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| **PSDK SELF-ASSESMENT FORM** |

 

**PSDK Self Assessment Guide**

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# Introduction

##  Objective

Provide a test plan guide for an application to prove that it has correctly integrated with the PSDK and the terminal so that it might be deployed successfully.

#  Steps for Log collection

## On-Device

For On-device integration PSDK logging will be enabled by default. Below are the commands for capturing logs.

*// clears the logcat buffer*

*adb logcat -c*

*//captures and filters log with PSDK messages*

*adb logcat -s “PSDK”*

*//captures PSDK filtered log to a file with name psdk.log*

*adb logcat -s "PSDK" > psdk.log*

*//captures full logs (PSDK + terminal) slogs to file with name terminal.log*

*adb logcat > terminal.log*

*//stops logging*

*ctrl + c*

## Off-Device

*PSDK logging should be enabled explicitly. API’s from paymentSDK class can be used for logging.*

*PaymentSdk*

 *1>public static boolean configureLogFile(String filename, long size)*

 *2>public static void configureLogLevel(PsdkLogLevel level)*

 *3>public static boolean configureLogFileWithRotation(String filename, long size, long rotate)*

*Sample code to enable logging using the API's configureLogFile and configureLogLevel*

 *//Filepath of the log file to be saved*

 *String a = System.Windows.Forms.Application.LocalUserAppDataPath;*

 *PaymentSdk.ConfigureLogFile( a + "psdk.log", 2048);*

 *PaymentSdk.ConfigureLogLevel(PsdkLogLevel.LOG\_DEBUG);*

*Sample code to enable logging using the API configureLogFileWithRotation, which captures logs in different files based on the rotate field specified in the API.*

 *//Filepath of the log file's to be saved*

 *String a = System.Windows.Forms.Application.LocalUserAppDataPath;*

 *// 5 Log files each size of 100Kb will created.*

 *PaymentSdk.configureLogFileWithRotation( a + "psdk.log", 100, 5);*

*Sample Log which shows PSDK creation, Initializing and Login successfully.*

*06:51:04.896 2462 2545 I : VFITS [psdk\_id=0] PaymentSdk creating.*

*06:51:04.897 2462 2545 I PSDK : VFITS [psdk\_id=0] PaymentSdk created.*

*06:51:04.949 2462 2570 I PSDK : VFITS [psdk\_id=0] AdvanceToState NOT\_LOGGED\_IN*

*06:51:04.949 2462 2564 I PSDK : VFITS [psdk\_id=0] Notifying CommerceListener2 of type STATUS\_INITIALIZED with status 0*

*06:51:04.950 2462 2564 I PSDK : VFITS [psdk\_id=0] getState for session (nil)*

*06:51:04.953 2462 2564 I PSDK : VFITS [psdk\_id=0] loginWithCredentials user (null) and shift (null) and operator locale (null)*

*06:51:04.953 2462 2564 I PSDK : VFITS [psdk\_id=0] AdvanceToState LOGGING\_IN*

*06:51:04.974 2462 2564 I PSDK : VFITS [psdk\_id=0] sendMessageToListener TRANSACTION\_NOTIFICATION for session detached*

*06:51:04.974 2462 2564 I PSDK : VFITS [psdk\_id=0] Notifying CommerceListener2 of type TRANSACTION\_NOTIFICATION with status 0*

*06:51:04.975 2462 2564 I PSDK : VFITS [psdk\_id=0] getState for session (nil)*

*06:51:05.007 2462 2564 I PSDK : VFITS [psdk\_id=0] sendMessageToListener TRANSACTION\_NOTIFICATION for session detached*

*06:51:05.007 2462 2564 I PSDK : VFITS [psdk\_id=0] Notifying CommerceListener2 of type TRANSACTION\_NOTIFICATION with status 0*

*06:51:05.008 2462 2564 I PSDK : VFITS [psdk\_id=0] getState for session (nil)*

*06:51:05.673 2462 2564 I PSDK : VFITS [psdk\_id=0] sendMessageToListener DEVICE\_VITALS\_INFORMATION\_EVENT for session detached*

*06:51:05.673 2462 2564 I PSDK : VFITS [psdk\_id=0] Notifying CommerceListener2 of type DEVICE\_VITALS\_INFORMATION\_EVENT with status 0*

*06:51:05.695 2462 2585 I PSDK : VFITS [psdk\_id=0] AdvanceToState LOGGED\_IN*

*06:51:05.696 2462 2564 I PSDK : VFITS [psdk\_id=0] sendMessageToListener LOGIN\_COMPLETED for session detached*

*06:51:05.696 2462 2564 I PSDK : VFITS [psdk\_id=0] Notifying CommerceListener2 of type LOGIN\_*