APEXX Integration Guide

Document Revision History

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1 Overview

The APEXX payment cartridge enables a commerce cloud store to integrate with APEXX payment service. This document provides detailed instructions on installing APEXX payment cartridge onto a commerce cloud store.

The integration is based on the SFRA demo store, on version 4.0.0, provided by SFCC.

The integration consists of an archive with contents as described in the below table.

Name	Purpose
cartridges	Contains APEXX integration cartridges
cartridges\	This cartridge contains the SFRA specific
int_apexx_sfra	changes required for APEXX integration
bm_apexx	This cartridge contains the Order Management
_	Feature From Business Manger.
Site-template	Contains custom attributes and settings
	required for the integration
Documentation	Contains this document APEXX Integration
	Guide"

2 Features

The integration described in this document supports the following features:

- o Apexx Credit Card Hosted Payment.
- o Apexx Credit Card Direct Payment- Default.
- o Apexx Credit Card Encryption Payment.
- o Apexx GooglePay Payment.
- o Apexx AfterPay Payment.
- o Apexx PayPal Payment
- o Apexx ApplePay Payment Pending
- o Ability to manage payment methods offered by APEXX via BM
- o Supports both synchronous and asynchronous payment methods
- o Ability to capture payment immediately during order placement or to authorise payment first and capture payment later
- o Code for refund / capture / reversal operations
- Ability to save cards to account and use them later during checkout
- o Allows business users to modify the APEXX payment Method , Especially Hosted Payment styling

o Allows business users to modify the javascript functionality that is provided with the cartridge

2 Installation

2.1 Cartridges

Cartridges relevant for SFRA version are int_apexx_sfra.

2.2 BM Imports

3.3 Cartridge path

Add the cartridges shown below to the beginning of the cartridge path

Site Cartridge Path	int_apexx_sfra:
BM Cartridge Path	bm_apexx

3.4 Metadata Import

Locate the folder site-template in the installation package and perform following steps.

- o Review the contents into site-template folder.
- o Change the site ID under path *metadata/sites* to your site ID.
- Rename system-objecttype-extensions-sfra.xml to system-objecttypeextensions.xml
- o Archive the folder to 'site-template.zip' and the Import the file via Site Import & Export

3.5 Services Import

Import Services File:

metadata/site_import/apexservices_directpay.xml

metadata/site_import/appex_capture_services.xml

metadata/site_import/appex_capture_services_paypal.xml

metadata/site_import/appex_capture_services_3ds_auth.xml

metadata/site_import/appex_afterpay_services.xml

metadata/site_import/appex_afterpay_services_cancel_afterpay.xml

metadata/site_import/appex_afterpay_services_refund_afterpay.xml

metadata/site_import/appex_afterpay_services_capture_afterpay.xml

metadata/site_import/appex_capture_cancel_services.xml

metadata/site_import/appex_capture_refund_services.xml

Import Attributes ans Site Prefrences -

metadata/meta/system-objecttype-extensions.xml

import Payment Methods and Payment Processor -

metadata/sites/yourSiteId/payment-methods.xml metadata/sites/yourSiteId/payment-processors.xml

Please set the urls as shown below based on the instance where the cartridge is being integrated

Environment	URL
SandBox Url	https://sandmgw.apexxfintech.com
Production instances	https://apexxfintech.com

4 Create Payment Processor , Inside Payment Processor, After Import Done.

APEXX_AfterPay

APEXX_ApplePay

APEXX_CLIENT_SIDE

APEXX_CREDIT

APEXX_GooglePay

APEXX_HOSTED

APEXX_PayPal

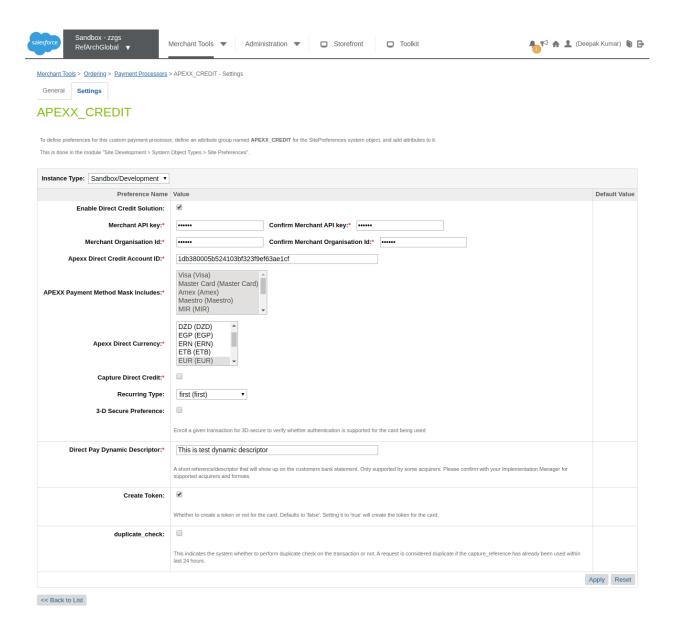
Configurations

5.1 Payment Processor Settings

5.1.1 APEXX Credit

Name	Purpose
Enable Direct Credit Solution	For Enabling Payment Method
Merchant API key*	Merchant API Key
Merchant Organization Id*	Organization id , Which you got from Apexx Payment. Payment Method Mask
APEXX Payment Method Mask Includes*	For Payment Masks
Apexx Direct Currency*	Currency
Capture Direct Credit*	For Capture and Authorize
Recurring Type	Recurring Type
3-D Secure Preference	3-D Secure Preference
Direct Pay Dynamic	A short reference/descriptor that will show up
Descriptor*	on the customers bank statement. Only
	supported by some acquirers. Please confirm
	with your Implementation Manager for
	supported acquirers and formats.
Create Token	Whether to create a token or not for the card.
Create Token	Defaults to 'false'. Setting it to 'true' will create the token for the card.
Duplicate check	This indicates the system whether to perform
Dapheace check	duplicate check on the transaction or not. A
	request is considered duplicate if the
	capture reference has already been used
	within last 24 hours.

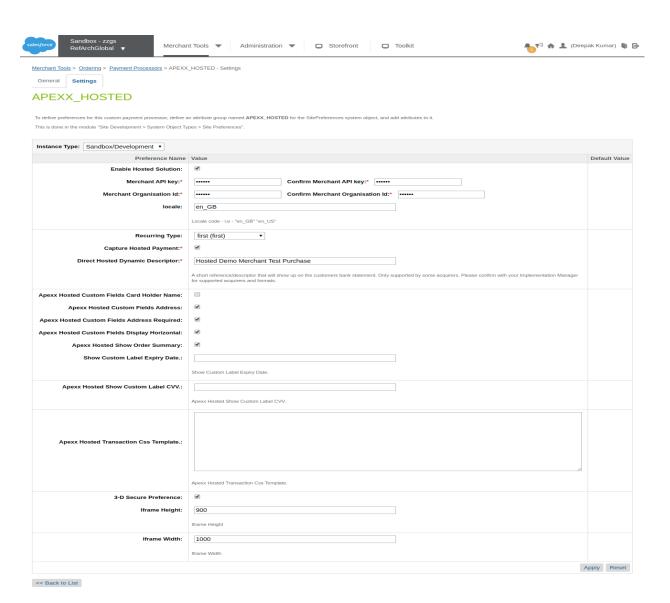
Direct Credit Setting Example -



5.1.2 Apexx Hosted Payment -

Name	Purpose
Enable Hosted Solution	For Enabling Payment Method
Litable Hosted Soldtion	Tor Enabling rayment Method
Merchant API key*	Merchant API Key
Merchant Organisation Id*	Organisation id , Which you got from Apexx
	Payment. Payment Method Mask
locale	Locale code - i.e - "en GB" "en US"
	Currency
	For Capture and Authorize
Capture Hosted Payment*	·
Recurring Type	Recurring Type
	3-D Secure Preference
Direct Hosted Dynamic	A short reference/descriptor that will show up
Descriptor*	on the customers bank statement. Only
	supported by some acquirers. Please confirm
	with your Implementation Manager for
	supported acquirers and formats.
	Apexx Hosted Custom Fields Card Holder
Apexx Hosted Custom Fields	Name
Card Holder Name	
Apexx Hosted Custom Fields	Apexx Hosted Custom Fields Address Will
Address	Display in Iframe of Hosted Payment Method.
Apexx Hosted Custom Fields	Apexx Hosted Custom Fields Address
Address Required	Required
Apexx Hosted Custom Fields	Apexx Hosted Custom Fields Display
Display Horizontal	Horizontal
Apexx Hosted Show Order	Apexx Hosted Show Order Summary
Summary	
Show Custom Label Expiry	Show Custom Label Expiry Date.
Date.	
Apexx Hosted Show Custom	Apexx Hosted Show Custom Label CVV.
Label CVV.	
Apexx Hosted Transaction	Apexx Hosted Transaction Css Template.
CSS Template.	
3-D Secure Preference	3-D Secure Preference
I frame Height	I frame Height
I frame Width	I frame Width

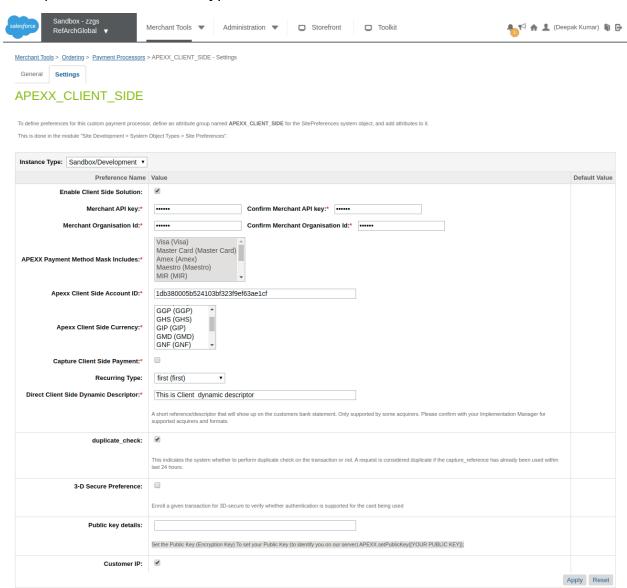
Example Of Hosted Setting -



5.1.3 Apexx Client Side Encryption -

Name	Purpose
Enable Client Side Solution	For Enabling Payment Method
Merchant API key*	Merchant API Key
Merchant Organisation Id*	Organisation id , Which you got from Apexx Payment. Payment Method Mask
APEXX Payment Method Mask Includes*	For Payment Masks
Apexx Client Side Currency:*	Apexx Client Side Currency
Capture Client Side Payment	Capture Client Side Payment
Recurring Type	Recurring Type
Direct Client Side Dynamic Descriptor	A short reference/descriptor that will show up on the customers bank statement. Only supported by some acquirers. Please confirm with your Implementation Manager for supported acquirers and formats.
Duplicate check	This indicates the system whether to perform duplicate check on the transaction or not. A request is considered duplicate if the capture_reference has already been used within last 24 hours.
3-D Secure Preference:	Enroll a given transaction for 3D-secure to verify whether authentication is supported for the card being used
Public key details	Set the Public Key (Encryption Key) To set your Public Key (to identify you on our server) APEXX.setPublicKey([YOUR PUBLIC KEY]);
Customer IP	Allow Customer IP Access

Example Of Client Side Encryption -



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5.1.4 Apexx PayPal Setting

Name	Purpose
Enable Solution	For Enabling Payment Method
Merchant API key *	Merchant API Key
Merchant Organisation Id*	Organisation id , Which you got from Apexx Payment. Payment Method Mask
locale	Locale code - i.e - "en_GB" "en_US"
Apexx Client Side Currency:*	Apexx Client Side Currency
Capture Client Side Payment	Capture Client Side Payment
Card Holder Name	This field allows you to customise the card block in the HPP. True will load the card holder name in the page and false will hide it.
Address	This field allows you to customise the address in the HPP. True will load the billing_address fields in the page and false will hide it.
Display horizontal	This field allows you to customise the alignment of the HPP. True will align in the horizontal and false will align in the vertical. And true is the default value.
Address Required	This field allows you to customise the address fileds validation in the HPP. True will make all billing_address fields mandatory in the page and false will make it optional.
Show order summary	This field allows you to customise the order summary block in the HPP iframe. True will load the order summary in the page and false will hide it. Set to false, to hide hosted frame.
Apexx PayPal Currency	Apexx PayPal Currency
Capture PayPal Payment	Capture PayPal Payment

Apexx PayPal Payment Product Type	Apexx PayPal Payment Product Type
Apexx PayPal Shopper Interaction	Apexx PayPal Shopper Interaction
PayPal Brand	PayPal Brand
PayPal Customer Id	PayPal Customer Id
PayPal Tax Id	PayPal Tax Id
PayPal Tax Type	PayPal Tax Type
Recurring Type	Recurring Type
Direct PayPal Dynamic Descriptor	A short reference/descriptor that will show up on the customers bank statement. Only supported by some acquirers. Please confirm with your Implementation Manager for supported acquirers and formats.
Brand Name	The label that overrides the business name in the PayPal account on the PayPal site.
Customer IP	Customer IP

PayPal Setting Example -



APEXX_PayPal

To define preferences for this custom payment processor, define an attribute group named APEXX_PayPal for the SitePreferences system object, and add attributes to it.

This is done in the module "Site Development > System Object Types > Site Preferences".

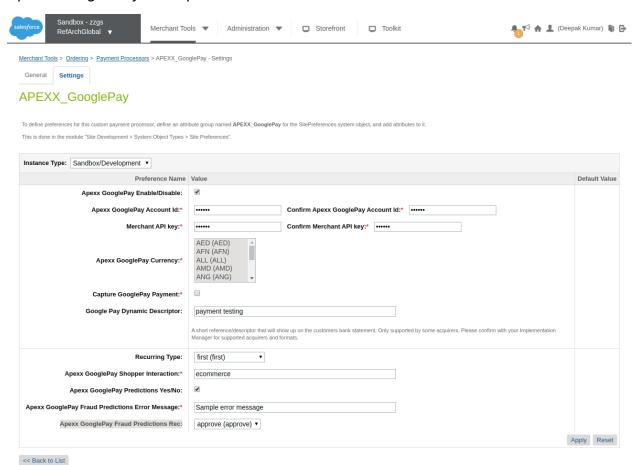
Instance Type: Sandbox/Development	Y		
Preference Name	Value	Defau	lt Value
Enable Solution:	Ø		
Sandbox Mode:	⊘		
Apexx PayPal Account ID:*	71eafe8d7b3f476b9e6d34fd3a53b9a2		
Merchant API key:*	Confirm Merchant API key:		
Merchant Organisation Id:*	Confirm Merchant Organisation Id:		
locale:	en_GB		
	Locale code - i.e - "en_GB" "en_US"		
Card Holder Name:	W.		
Card Holder Name.			
	This field allows you to customise the card block in the HPP. True will load the card holder name in the page and false will hide it.		
Address:	8		
	This field allows you to customise the address in the HPP. True will load the billing_address fields in the page and false will hide it.		
display_horizontal:	€		
. ,-			
	This field allows you to customise the alignment of the HPP. True will align in the horizontal and false will align in the vertical. And true is the default value.		
Address Required:			
	This field allows you to customise the address fileds validation in the HPP. True will make all billing_address fields mandatory in the page and false will make it optional.		
show_order_summary:	8		
	This field allows you to customise the order summary block in the HPP iframe. True will load the order summary in the page and false will hide it. Set to false, to hide hosted frame.		
	AED (AED) AFN (AFN)		
Apexx PayPal Currency:*	AMD (AMD)		
	ANG (ANG)		
Capture PayPal Payment:*			
Apexx PayPal Payment Product Type:	paypal		
	Apexx PayPal Payment Product Type		
Apexx PayPal Shopper Interaction:*	ecommerce		
	Apexx PayPal Shopper Interaction		
PayPal Brand:*			
PayPai Bialiu.	paypal_brand		
	PayPal Brand		
PayPal Customer Id:*	A82A672GURYSG		
	PayPal Customer Id		
PayPal Tax Id:*	26062019122		
	PayPai Tax Id		
PayPal Tax Type:*	BR_CPF		
	PayPal Tax Type		
Recurring Type:	first (first)		
Direct PayPal Dynamic Descriptor:*	PayPal First Card transaction		
	A short reference/descriptor that will show up on the customers bank statement. Only supported by some acquirers. Please confirm with your Implementation Manager for supported		
	acquirers and formats.		
Brand Name:	Apexx Paypal		
	The label that overrides the business name in the PayPal account on the PayPal site.		
Customer IP:	Ø.		
		Apply	Reset

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5.1.5 Apexx Google Pay Setting -

Name	Purpose
Apexx	For Enabling Payment Method
GooglePay Enable/Disable	
Merchant API key*	Merchant API Key
Merchant Organisation Id*	Organisation id , Which you got from Apexx Payment. Payment Method Mask
APEXX Payment Method Mask Includes*	For Payment Masks
Apexx GooglePay Currency:*	Apexx GooglePay Currency
Capture GooglePay Payment	Capture GooglePay Payment
Google Pay Dynamic Descriptor	A short reference/descriptor that will show up on the customers bank statement. Only supported by some acquirers. Please confirm with your Implementation Manager for supported acquirers and formats.
Recurring Type	Recurring Type
Apexx GooglePay Shopper Interaction	Apexx GooglePay Shopper Interaction(
Apexx GooglePay Predictions Yes/No	Apexx GooglePay Predictions Yes/No
Apexx GooglePay Fraud Predictions Error Message:*	Apexx GooglePay Fraud Predictions Error Message:*
Apexx GooglePay Fraud Predictions Rec:	Apexx GooglePay Fraud Predictions Rec:

Apexx Google Pay Example -



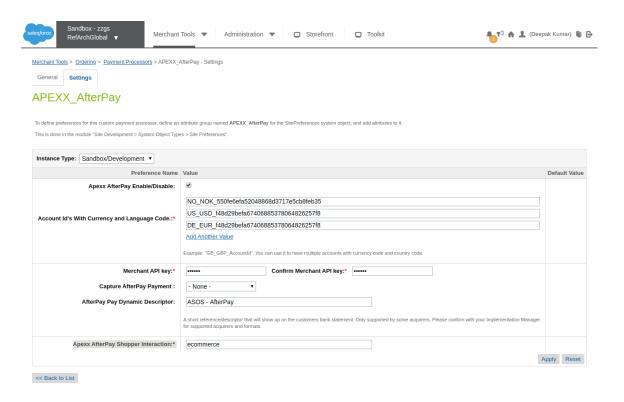
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5.1.6 Apexx AfterPay

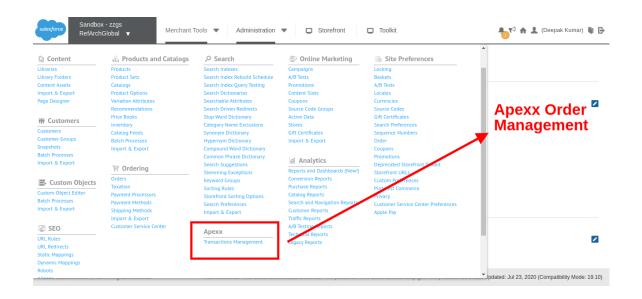
Name	Purpose
Apexx AfterPay Enable/Disable:	For Enabling Payment Method
Account Id's With Currency and Language Code.:*	For Configure After Pay with Combination of Country, Currency and Account Id this is dynamic field for that.
Merchant API key	For Merchant API key .
Capture AfterPay Payment :	For Capture and Auth setting, By Default its Auth mode.
AfterPay Pay Dynamic Descriptor:	A short reference/descriptor that will show up on the customers bank statement. Only supported by some acquirers. Please confirm with your Implementation Manager for supported acquirers and formats.
Capture GooglePay Payment	Capture GooglePay Payment
Google Pay Dynamic Descriptor	A short reference/descriptor that will show up on the customers bank statement. Only supported by some acquirers. Please confirm with your Implementation Manager for supported acquirers and formats.
Apexx AfterPay Shopper Interaction:*	Apexx AfterPay Shopper Interaction:*

After Pay Setting Example -

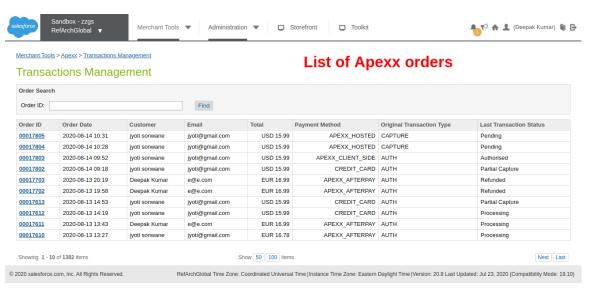


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6. Business Manger Apexx Order Management



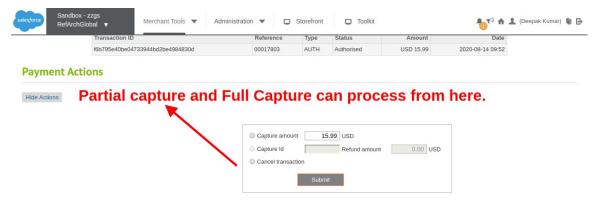
List Orders.



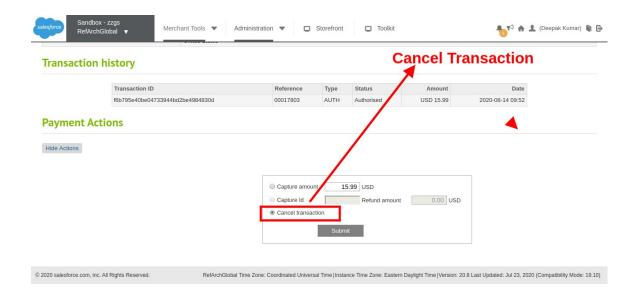
Order Detail's -



Capture Amount -



Cancel Transaction -



Partial Refund and Full Refund -

