

# Postman API Tests

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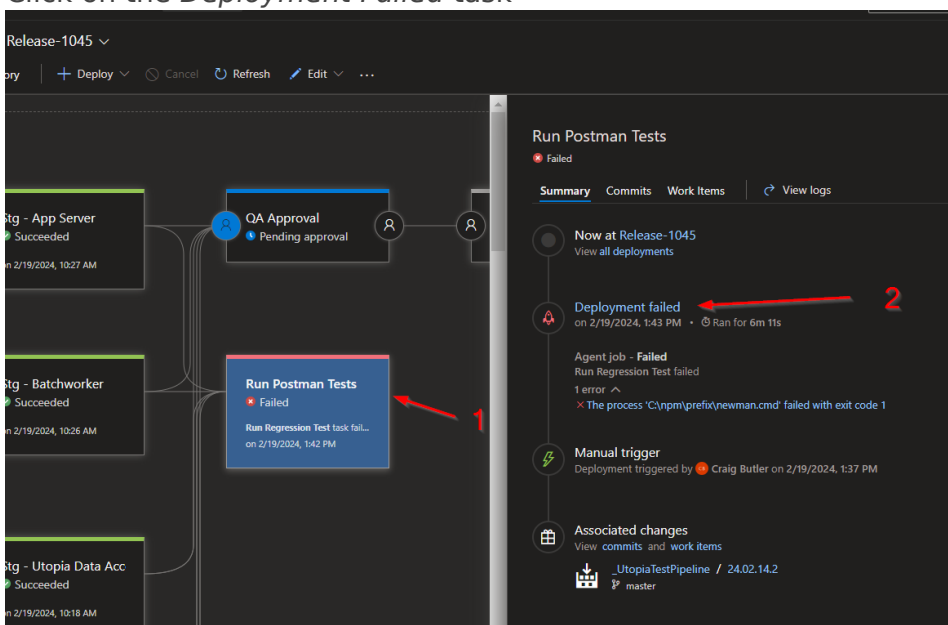
# Editing the Utopia Pipeline

## Postman Tests

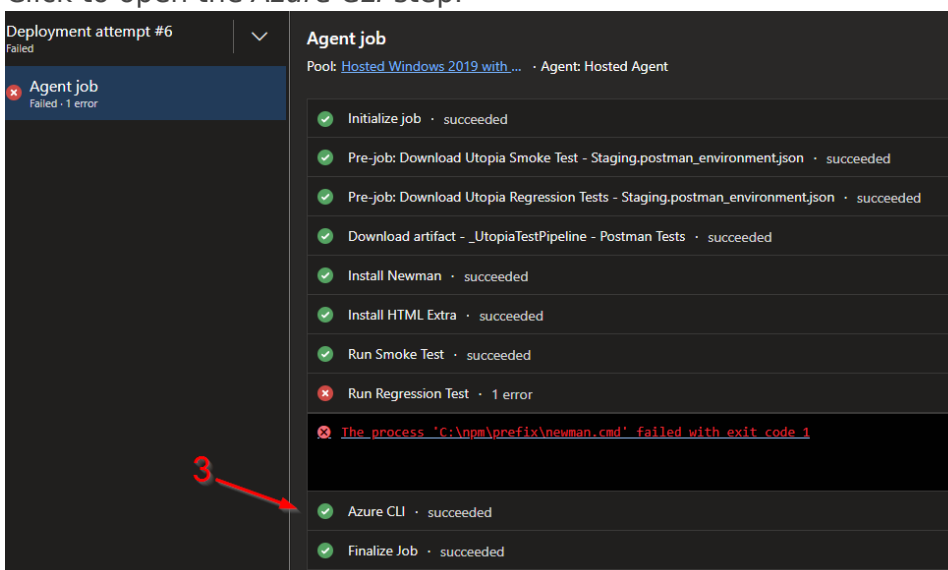
1. In Postman, export the collection and replace the file located at C:\Projects\Utopia\Utopia\Postman\Tests\Regression Test and create a pull request and get the necessary approvals.
2. In Postman, export the environment variable (*if any changes were made, if not, no need to re-upload it*) to later upload it to the Azure Pipeline Library.  
*\*Once the new branch comes through and is approved, you'll want to then replace the environment file if needed following the steps below. If not, skip to step #3.*
  - (Currently Royce and Quinn have this permission. If this changes, please update this document) Go to Azure DevOps Utopia Library > Secure Files ([https://dev.azure.com/eFileCabinet/Utopia/\\_library?itemType=SecureFiles](https://dev.azure.com/eFileCabinet/Utopia/_library?itemType=SecureFiles))
  - Find the **Utopia Regression Tests - Staging.postman\_environment.json** secure file and delete it. Then upload the exported file with the same name.
  - Edit the pipeline and edit the "Run Postman Tests" job.
  - Reselect **Utopia Regression Tests - Staging.postman\_environment.json** in the "**Secure File**" field and save.
  - If you need to rerun the tests that failed due to an error, You will want to edit the Release instead and then redeploy it.
3. Once a Utopia Release is deployed, the pipeline will then run the postman tests automatically when Staging is released. Check for any errors in the pipeline and if there are any, you can see which ones failed by reading the report:  
<https://internal.revverdocs.com/books/qa/page/reading-the-error-log-in-the-postman-auto-tests-in-the-pipeline>

# Reading the Error Log in the Postman Auto-Tests in the Pipeline

1. Click on the *Run Postman Tests* job.
2. Click on the *Deployment Failed* task



3. Click to open the *Azure CLI* step.



4. Scroll toward the bottom of the log and you'll see a Blob link for the Utopia Regression Tests. Hover over it, and a toast message will appear with a "Follow Link" option. Click it.
5. A Newman Run Dashboard page will appear with the results of each test. Click on the

"Failed Tests" tab and then click on each item to see the error as to why. You may need to run these tests locally again to see why they are failing exactly and see if it is an issue with the newly released code or your tests/setup.

```
✓ Azure CLI Previous tabs

40 2024-02-19T20:43:41.7445991Z "isDefault": true,
41 2024-02-19T20:43:41.7493954Z "managedByTenants": [
42 2024-02-19T20:43:41.7494593Z {
43 2024-02-19T20:43:41.7497325Z   "tenantId": "eee603ea-f9d2-4d25-8c8c-4871f28f7767"
44 2024-02-19T20:43:41.8120573Z },
45 2024-02-19T20:43:41.8745992Z ],
46 2024-02-19T20:43:41.8761427Z "name": "eFileCabinet-Prod",
47 2024-02-19T20:43:41.8805699Z "state": "Enabled",
48 2024-02-19T20:43:41.8806440Z "tenantId": "571003ed-707e-4f16-af3e-e786fc9e146c",
49 2024-02-19T20:43:41.8809151Z "user": {
50 2024-02-19T20:43:41.9431798Z   "name": "****",
51 2024-02-19T20:43:41.9433064Z   "type": "servicePrincipal"
52 2024-02-19T20:43:41.9433476Z }
53 2024-02-19T20:43:41.9433762Z }
54 2024-02-19T20:43:41.9433989Z ]
55 2024-02-19T20:43:41.9440717Z [command]C:\Windows\system32\cmd.exe /D /S /C ""C:\Program Files\Microsoft SDKs\Azure\CLI2\wbin\az.cmd" account set --subscription b60812ef-bf20-4c11-9329-b6bab28
56 2024-02-19T20:43:42.3557618Z [command]C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe -NoLogo -NoProfile -NonInteractive -ExecutionPolicy Unrestricted -Command ". 'D:\a_temp\azurec
57 2024-02-19T20:43:53.1211106Z WARNING:
58 2024-02-19T20:43:53.1215156Z There are no credentials provided in your command and environment, we will query for account key for your storage account.
59 2024-02-19T20:43:53.1215731Z It is recommended to provide --connection-string, --account-key or --sas-token in your command as credentials.
60 2024-02-19T20:43:53.1215953Z
61 2024-02-19T20:43:53.1216334Z You also can add '--auth-mode login' in your command to use Azure Active Directory (Azure AD) for authorization if your login account is assigned required RBAC ro
62 2024-02-19T20:43:53.1216880Z For more information about RBAC roles in storage, visit https://docs.microsoft.com/azure/storage/common/storage-auth-aad-rbac-cli.
63 2024-02-19T20:43:53.1217105Z
64 2024-02-19T20:43:53.1217524Z In addition, setting the corresponding environment variables can avoid inputting credentials in your command. Please use --help to get more information about envi
65 2024-02-19T20:43:54.9462083Z
66 2024-02-19T20:43:54.9977902Z 1/2: "Utopia/Release-1045/Utopia Regression Tests-2024-02-19-20-42-31-639-0.html"[] 100.0000%
67 2024-02-19T20:43:54.9978615Z 2/2: "Utopia/Release-1045/Utopia Smoke Test-2024-02-19-20-42-05-870-0.html"[] 100.0000%
68 2024-02-19T20:43:54.9979158Z Finished[#####] 100.0000%
69 2024-02-19T20:43:55.0417860Z [
70 2024-02-19T20:43:55.0476681Z {
71 2024-02-19T20:43:55.0537025Z   "Blob": "https://efcdevelopmentresources.blob.core.windows.net/postman-test-results/Utopia/Release-1045/UtopiaX20Regression%20Tests-2024-02-19-20-42-31-639-0.",
72 2024-02-19T20:43:55.0539115Z   "Last Modified": "2024-02-19T20:43:54+00:00",
73 2024-02-19T20:43:55.0601410Z   "Type": "text/html",
74 2024-02-19T20:43:55.0707042Z   "eTag": "\"0x80C31887D20EF13\""
75 2024-02-19T20:43:55.0728613Z },
76 2024-02-19T20:43:55.0935825Z {
77 2024-02-19T20:43:55.1971097Z   "Blob": "https://efcdevelopmentresources.blob.core.windows.net/postman-test-results/Utopia/Release-1045/UtopiaX20Smoke%20Test-2024-02-19-20-42-05-870-0.html",
78 2024-02-19T20:43:55.1975773Z   "Last Modified": "2024-02-19T20:43:54+00:00",
79 2024-02-19T20:43:55.1981962Z   "Type": "text/html",
80 2024-02-19T20:43:55.1982867Z   "eTag": "\"0x80C31887D290429\""
81 2024-02-19T20:43:55.1983172Z }
82 2024-02-19T20:43:55.1983426Z ]
83 2024-02-19T20:43:55.4699229Z [command]C:\Windows\system32\cmd.exe /D /S /C ""C:\Program Files\Microsoft SDKs\Azure\CLI2\wbin\az.cmd" account clear"
84 2024-02-19T20:43:56.5144650Z ##[section]Finishing: Azure CLI
```