202210062359.pandoc

# Bugs discovered in production

# PAY-938 RPA Service stops randomly at Greystone

* SchedularCallback:System.ArgumentException: Invalid handle.  
  Parameter name: handle  
   at System.IO.FileStream..ctor(SafeFileHandle handle, FileAccess access, Int32 bufferSize, Boolean isAsync)  
   at System.IO.FileStream..ctor(SafeFileHandle handle, FileAccess access)  
   at SEDC\_CS\_Service\_Library.SEDCFile.OpenReadWrite(String PathNm, Boolean bExclusiveWrite)  
   at SEDC\_CS\_Service\_Library.SynchronizedStreamWriter..ctor(String FilePathNm, Boolean UseMutex, Boolean LazyOpen)  
   at SEDC\_CS\_Service\_Library.SocketLog..ctor(String FileBaseName, String LoggingPath, UInt32 LogOpt, String ProgName, ArrayList FilterOutPolledTrans, ArrayList FilterOutAlwaysTrans)  
   at SEDC\_CS\_Service\_Library.SocketLog..ctor(String FileBaseName, String LoggingPath, UInt32 LogOpt, String ProgName, ArrayList FilterOutPolledTrans, ArrayList FilterOutAlwaysTrans, Int32 maxBackLog, Int32 maxSize)  
   at SEDC\_CS\_Webify\_Library.SEDC\_CS\_Webify..ctor(NameValueCollection appSettings)  
   at ReturnedPaymentAutomation\_Library.ReturnedPayment..ctor()  
   at ReturnedPaymentAutomation\_Service.ReturnedPaymentService.SchedularCallback(Object e)

## Analysis

* SEDC\_CS\_Service\_Library.SocketLog opens the log file. At the  
  beginning of each SocketLog.WriteLine(), the file handle is closed  
  and reopened. Otherwise, it is never closed.
* This SocketLog is instantiated in the constructor of SEDC\_CS\_Webify  
  and stored in a static property SEDC\_CS\_Webify.DebugLog.  
  SEDC\_CS\_Webify is instantiated at the beginning of the daily job  
  scheduled at 11 am.
* Hence, each day, the previous socketlog handle remains open but a  
  new one is opened on the instantiation of SEDC\_CS\_Webify. Unclosed  
  filehandles is a recipe for disaster.

## Resolution

* Add a Close() method on SocketLog class. And close it  
  (SEDC\_CS\_Webify.DebugLog.Close()) before instantiating the class.  
  Eg.
* if (SEDC\_CS\_Webify.DebugLog != null)  
  {  
   SEDC\_CS\_Webify.DebugLog.Close()  
  }  
  \_serviceHelper = new SEDC\_CS\_Webify(settings);  
  Copy

# MUT-12794 - Multi-account profile creation - incorrect token

* Application: Open Access
* 2022-09-14 11:37:40.873 -04:00 [Information] [226] Received cc multi-account profile creation request: PaymentProfileData { CoopNumber: "210", AccountNumber: "191466-9600051742,191466-9600046576", AccountDisplay: "9600051742,9600046576", CustomData: "3052307", HostedCCReturn: "https://billing.onwasa.com/onwasa/HostedCCReturn.jsp", IsPostbackRequired: True, HostedCCCancel: "https://billing.onwasa.com/onwasa/HostedCCCancel.jsp", AcceptedCreditCardTypes: "VI,MC,DI", AuthorizationToken: "eyJ0eXAiIDogIkpXVCIsImFsZyIgOiAiSFMyNTYifQ.eyJzZWRjLnBnLmFwaS5rZXlpZCIgOiAiMjEwLjEuMSIsInNlZGMucGcuYXBpLmN1c3RvbWVyaWQiIDogIjE5MTQ2Ni05NjAwMDQ2NTc2IiwiZXhwIiA6ICIxNjYzMTcxNjYwIn0.L13JJgO0LSBaMfU31iRFJqSoaBOsx38UU6WqFLqO-do" }  
    
  2022-09-14 11:37:41.232 -04:00 [Information] [370] Sending a GET request of getting CC Profile for account# 191466-9600051742 by calling [https://egateway.sedata.com/PGMeridianApi/api/payments/cc/210/profile/191466-9600051742](https://egateway.sedata.com/PGMeridianApi/api/payments/cc/210/profile/191466-9600051742)  
    
  2022-09-14 11:37:41.263 -04:00 [Error] [69] Received response for account# 191466-9600051742 with error: Forbidden. The claims on the token do not match either the clientId, customerId or action being performed -- error code: 403

## Analysis

* Parsed the token at <http://jwt.io>, It was issued to the last account  
  in the AccountNumber field, namely, "191466-9600046576".

## Solution

* Token should be issued to the first account in the list,  
  "191466-9600051742".