## Using Azure Automation for Triggering StorSimple Data Manager Jobs

Please download the github repo [here](https://github.com/Azure-Samples/storsimple-dotnet-data-manager-get-started/archive/master.zip), 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–
     1. Open PowerShell in your local machine. Ensure that [Azure PowerShell](https://azure.microsoft.com/en-us/downloads/) is installed.
     2. Run the Get-ConfigurationParams.ps1 script (in the folder you downloaded above) with the following command in Windows PowerShell

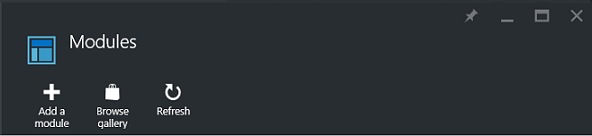
./Get-ConfigurationParams.ps1 -SubscriptionName "AzureSubscriptionName" -ActiveDirectoryKey "anyrandompassword" -AppName "ApplicationName"

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

* 1. This script will output the following values that should be used while trigging the automation runbook, please note down these –
     1. Client Id
     2. Tenant Id
     3. ActiveDirectoryKey (same as the one entered above)
     4. 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.



* 1. 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.

Add Module 
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This may take a couple of minutes.

* 1. 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)**.

Runbooks 
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* 1. Click **Runbook file** and select the file to import (Trigger-DataTransformation-Job.ps1)
  2. Click **Create** to import the runbook.
  3. The new runbook will appear in the list of runbooks for the Automation Account.
  4. Click the **Trigger-DataTransformation-Job** runbook.
  5. Click the **Edit** button.
  6. 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.
  4. Click **Start** button that starts the runbook

Trigger-DataTransformation-Job 
Start 
Edit 

* 1. Opens below blade, enter all params then Click O**K** then it submits the Data transformation job.

Start Runbook 
Parameters 
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Enter a vaü_æ 
Sring 
TENANTID 
Enter a •m_æ 
Sring 
CLIENTID O 
Enter a vaü_æ 
Sring 
ACTIVEDIRECTORYKEY O 
Sring 
RESOURCEGROLIPNAME 
Sring 
OATAMANAGERNAME O 
Sring 
JOBDEFINITIONNAME O 
Sring 
Run Settings 
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