After Action Report:

## Deployment: Update eCat SSIS package SDM

## Request Ticket: SDM 37925 – eCat Image Upload Job Error

## Change Control : SDM 38110

Explanation of Issue

SDM 37925 – eCat Image Job Error, is a ticket that is reporting an issue with our integration to eCat and specifically with the sql job eCat Upload – Summer Classics Retail (Images). This job executes the SSIS package Update eCat with parameters that would send images to eCat. Below you can see the error that has been logged for the issue:

Graphical user interface, application, Word

Description automatically generated

Looking at the details, the issue is that a Script that contains the functionality to send the images to eCat via SFTP using WinSCP is erroring out. Based on previous exploration with other SSIS package issues utilizing WinSCP, the error revolves around the use of the SFTP transmission with WinSCP.

To give a brief explanation of what was found during debugging and developing a solution to this issue, nothing definitive was found. Simply rebuilding the SSIS update eCat package and testing within the Azure environment utilizing our test SFTP connection to gabriellawhite.files.com showed no more errors. The most likely solution was that the package was not fully built the last time the package was deployed.

Deployment

Starting at 9:00 am on 2023/04/20, Cather Cheese and myself (Justin Pope) attempted deployment for the change control. The following shows executions of the sql job.

Table

Description automatically generated

At 9:15:13 am, was initial execution after deployment. This execution also shows a failure. The following shows the error log of this execution:

Graphical user interface, text, application, email

Description automatically generated

Looking at the error this was caused because the version of the package was not correctly built. The only explanation I can give to this is that I am not confident that changes are preserved between the branches of our repository.

Based of this issue, I rebuilt the package in our dev environment and tested once more to gabriellawhite.files.com. Once I confirm that the package was valid in dev, I pushed the package up to the repository and attempted a second deployment.

After the second deployment, the sql history at 9:24:54 shows another error. The following is a screenshot of that error:

Graphical user interface, text, application

Description automatically generated

The description of “Error parsing session log file” comes straight from the WinSCP object within the SSIS package. This does not mean that the SSIS had an error, more so that the version of WinSCP that is being used is not compatible.

Attempting a third execution of the SQL job at 9:27:33 showed a success. Here is the sql history of this third execution:

Graphical user interface, text, application, Word

Description automatically generated

Getting confirmation going to \\MKT-FILES\Data\eCat Docs\Images\Product to see if any more files are there and confirm that the files have been moved to the archive location \\MKT-FILES\Data\eCat Docs\Archive\Product.

screen shot of \\MKT-FILES\Data\eCat Docs\Images\Product

Graphical user interface, text, application, email

Description automatically generated

Screen shot of \\MKT-FILES\Data\eCat Docs\Archive\Product

Graphical user interface, application, table

Description automatically generated

After Action Thoughts

1. Issue with SSIS package development within in our current software development life cycle. Our repo structure contains the following branches:  
   Master (production) <-> Development  
   When working on a ticket, you create a branch from Development and, once completing the development and testing cycles, you push the new branch back into Development and then back into Master for deployment. Time is needed to confirm that this process is accurate for SSIS package development.
2. This is known, but issues with WinSCP within SSIS packages and other integration solutions need to be addressed. Our version of WinSCP is outdated but we cannot go through the upgrade since most of our integration reference WinSCP at our current version. The solution would take time and effort for correcting this.