

## Using Azure Automation for Triggering StorSimple Data Manager Jobs

Please download the github repo [here](#), which has all the files needed for the below steps.

### Getting Active Directory permissions for the automation job to run the Job Definition

1. Steps to retrieve the configuration parameters of AAD—
  - a. Open PowerShell in your local machine. Ensure that [Azure PowerShell](#) is installed.
  - b. Run the Get-ConfigurationParams.ps1 script (in the folder you downloaded above) with the following command in Windows PowerShell

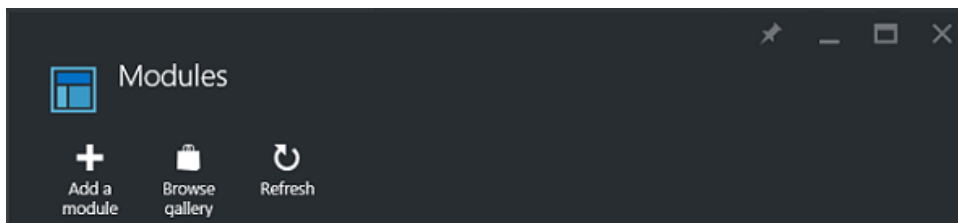
```
./Get-ConfigurationParams.ps1 -SubscriptionName "AzureSubscriptionName" -  
ActiveDirectoryKey "anyrandompassword" -AppName "ApplicationName"
```

[The ActiveDirectoryKey is a password that you will use later. Enter a password of your choice. AppName can be any string]

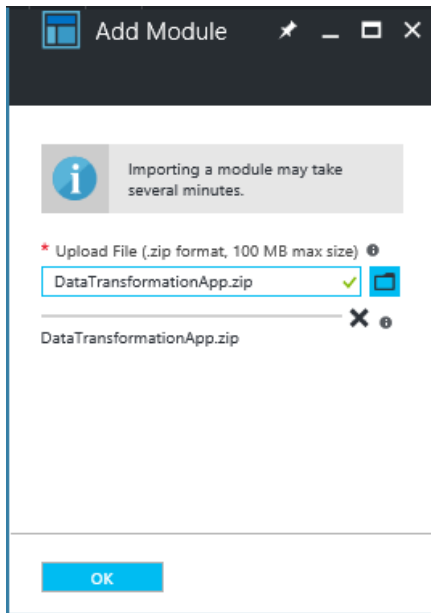
3. This script will output the following values that should be used while triggering the automation runbook, please note down these –
  - a. Client Id
  - b. Tenant Id
  - c. ActiveDirectoryKey (same as the one entered above)
  - d. Subscription Id

### Setting up the Automation Account

1. Logon to Azure and open your Automation account.
2. Click on the **Assets** tile to open the list of assets.
3. Click on the **Modules** tile to open the list of modules.
4. Click on the **Add a module** button and the Add module blade is launched.



6. After you have selected the DataTransformationApp.zip file from your local computer, click **OK** to import the module.  
When Azure Automation imports a module to your account, it extracts metadata about the module.

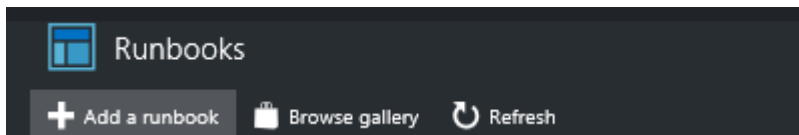


This may take a couple of minutes.

9. You will receive a notification that the module is being deployed and a notification when it has completed. Also you can check the status in **Modules** tile.

### To import the runbook that will trigger the Job Definition

1. In the Azure portal, open your Automation account.
2. Click on the **Runbooks** tile to open the list of runbooks.
3. Click on the **Add a runbook** button and then **Import an existing runbook (Import)**.



4. Click **Runbook file** and select the file to import (Trigger-DataTransformation-Job.ps1)
5. Click **Create** to import the runbook.
6. The new runbook will appear in the list of runbooks for the Automation Account.
7. Click the **Trigger-DataTransformation-Job** runbook.
8. Click the **Edit** button.
9. Click the **Publish** button and then **Yes** to the verification message.

### To run the runbook:

1. In the Azure portal, open your Automation account.
2. Click on the Runbooks tile to open the list of runbooks.
3. Click the **Trigger-DataTransformation-Job** runbook.

- Click **Start** button that starts the runbook



- Opens below blade, enter all params then Click **OK** then it submits the Data transformation job.

A screenshot of the 'Start Runbook' dialog box. The title bar says 'Start Runbook' and 'Trigger-DataTransformation-Job'. The dialog is divided into two main sections: 'Parameters' and 'Run Settings'.  
  
The 'Parameters' section contains several input fields, each with a red asterisk indicating it is mandatory:  
- 'SUBSCRIPTIONID': Input field with placeholder 'Enter a value', type 'Mandatory, String'.  
- 'TENANTID': Input field with placeholder 'Enter a value', type 'Mandatory, String'.  
- 'CLIENTID': Input field with placeholder 'Enter a value', type 'Mandatory, String'.  
- 'ACTIVEDIRECTORYKEY': Input field with placeholder 'No value', type 'Mandatory, String'.  
- 'RESOURCEGROUPNAME': Input field with placeholder 'No value', type 'Mandatory, String'.  
- 'DATAMANAGERNAME': Input field with placeholder 'No value', type 'Mandatory, String'.  
- 'JOBDEFINITIONNAME': Input field with placeholder 'No value', type 'Mandatory, String'.  
  
The 'Run Settings' section has a single option: 'Run on Azure' with an information icon.  
  
At the bottom of the dialog is a blue 'OK' button.