

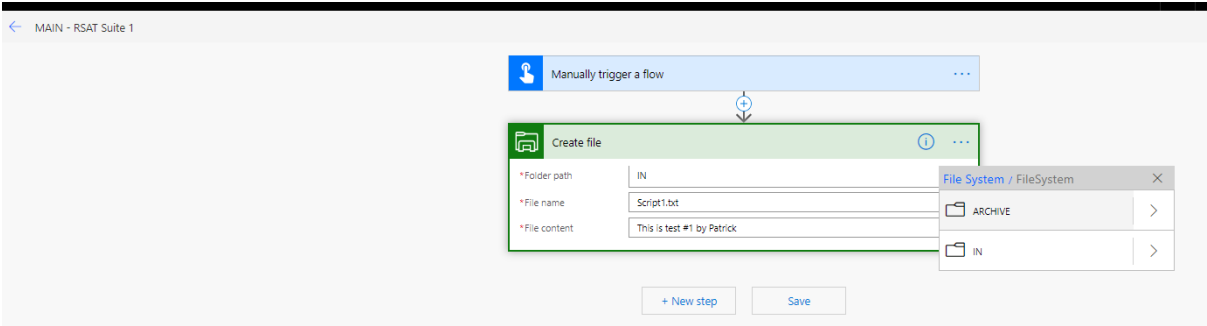
Prerequisites

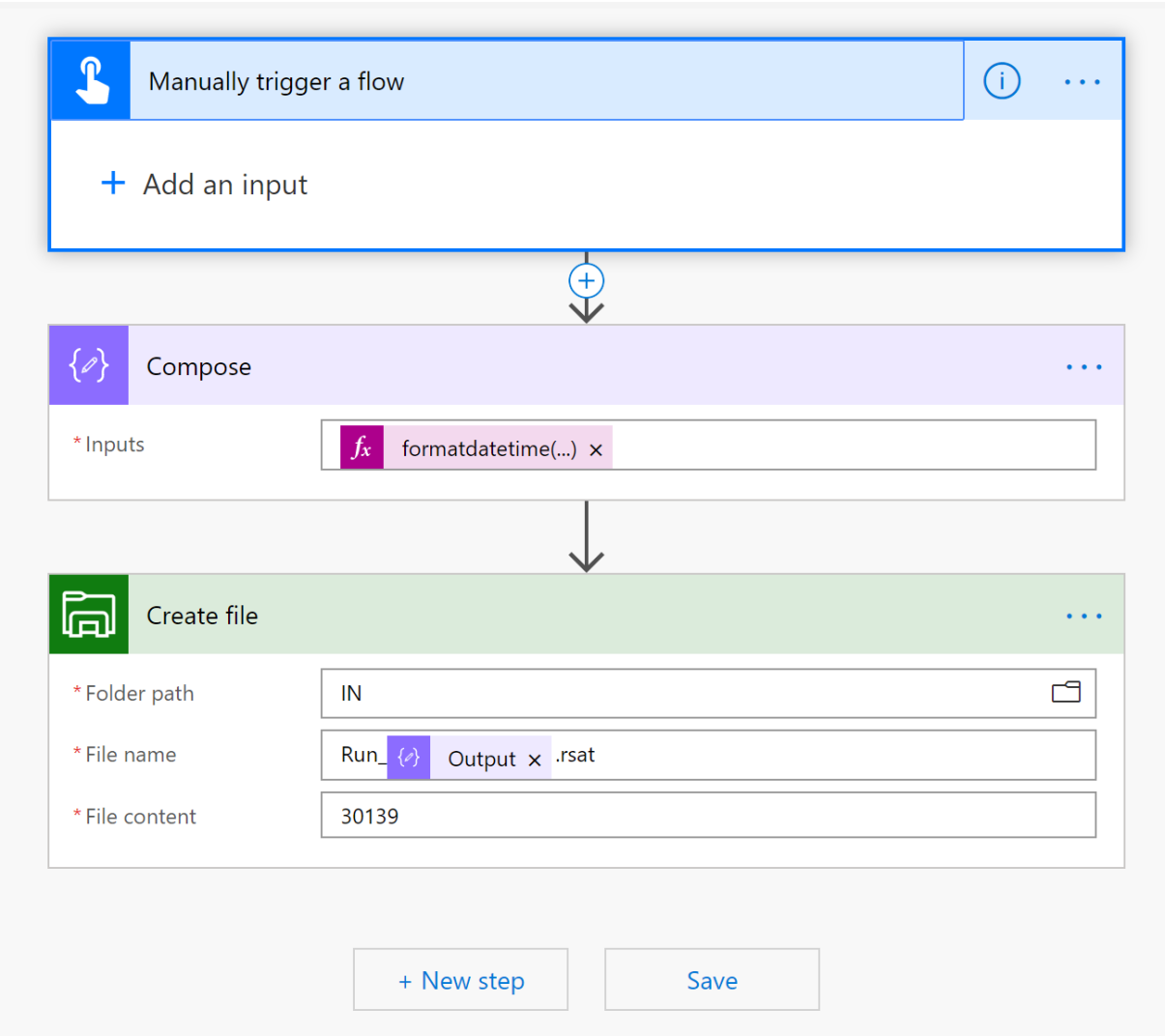
1. Setup an LCS BPM library and Azure DevOps Test Plan
2. Ensure to have at least 1 D365 Task Guide available in a Test Suite in your ADO Test Plan
3. Install and setup RSAT - Ensure RSAT is working as normal (the Task Guide is being executed in Chrome on the VM which hosts the RSAT tool)

Setup

#	Step	Picture
1	Setup the following Folder structure on the VM which hosts the RSAT tool:	C:\RSAT\IN C:\RSAT\ARCHIVE C:\RSAT\ROLLING_LOG Note: I would recommend to create and set the working folder as C:\RSAT\RSAT DATA
2	Download the runRSAT.ps1 Powershell script from my Github into the C:\RSAT folder	
2	Configure Windows Task scheduler to start the vbscript when Windows starts, so it's always actively monitoring the IN folder	Import this XML into the Windows Task scheduler - This will apply the correct setup. Verify if the account the script will run by is the preferred account. After installing, ensure to start the Powershell script (which will poll the C:\RSAT\IN folder for new files every couple of seconds): select the Task -> Right mouse click -> Enable and then Run
3	Download and Install the On-premise Gateway (link) on the VM which hosts the RSAT tool. This will allow Flow to drop files into the c:\RSAT\IN folder on the server	Learnings: <ul style="list-style-type: none">• Data Gateway can only be installed on your <u>default</u> Flow environment (current limitation!)• Ensure to run the test within the Data Gateway configuration to ensure ports aren't blocked:

#	Step	Picture
		<div><div><div><div><div>On-premises data gateway</div><div><div>Status</div><div>Service Settings</div><div>Diagnostics</div><div>Network</div><div>Connectors</div></div></div><div><div>Additional logging</div><div>You can enable additional logging to output queries and their timings to help understand what is performing slow. It is not recommended to leave this setting enabled long term.</div><div>Learn more</div></div><div><div>Gateway logs</div><div>Export all of the gateway's configuration and service logs to a single .zip file.</div><div>Sign in</div></div><div><div>Network ports test</div><div>Check to see if your gateway can access all of the correct network ports.</div><div>Learn more</div><div>Sign in to start a test.</div><div>Open last completed test results</div><div>Last completed test: August 09, 2019 07:11:26 PM</div></div><div><div>Sign in</div><div>Close</div></div></div></div></div> <div><ul style="list-style-type: none">For the Data Gateway to run, do the following<ul style="list-style-type: none">Create a local (admin) account with Read/Write access to the folders you'd like to expose to FlowIn flow.microsoft.com, create a Data Connection in the default environment to the Data Gateway with<ul style="list-style-type: none">username = <Computername>\<Account>, for example devac71fc04f6-1\pmouwenPassword is the password for the local accountSet root folder as the highest parent folders, for example "c:\RSATThen you'll be able to select child folders of this foldr in the File System connector ("IN" and "Archive" in the picture related to the next step)When using this connection in the "File System" connector, you should be able to navigate the folders:</div>

#	Step	Picture
		 <p>The screenshot displays a workflow editor interface. At the top, a blue step labeled 'Manually trigger a flow' is connected to a green step labeled 'Create file'. The 'Create file' step is expanded, revealing three input fields: 'Folder path' with the value 'IN', 'File name' with 'Script1.txt', and 'File content' with 'This is test #1 by Patrick'. Below these fields are two buttons: '+ New step' and 'Save'. To the right of the 'Create file' step, a file browser window is open, showing the 'File System / FileSystem' view. It lists two folders: 'ARCHIVE' and 'IN', each with a right-pointing arrow. The background of the editor shows a breadcrumb path: 'MAIN - RSAT Suite 1'.</p>

#	Step	Picture
4	<p>Create the sample flow on the right in MS Flow - Ensure to do this in the default Flow environment as you will not be able to connect through the On-Premise Gateway otherwise</p> <p>Compose expression: <code>formatdatetime(utcnow(),'yyyyMMddhhmmss')</code></p>	 <p>The screenshot shows the MS Flow Designer interface. The first step is 'Manually trigger a flow' (blue header). Below it is a 'Compose' step (purple header) with an input field containing the expression <code>formatdatetime(...) x</code>. The third step is 'Create file' (green header) with fields for 'Folder path' (IN), 'File name' (Run_ { } Output x .rsat), and 'File content' (30139). At the bottom are buttons for '+ New step' and 'Save'.</p>
5	<p>Ensure to push the Load, New and Upload buttons in RSAT for the Test Cases you intend to execute with RSAT - Otherwise RSAT will raise an error at execution</p>	<p>Note: output the Azure DevOps ID or IDs of the Test cases as file content</p>

