in "All Executions - 2017-05-13 12:17 AM - MT-LPT-0334/SQL2016 - Microsoft SQL Server Management Studio"

The screenshot displays the Microsoft SQL Server Enterprise Manager interface. The main window shows the 'All Executions' report for a SQL Server instance. The report provides information about the Integration Services package executions that have been performed on the connected SQL Server instance.

Execution Summary:

- Failed: 2
- Running: 0
- Succeeded: 46
- Others: 0

Execution Information Table:

ID	Status	Report	Folder Name	Project Name	Package Name
60034	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60033	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM	MASTER_PACKAGE.dtsx
60032	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM	MASTER_PACKAGE.dtsx
60031	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM	MASTER_PACKAGE.dtsx
60030	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM	MASTER_PACKAGE.dtsx
60029	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM	MASTER_PACKAGE.dtsx
60028	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM	MASTER_PACKAGE.dtsx
60027	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM	MASTER_PACKAGE.dtsx

On the right side of the screen, a Windows PowerShell ISE window is open, displaying a script named 'MonitorSSISService.ps1'. The script is designed to monitor the status of a specific SSIS service. The script content is as follows:

```

1 Clear-Host
2 $ServiceName = 'MsDtsServer130'
3
4 while ($true)
5 {
6     Start-Sleep -Milliseconds 500
7     $arrService = Get-Service -Name $ServiceName
8     $arrService.status
9 }
10
11

```

The PowerShell console output shows a series of 'Stopped' messages, indicating that the service is not running.

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Step 79: (2017-05-13 12:17:33 AM) User left click on "Start Job at Step..." (menu item)"

The screenshot displays two windows side-by-side. The left window is Microsoft SQL Server Enterprise Manager, showing the 'All Executions' report for a specific SQL Server instance. A context menu is open over a job in the 'Jobs' folder, with 'Start Job at Step...' selected. The right window is Windows PowerShell ISE, showing a script that monitors the status of SSIS services. The script uses a while loop to check the status of a service named 'MsDtsServer130' and prints the status. The output pane shows a list of 'Stopped' services.

Execution Information Summary:

Failed	Running	Succeeded	Others
2	0	46	0

Execution Information Table:

ID	Status	Report	Folder Name	Project Name	Package Name
60034	Succeeded	Overview, All Messages, Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60033	Succeeded	Overview, All Messages, Execution Performance	ETL	SQLDAY2017_SIS_DEM	MASTER_PACKAGE.dtsx
60032	Succeeded	Overview, All Messages, Execution Performance	ETL	SQLDAY2017_SIS_DEM	MASTER_PACKAGE.dtsx
60031	Succeeded	Overview, All Messages, Execution Performance	ETL	SQLDAY2017_SIS_DEM	MASTER_PACKAGE.dtsx
60030	Succeeded	Overview, All Messages, Execution Performance	ETL	SQLDAY2017_SIS_DEM	MASTER_PACKAGE.dtsx
60029	Succeeded	Overview, All Messages, Execution Performance	ETL	SQLDAY2017_SIS_DEM	MASTER_PACKAGE.dtsx
60028	Succeeded	Overview, All Messages, Execution Performance	ETL	SQLDAY2017_SIS_DEM	MASTER_PACKAGE.dtsx
60027	Succeeded	Overview, All Messages, Execution Performance	ETL	SQLDAY2017_SIS_DEM	MASTER_PACKAGE.dtsx

PowerShell Script:

```

1 Clear-Host
2 $ServiceName = 'MsDtsServer130'
3
4 while ($true)
5 {
6     Start-Sleep -Milliseconds 500
7     $arrService = Get-Service -Name $ServiceName
8     $arrService.status
9 }
10
11

```

PowerShell Output:

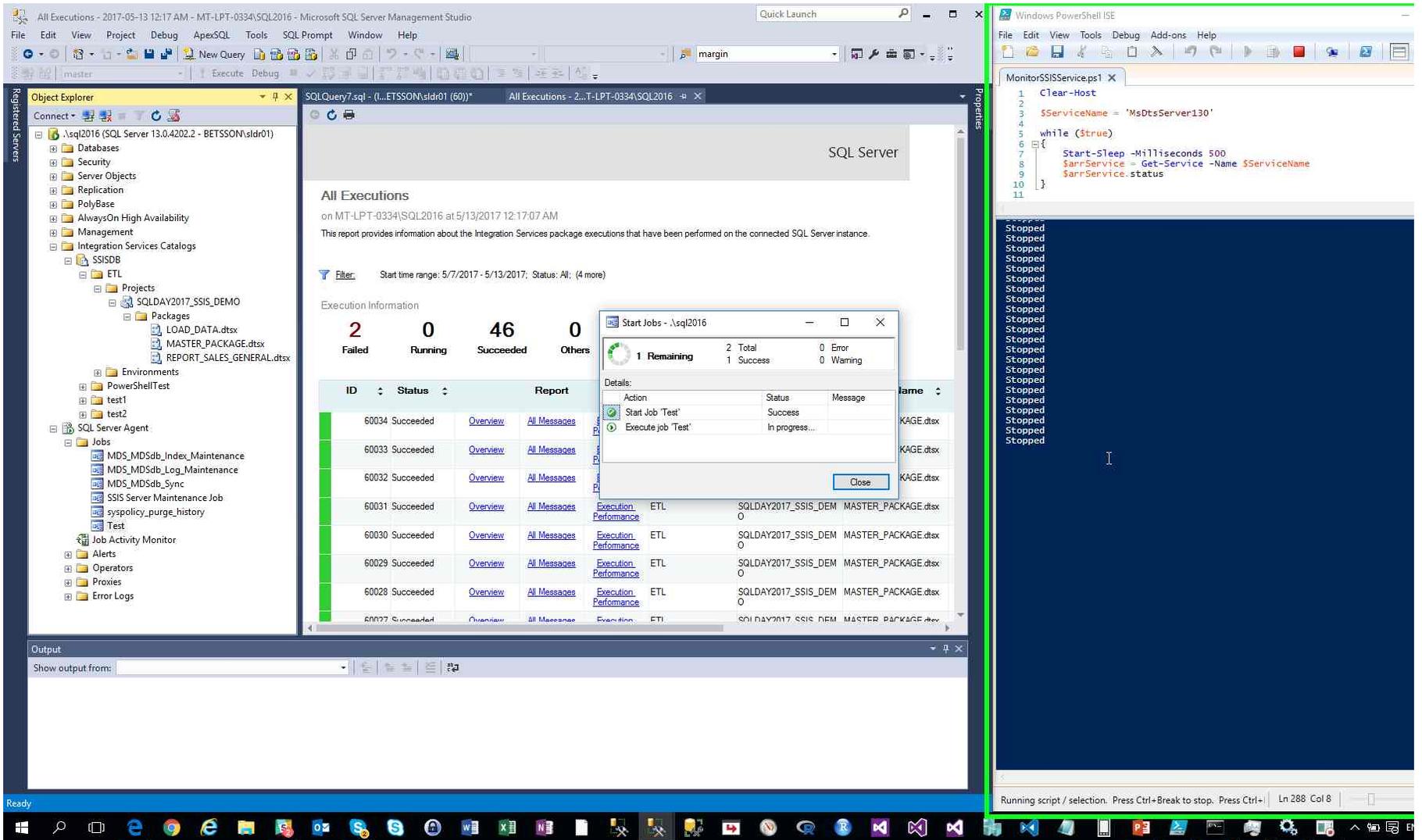
```

Stopped

```

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Step 80: (2017-05-13 12:17:38 AM) User mouse drag start on "PowerShell Tabs (tab)" in "Windows PowerShell ISE"



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Step 81: (2017-05-13 12:17:38 AM) User mouse drag end on "PowerShell Tabs (tab)" in "Windows PowerShell ISE"

The screenshot displays the Microsoft SQL Server Management Studio (SSMS) interface. The main window shows the 'All Executions' report for a SQL Server instance. The report includes a summary of execution statistics and a table of individual execution records. A 'Start Jobs' dialog box is overlaid on the table, and a Windows PowerShell ISE window is open on the right side of the screen.

Execution Summary:

Failed	Running	Succeeded	Others
2	0	46	0

Execution Information: on MT-LPT-0334\SQL2016 at 5/13/2017 12:17:07 AM

This report provides information about the Integration Services package executions that have been performed on the connected SQL Server instance.

Execution Information Table:

ID	Status	Report	Package	Task	Server	Instance	Package Name
60034	Succeeded	Overview All Messages	ETL	SQLDAY2017_SIS_DEM	MASTER_PACKAGE.dtsx	0	MASTER_PACKAGE.dtsx
60033	Succeeded	Overview All Messages	ETL	SQLDAY2017_SIS_DEM	MASTER_PACKAGE.dtsx	0	MASTER_PACKAGE.dtsx
60032	Succeeded	Overview All Messages	ETL	SQLDAY2017_SIS_DEM	MASTER_PACKAGE.dtsx	0	MASTER_PACKAGE.dtsx
60031	Succeeded	Overview All Messages	ETL	SQLDAY2017_SIS_DEM	MASTER_PACKAGE.dtsx	0	MASTER_PACKAGE.dtsx
60030	Succeeded	Overview All Messages	ETL	SQLDAY2017_SIS_DEM	MASTER_PACKAGE.dtsx	0	MASTER_PACKAGE.dtsx
60029	Succeeded	Overview All Messages	ETL	SQLDAY2017_SIS_DEM	MASTER_PACKAGE.dtsx	0	MASTER_PACKAGE.dtsx
60028	Succeeded	Overview All Messages	ETL	SQLDAY2017_SIS_DEM	MASTER_PACKAGE.dtsx	0	MASTER_PACKAGE.dtsx
60027	Succeeded	Overview All Messages	ETL	SQLDAY2017_SIS_DEM	MASTER_PACKAGE.dtsx	0	MASTER_PACKAGE.dtsx

Start Jobs Dialog Box:

Action	Status	Message
Start Job 'Test'	Success	
Execute job 'Test'	In progress...	

Windows PowerShell ISE:

```

1 Clear-Host
2
3 $ServiceName = 'MsDtsServer130'
4
5 while ($true)
6 {
7     Start-Sleep -Milliseconds 500
8     $arrService = Get-Service -Name $ServiceName
9     $arrService.status
10 }
11
  
```

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Step 82: (2017-05-13 12:17:40 AM) User left double click on "Refresh (button)" in "All Executions - 2017-05-13 12:17 AM - MT-LPT-0334\SQL2016 - Microsoft SQL Server Management Studio"

The screenshot displays the Microsoft SQL Server Management Studio (SSMS) interface. The main window shows the 'All Executions' report for a SQL Server instance. The report includes a summary of execution statistics and a table of individual execution records.

Execution Summary:

- Failed: 2
- Running: 1
- Succeeded: 46
- Others: 0

Execution Information Table:

ID	Status	Report	Folder Name	Project Name	Package Name
60035	Running	Overview All Messages Execution Performance	ETL	SQLDAY2017_SSI5_DEM O	MASTER_PACKAGE.dtsx
60034	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SSI5_DEM	MASTER_PACKAGE.dtsx
60033	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SSI5_DEM	MASTER_PACKAGE.dtsx
60032	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SSI5_DEM O	MASTER_PACKAGE.dtsx
60031	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SSI5_DEM O	MASTER_PACKAGE.dtsx
60030	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SSI5_DEM O	MASTER_PACKAGE.dtsx
60029	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SSI5_DEM O	MASTER_PACKAGE.dtsx
60028	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SSI5_DEM	MASTER_PACKAGE.dtsx

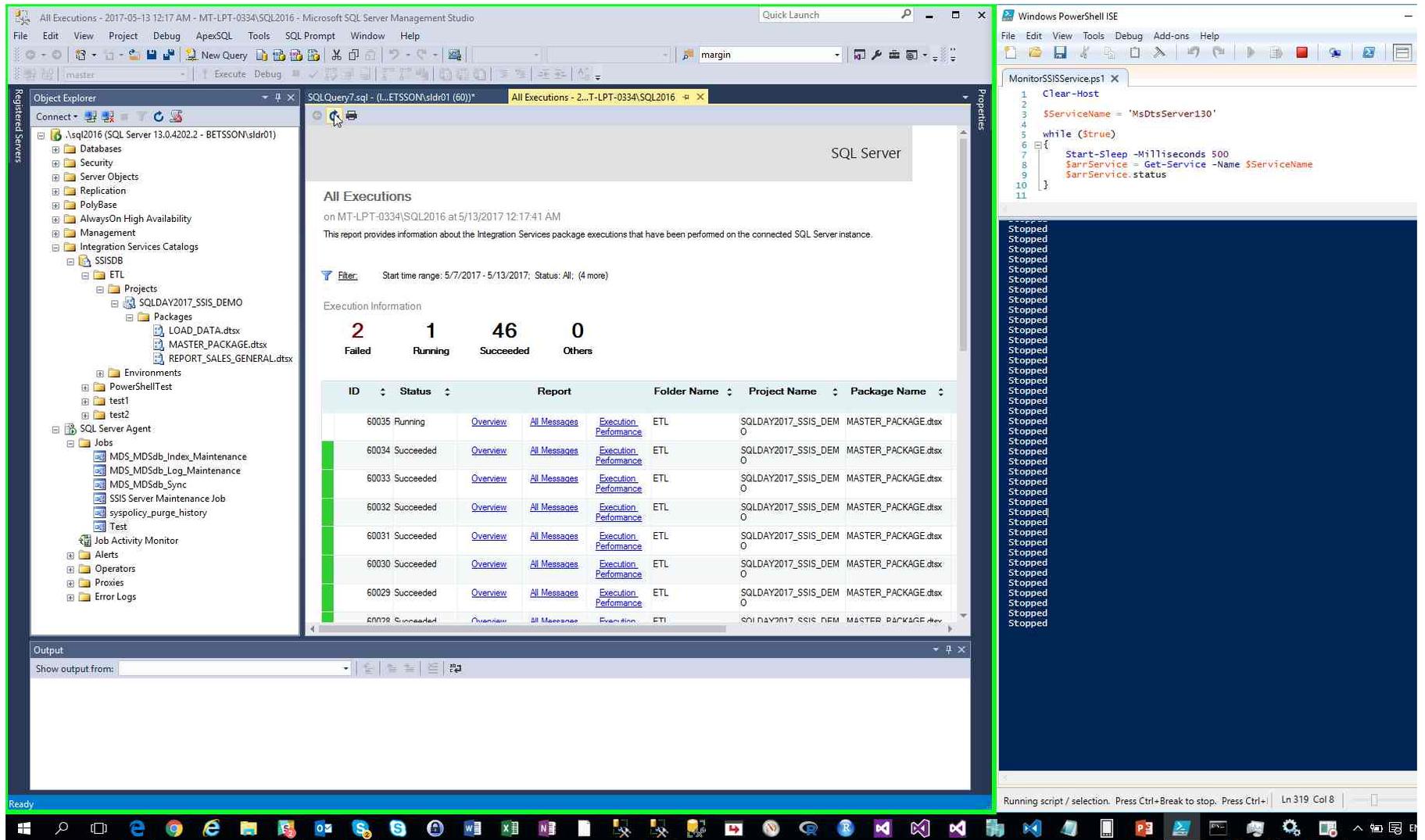
The PowerShell console on the right shows a script for monitoring SSIS services:

```

1 Clear-Host
2
3 $ServiceName = 'MsDtsServer130'
4
5 while ($true)
6 {
7     Start-Sleep -Milliseconds 500
8     $arrService = Get-Service -Name $ServiceName
9     $arrService.status
10 }
11
  
```

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Step 84: (2017-05-13 12:17:47 AM) User left click on "Refresh (button)" in "All Executions - 2017-05-13 12:17 AM - MT-LPT-0334/SQL2016 - Microsoft SQL Server Management Studio"



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Step 85: (2017-05-13 12:17:49 AM) User left click on "PowerShell Tabs (tab)" in "Windows PowerShell ISE"

The screenshot displays two windows side-by-side. The left window is Microsoft SQL Server Enterprise Manager (SSMS) showing the 'All Executions' report for a SQL Server instance. The right window is Windows PowerShell ISE running a script to monitor SSIS services.

SSMS - All Executions Report

on MT-LPT-0334\SQL2016 at 5/13/2017 12:17:48 AM
 This report provides information about the Integration Services package executions that have been performed on the connected SQL Server instance.

Filter: Start time range: 5/7/2017 - 5/13/2017; Status: All; (4 more)

Execution Information

Failed	Running	Succeeded	Others
2	1	46	0

Table with 7 columns: ID, Status, Report, Folder Name, Project Name, Package Name. The table lists individual execution records with their IDs, statuses (Running, Succeeded), and associated folder, project, and package names.

PowerShell ISE - MonitorSSISService.ps1

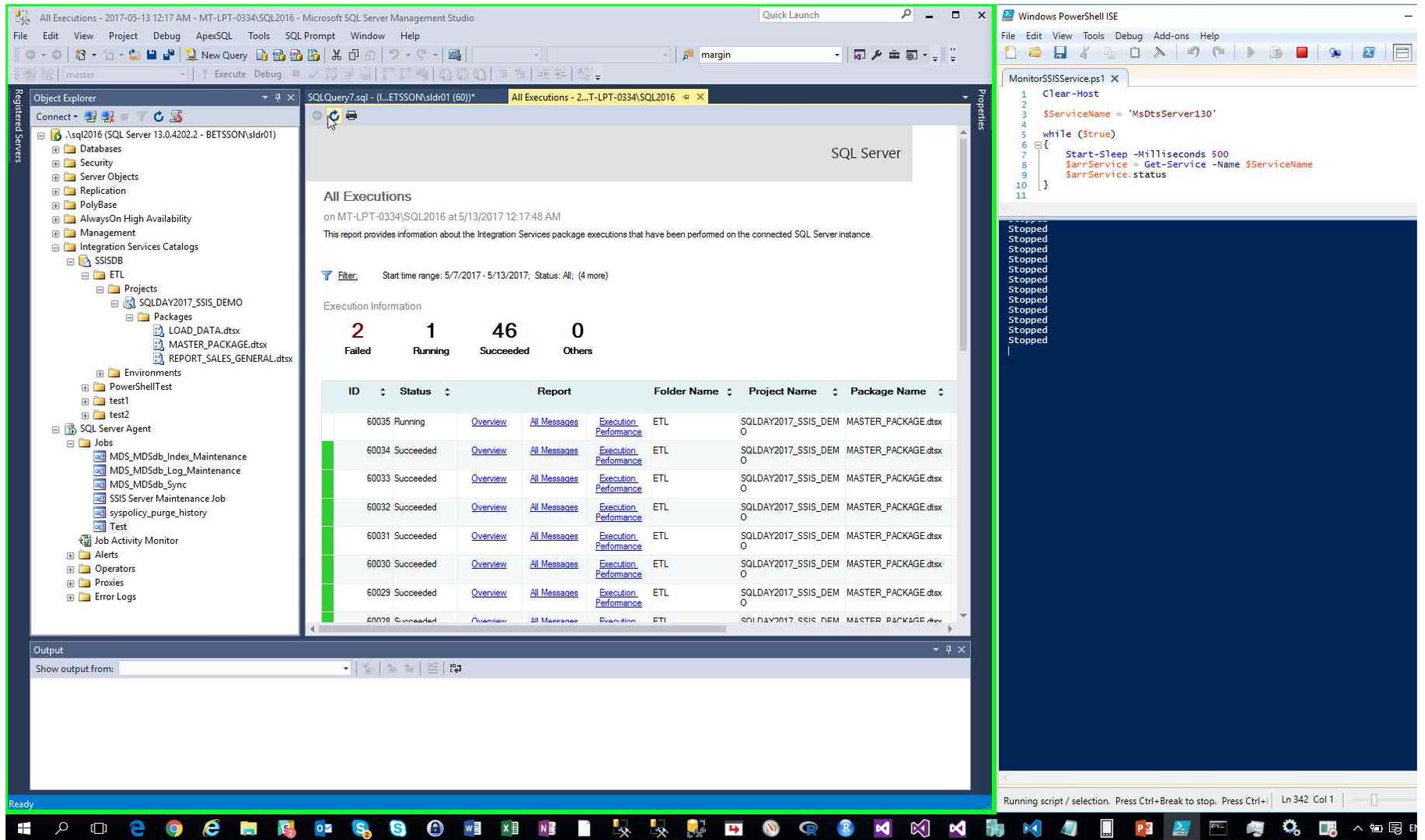
```

1 Clear-Host
2
3 $ServiceName = 'MsDtsServer130'
4
5 while ($true)
6 {
7     Start-Sleep -Milliseconds 500
8     $arrService = Get-Service -Name $ServiceName
9     $arrService.status
10 }
11
  
```

The PowerShell ISE output pane shows a continuous stream of 'Stopped' status messages, indicating that the SSIS services are not running.

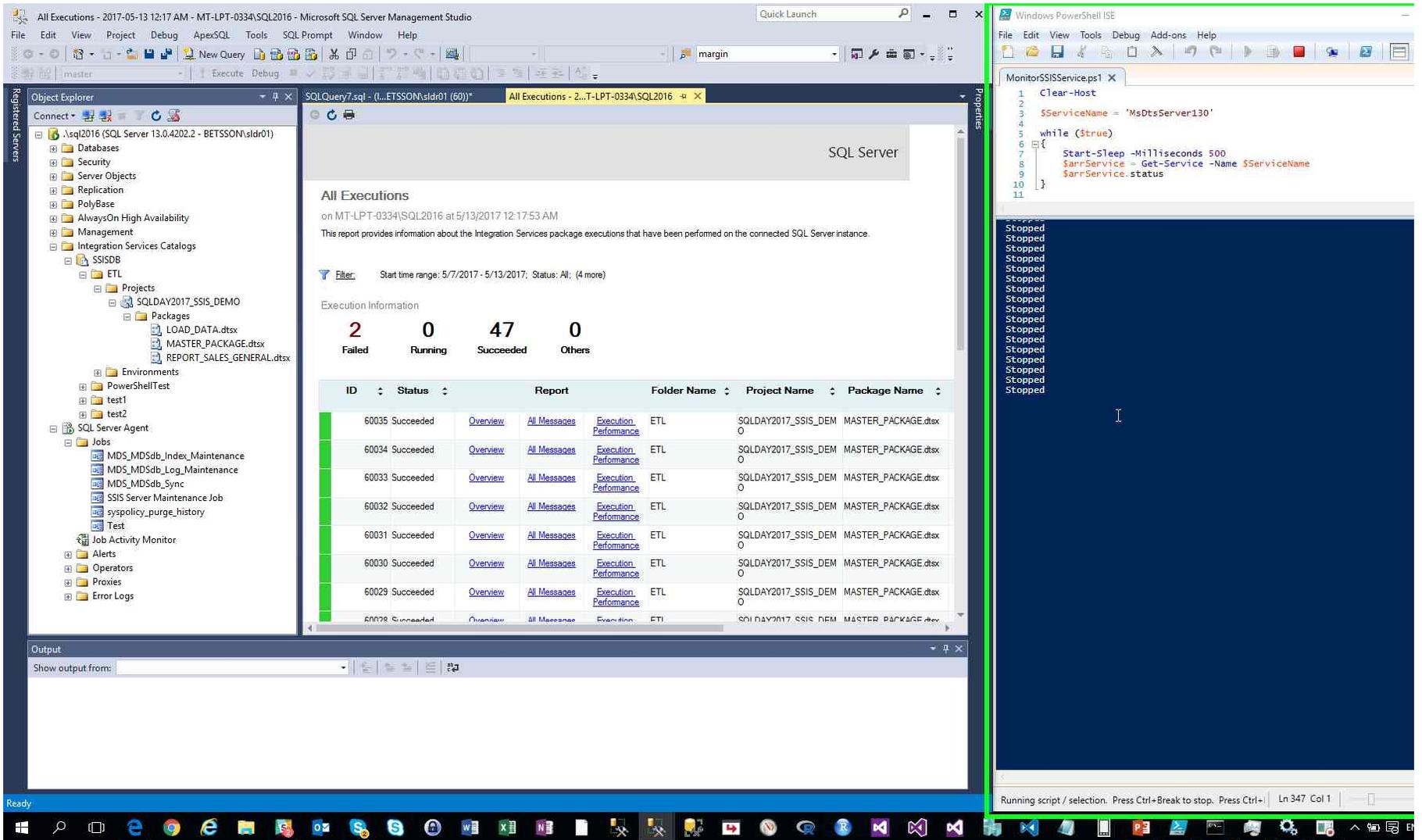
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Step 87: (2017-05-13 12:17:52 AM) User left click on "Refresh (button)" in "All Executions - 2017-05-13 12:17 AM - MT-LPT-0334\SQL2016 - Microsoft SQL Server Management Studio"



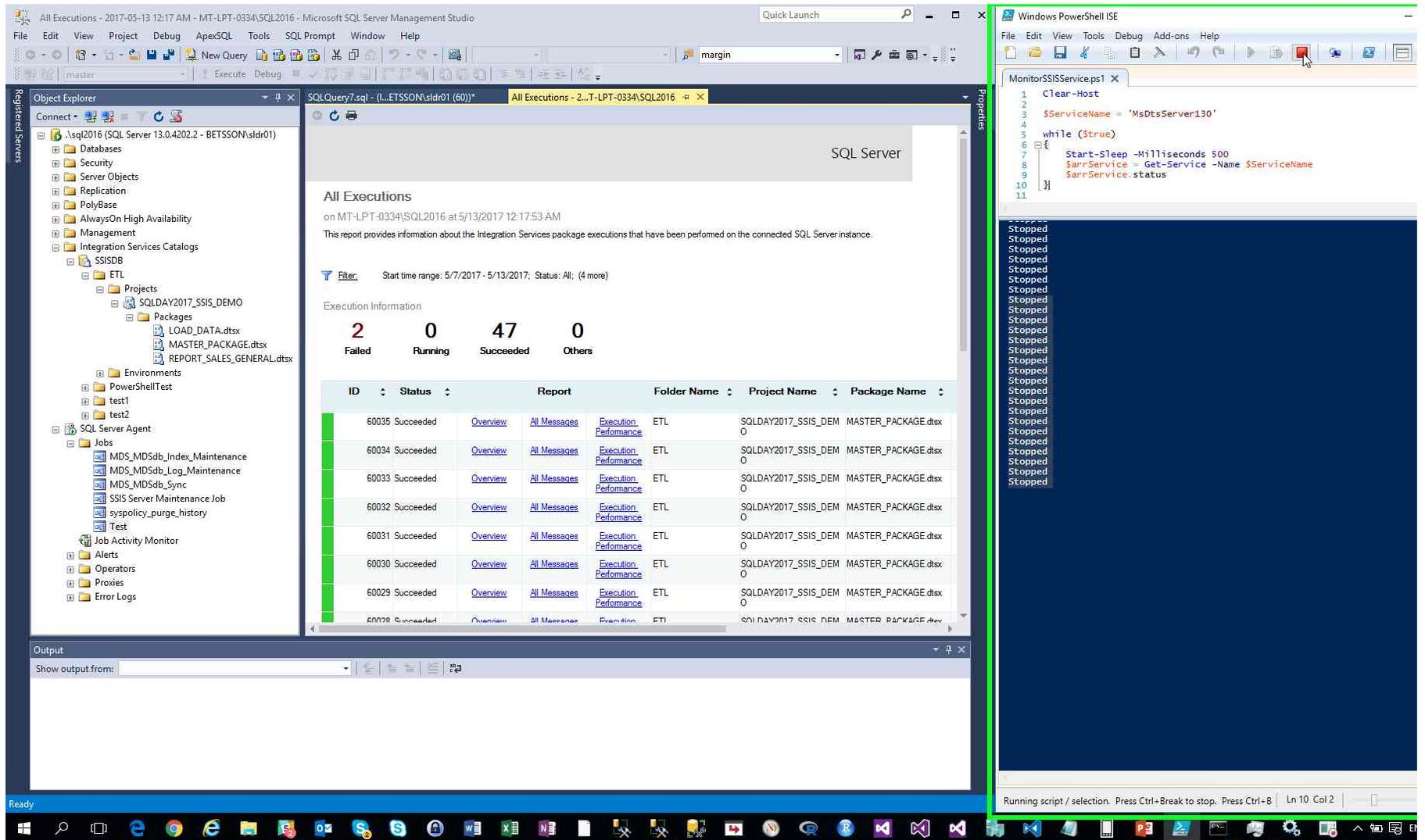
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Step 88: (2017-05-13 12:17:55 AM) User mouse drag start on "PowerShell Tabs (tab)" in "Windows PowerShell ISE"



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Step 89: (2017-05-13 12:17:55 AM) User mouse drag end on "PowerShell Tabs (tab)" in "Windows PowerShell ISE"



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Step 92: (2017-05-13 12:18:01 AM) User left click on "Steps Recorder - Recording Now (button)"

The screenshot displays the Microsoft SQL Server Enterprise Manager interface. The main window shows the 'All Executions' report for the instance 'SQL2016'. The report includes a summary of execution statistics and a table of individual execution records.

Execution Summary:

- Failed: 2
- Running: 0
- Succeeded: 47
- Others: 0

Execution Information Table:

ID	Status	Report	Folder Name	Project Name	Package Name
60035	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60034	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60033	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60032	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60031	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60030	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60029	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx
60028	Succeeded	Overview All Messages Execution Performance	ETL	SQLDAY2017_SIS_DEM O	MASTER_PACKAGE.dtsx

To the right, a Windows PowerShell ISE window is open, showing a script named 'MonitorSSISService.ps1'. The script uses a 'while' loop to monitor the status of a service named 'MsDtsServer130'. The output of the script shows a continuous stream of 'Stopped' messages.

```

1 Clear-Host
2
3 $ServiceName = 'MsDtsServer130'
4
5 while ($true)
6 {
7     Start-Sleep -Milliseconds 500
8     $arrService = Get-Service -Name $ServiceName
9     $arrService.status
10 }
11

```

The PowerShell console output shows a list of 'Stopped' messages, with the prompt 'PS C:\Users\s1dr01>' visible at the bottom.

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Additional Details

The following section contains the additional details that were recorded.

These details help accurately identify the programs and UI you used in this recording.

This section may contain text that is internal to programs that only very advanced users or programmers may understand.

Please review these details to ensure that they do not contain any information that you would not like others to see.

Recording Session: 20

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