BlueSnap Integration Guide

(JS Controllers version 19.1)

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# **Summary**

This document provides technical instructions for using the BlueSnap SFCC Cartridge to integrate the BlueSnap payment methods into a SFCC storefront.

**Glossary**

|  |  |
| --- | --- |
| **Term** | **Description** |
| SFCC | SalesForce Commerce Cloud |
| Business Manager (BM) | The primary tool used to configure the SFCC platform and customer storefront |
| SiteGenesis 2.0 (SG2) | The SFCC default ecommerce storefront |

# **Component Overview**

## **Functional Overview**

The BlueSnap cartridge enables customers to select the BlueSnap payment methods on checkout and pay for order with the BlueSnap all-in-One Payment Platform.

## **Limitations, Constraints**

Use of the BlueSnap cartridge requires credentials and keys from the BlueSnap. Please register on bluesnap.com and contact BlueSnap customer service.

## **Compatibility**

The cartridge is designed for Salesforce Commerce Cloud API version 19.8 *with JS Controllers.* Compatibility Mode: 18.2. It is expected to be backward compatible with older versions of SFCC.

## **Privacy, Payment**

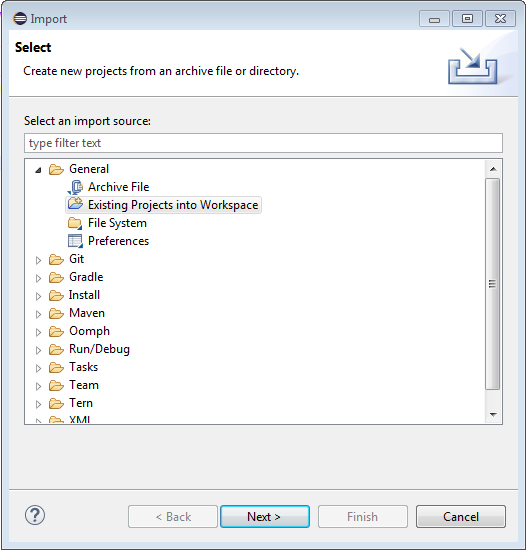
The BlueSnap cartridge can collect and process user profile information or billing information. For additional privacy information, please contact your BlueSnap Manager.

# **Implementation Guide**

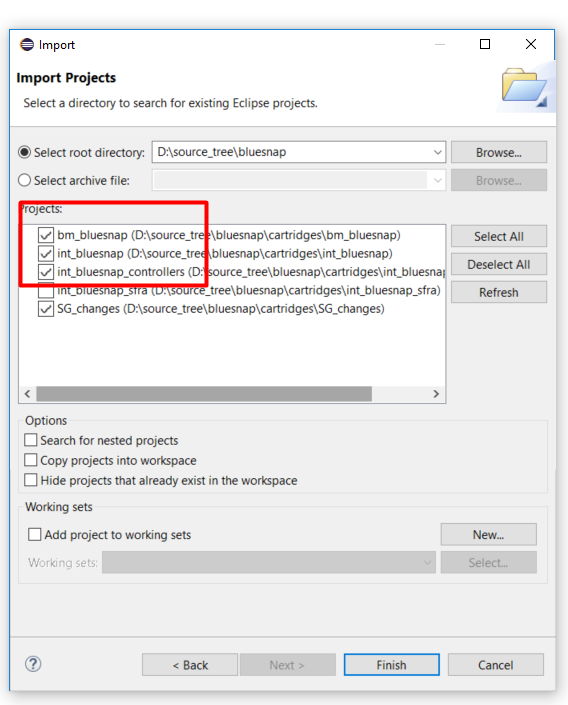
## **General Implementation**

### **Installing the Cartridge on the sandbox**

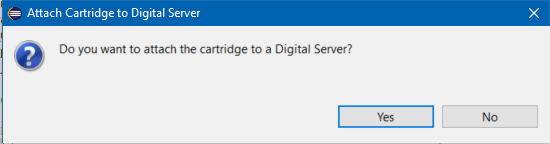
1.  Open UX Studio.  
2.  Import downloaded cartridge. Select on the Import screen:

m

3. Link the cartridge to the sandbox.



4. Select sandbox connection then Properties. Select Project Reference and check in. 

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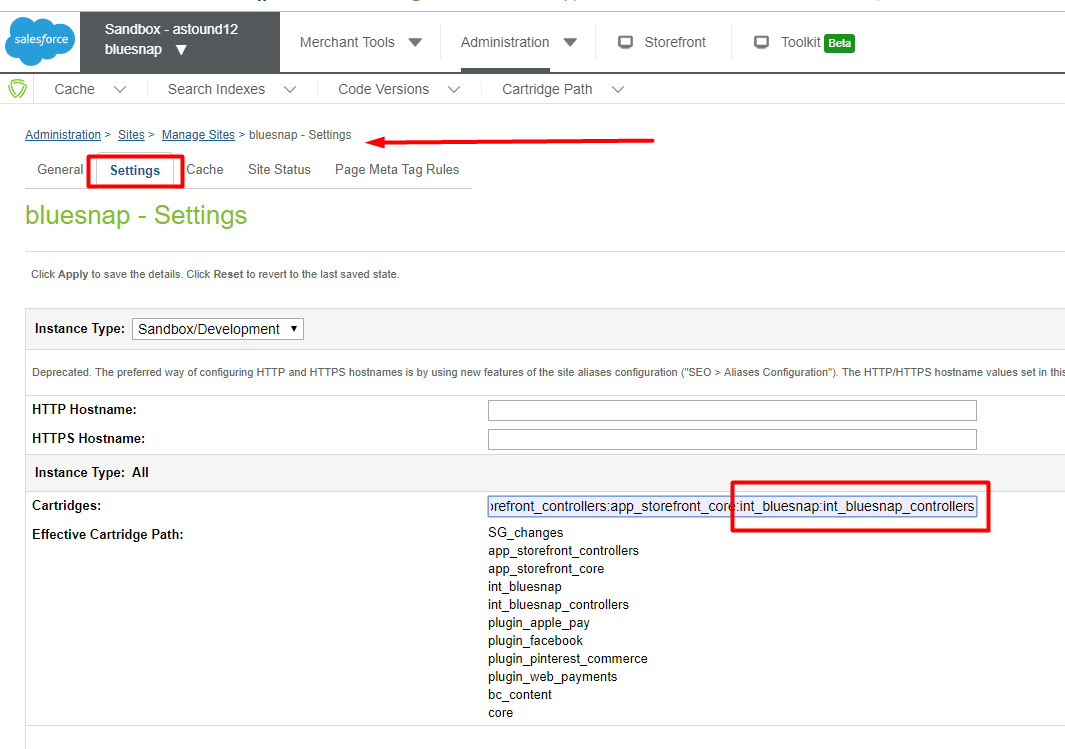
## 

## 

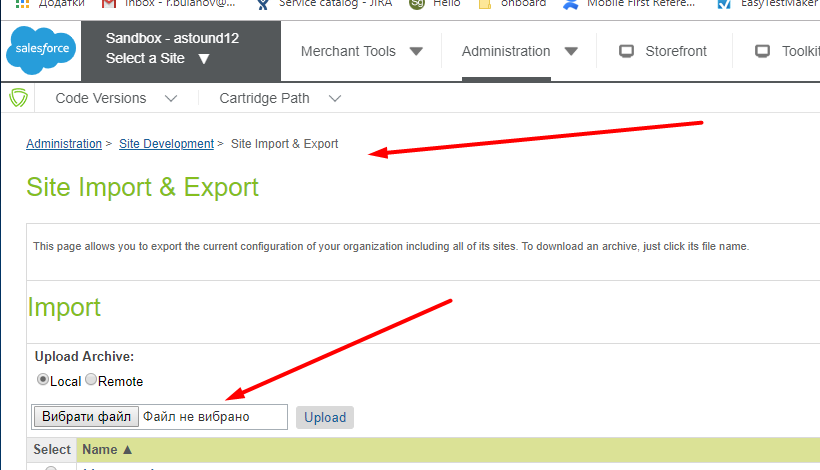
## 

## **3.2 Set Up Business Manager**

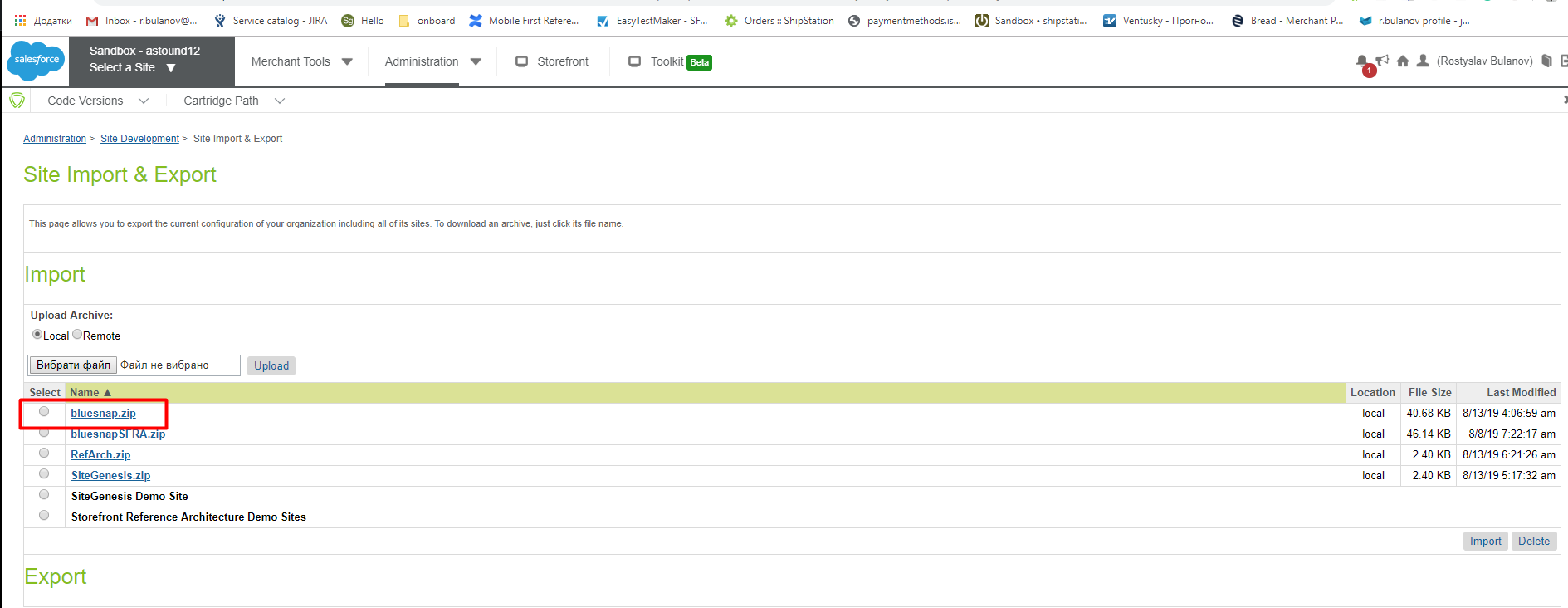
1.  Go to **Business Manager -> Site -> Manage Sites**. Select the correct site then select **Settings** tab. In the cartridge path add “int\_bluesnap” and “int\_bluesnap\_controllers” cartridges:

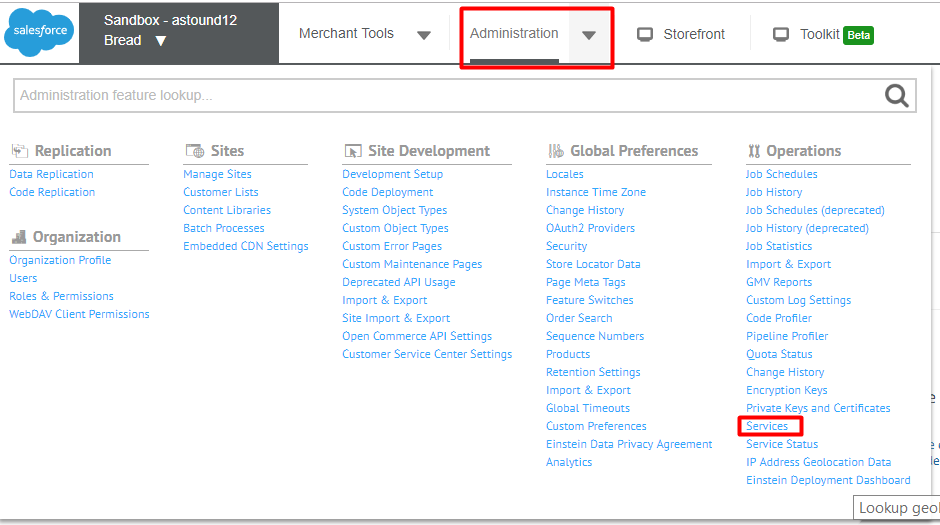


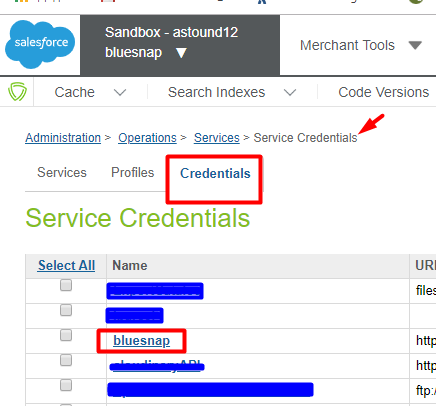
2.  Go to **Administration -> Site Development ->Site Import & Export** and upload bluesnap.zip from meta folder

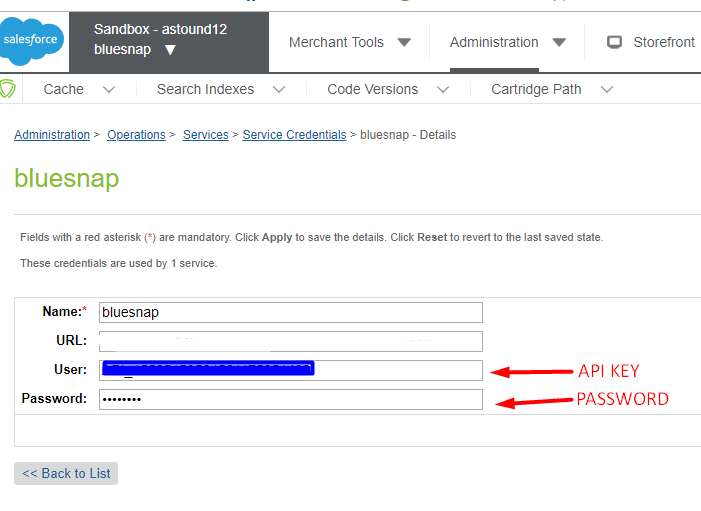


3. Import bluesnap.zip:

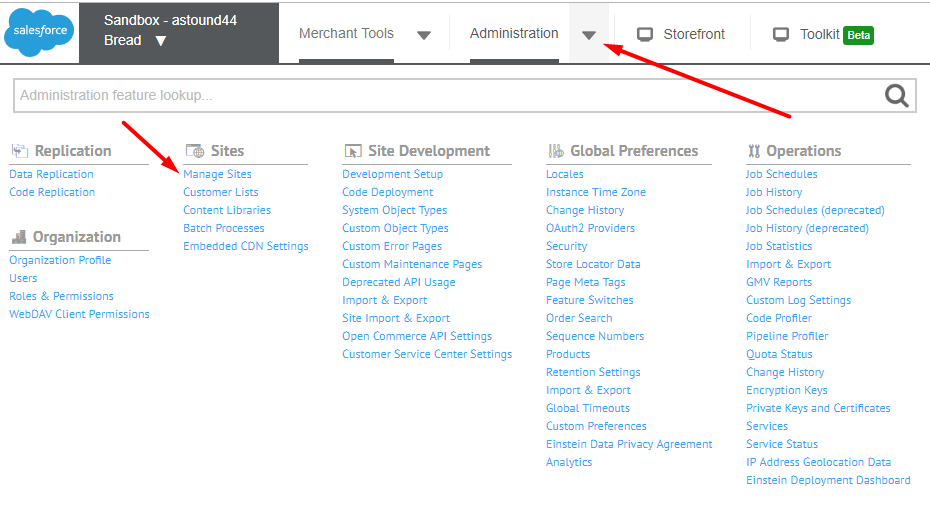


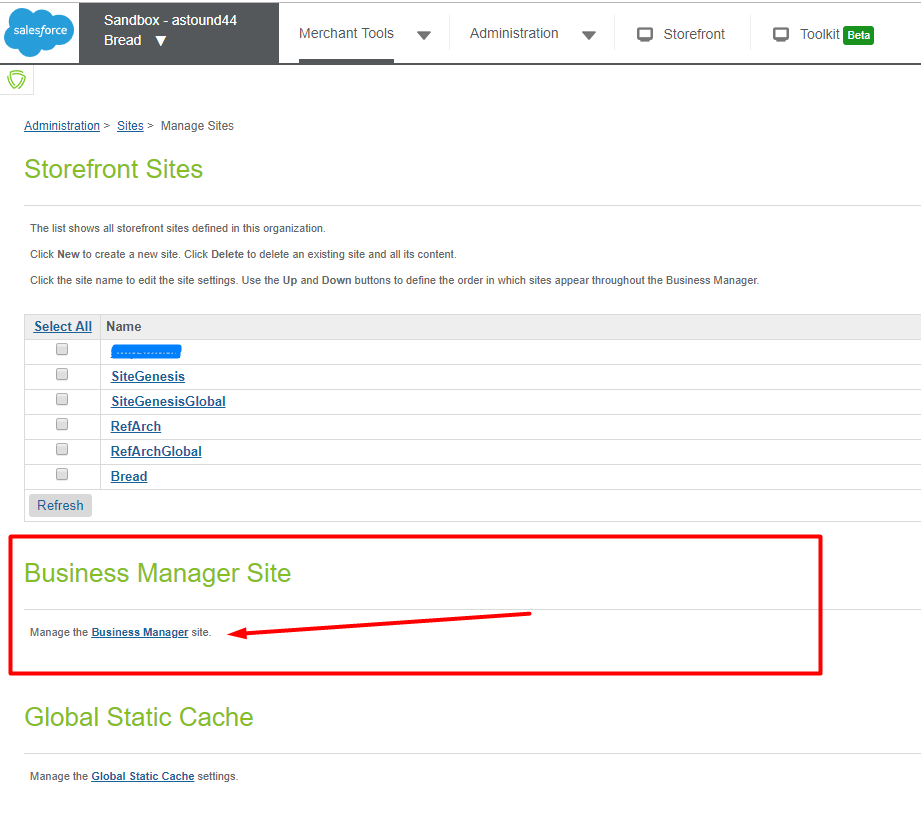
4. Configure Service credentials:





5. Add **bm\_bluesnap** cartridge to the BM cartridge path.





## 

6. Add permission for merchant to use BlueSnap BM extension. Go to

Administration > Organization > Roles > {Merchant Role} - Business Manager Modules

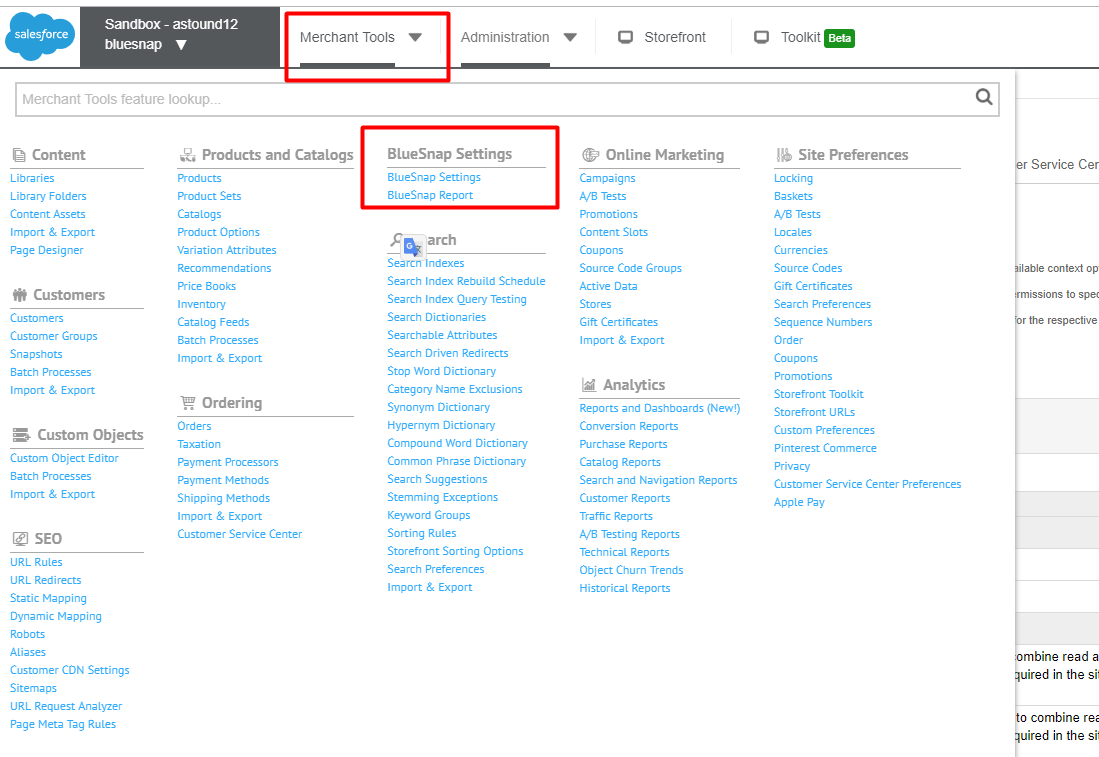
and select proper context

## 

7. Select the checkboxes and use the Update button at the bottom of the page to grant permissions to BlueSnap Settings and BlueSnap Reports Business Manager modules

## 

8. Reload page. BlueSnap section should appear in Merchant Tools



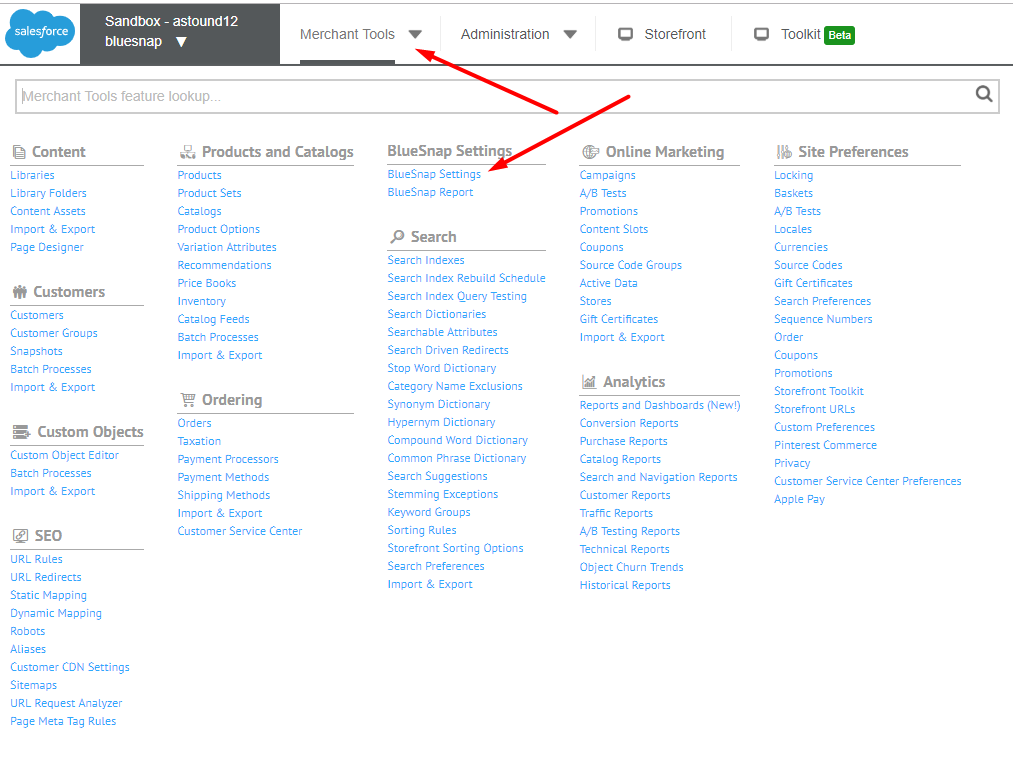
## 

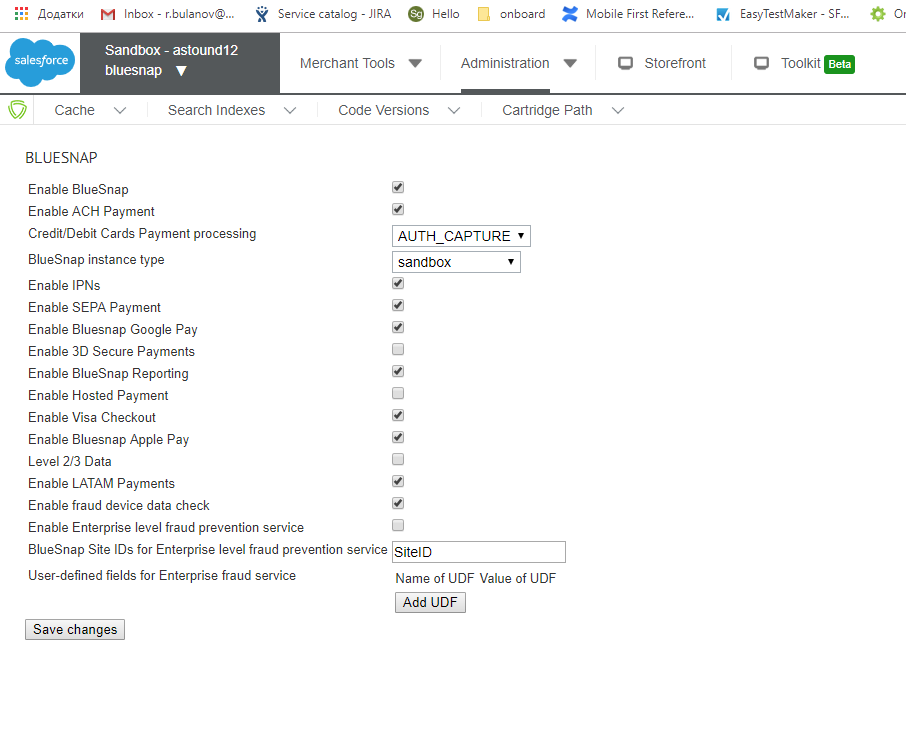
## 

## **3.3 Configuring preferences:**

### **3.3.1 Example of configuring the cartridge via BM extension:**

Go to Business Manager: **Sites -> Your Site ->Merchant tools -> BlueSnap Settings**

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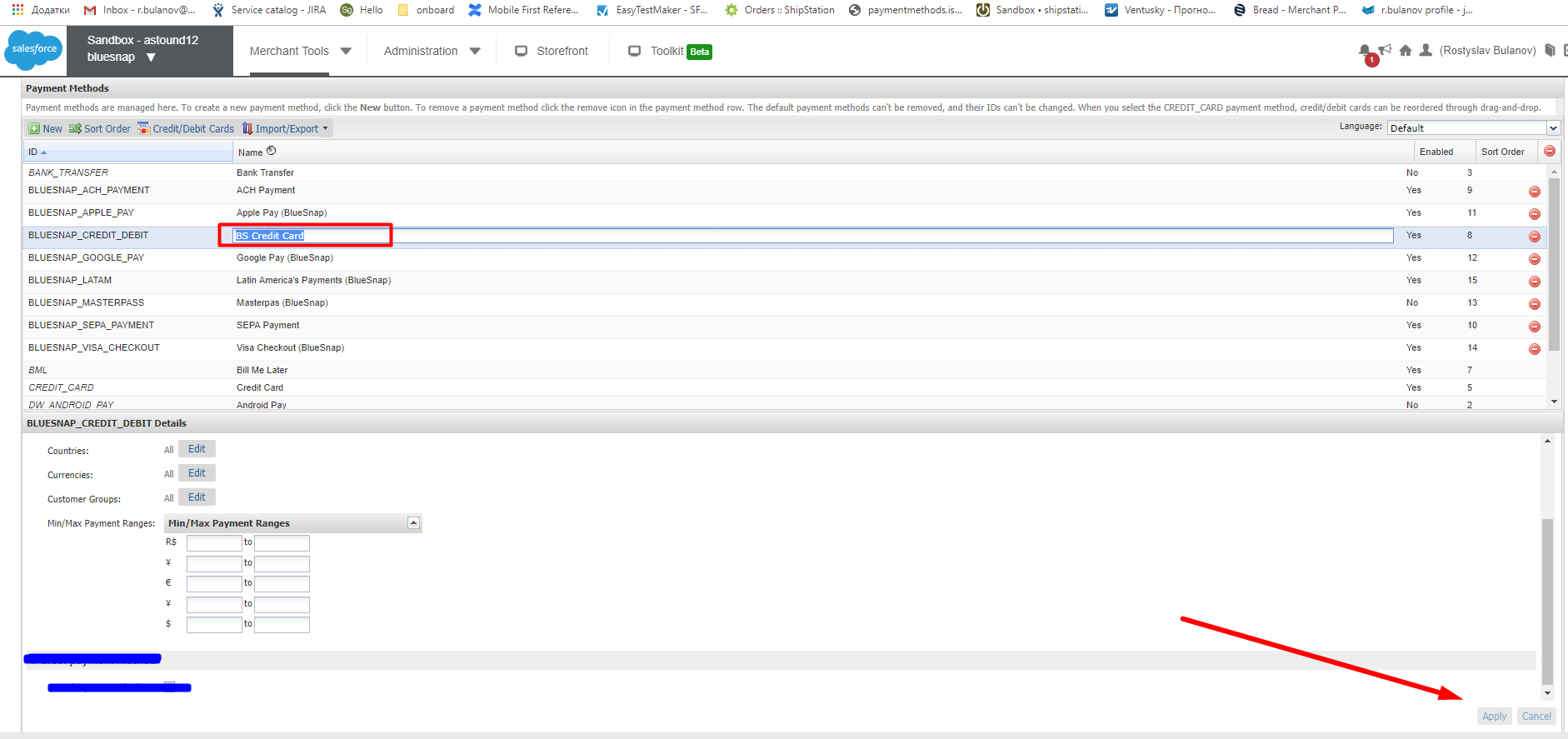
Below is an example of how to complete the fields in the blueSnap settings area:****

**Descriptions:**

* Enable BlueSnap — enables cartridge
* Enable ACH Payment
* Credit/Debit Cards Payment processing — AUTH\_CAPTURE/ AUTH\_ONLY
* BlueSnap instance type SANDBOX/PRODUCTION
* Enable IPNs — enables handling of Instant Payment Notifications
* Enable SEPA Payment
* Enable Bluesnap Google Pay
* Enable 3D Secure Payments
* Enable BlueSnap Reporting
* Enable Hosted Payment
* Enable Visa Checkout
* Enable Bluesnap Apple Pay
* Level 2/3 Data — Turns on level 3 data in the request
* Enable LATAM Payments
* Enable fraud device data check
* Enable Enterprise level fraud prevention service
* BlueSnap Site IDs for Enterprise level fraud prevention service
* User-defined fields for Enterprise fraud service

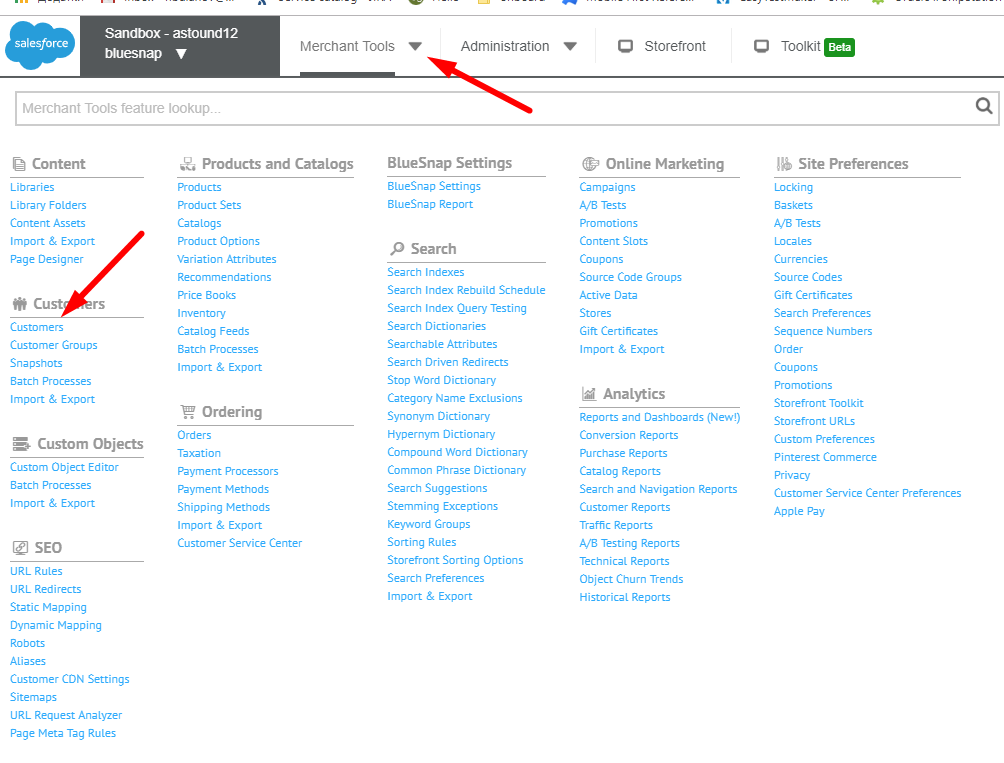
### **3.3.2 How to modify payment method name**

1. Go to Merchant Tools > Ordering > Payment Methods
2. Find payment method with **NEEDED** id.
3. Click on it in the **Name** column.
4. Change the name and press **Apply** button.

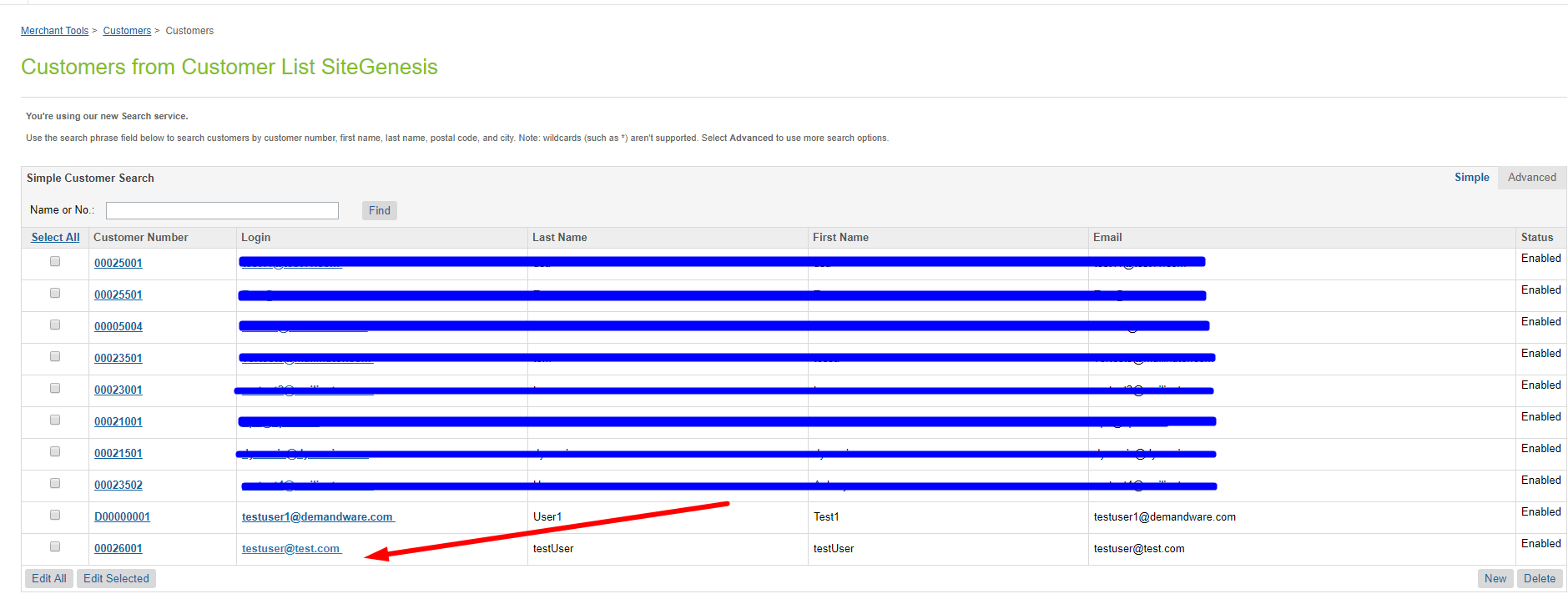


### **3.3.3 How to set SoftDescriptor for customer**

1. Go to Merchant Tools -> Customers



2. Select user

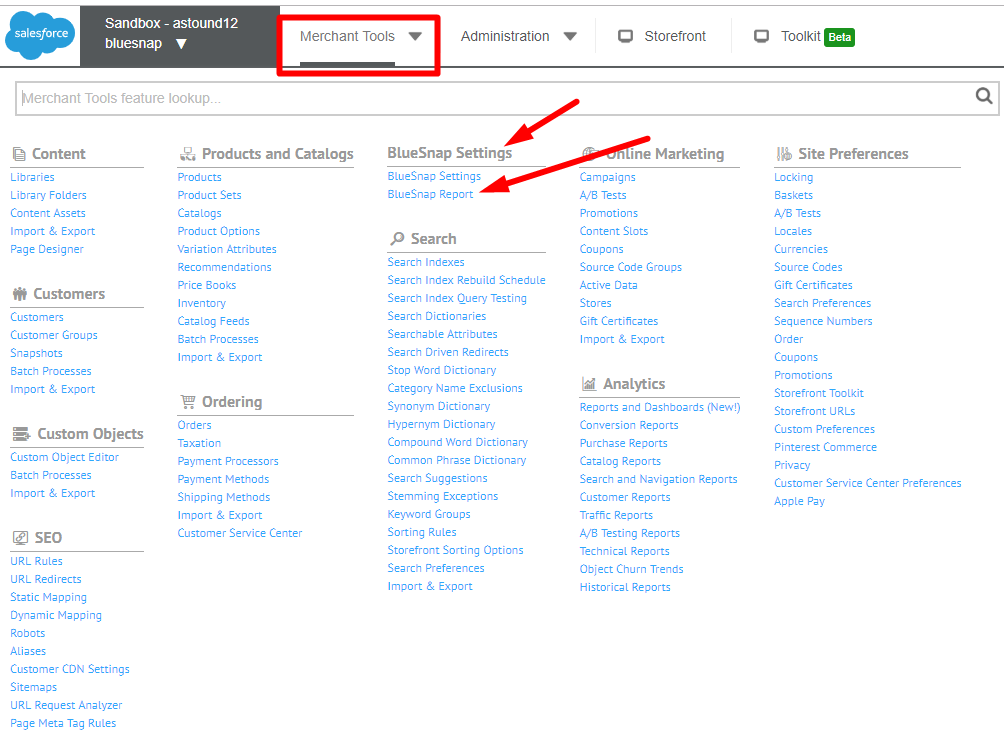


3. Find BlueSnap section fill the SoftDescriptor field and press Apply

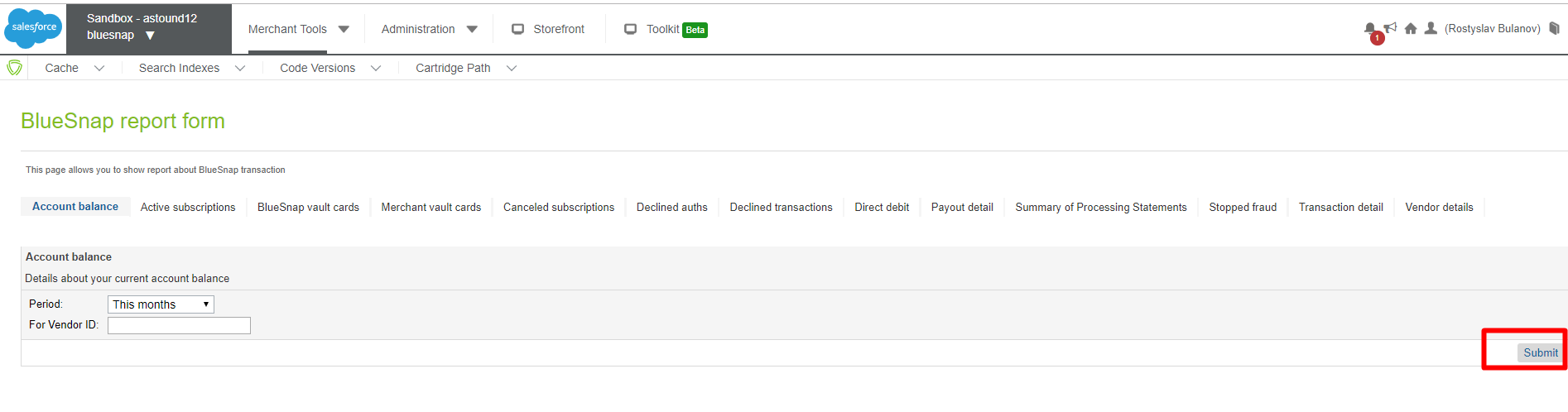


### **3.3.4 How to use Bluesnap Reports**

1. Go to Merchant Tools -> Bluesnap Settings -> BlueSnap Report



1. Choose Report type fill the form and press Submit



## **3.4 Integrating BlueSnap into your SiteGenesis storefront**

### **3.4.1 Perform changes in templates**

1. YOUR\_CARTRIDGE\_core/cartridge/templates/default/checkout/billing**/paymentmethods.isml**

Put the following

|  |
| --- |
| <isset name="getBlueSnapPreference" value="${require('int\_bluesnap/cartridge/scripts/lib/bluesnapdata.js')}" scope="page"/> |

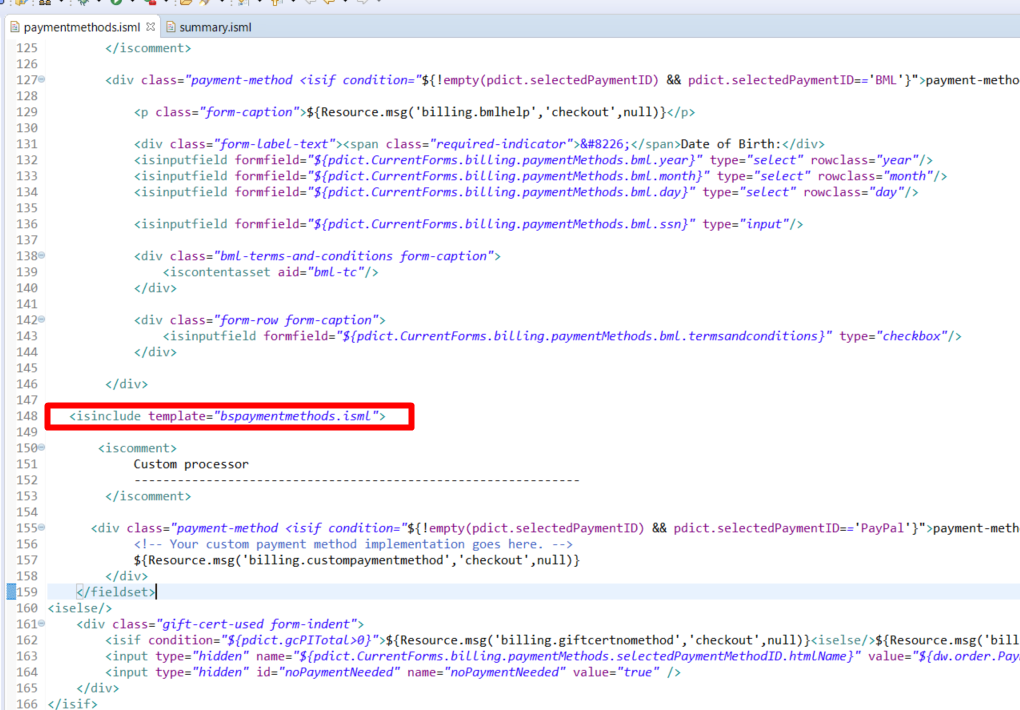
raw in line 13 and Insert the below code block inside of the *<isloop items="${pdict.CurrentForms.billing.paymentMethods.selectedPaymentMethodID.options}" var="paymentMethodType">* tag:

|  |
| --- |
| <isif condition="${paymentMethodType.value.indexOf('BLUESNAP\_') > -1 && !getBlueSnapPreference('Enable')}"><iscontinue/></isif>  <isif condition="${paymentMethodType.value.equals('BLUESNAP\_ACH\_PAYMENT') && !getBlueSnapPreference('ACH')}"><iscontinue/></isif>  <isif condition="${paymentMethodType.value.equals('BLUESNAP\_SEPA\_PAYMENT') && !getBlueSnapPreference('SEPA')}"><iscontinue/></isif>  <isif condition="${paymentMethodType.value.equals('BLUESNAP\_APPLE\_PAY') && !getBlueSnapPreference('ApplePay')}"><iscontinue/></isif>  <isif condition="${paymentMethodType.value.equals('BLUESNAP\_GOOGLE\_PAY') && !getBlueSnapPreference('GooglePay')}"><iscontinue/></isif>  <isif condition="${paymentMethodType.value.equals('BLUESNAP\_MASTERPASS') && !getBlueSnapPreference('Masterpass')}"><iscontinue/></isif>  <isif condition="${paymentMethodType.value.equals('BLUESNAP\_VISA\_CHECKOUT') && !getBlueSnapPreference('VisaCheckout')}"><iscontinue/></isif>  <isif condition="${paymentMethodType.value.equals('BLUESNAP\_LATAM') && !getBlueSnapPreference('LATAM')}"><iscontinue/></isif> |



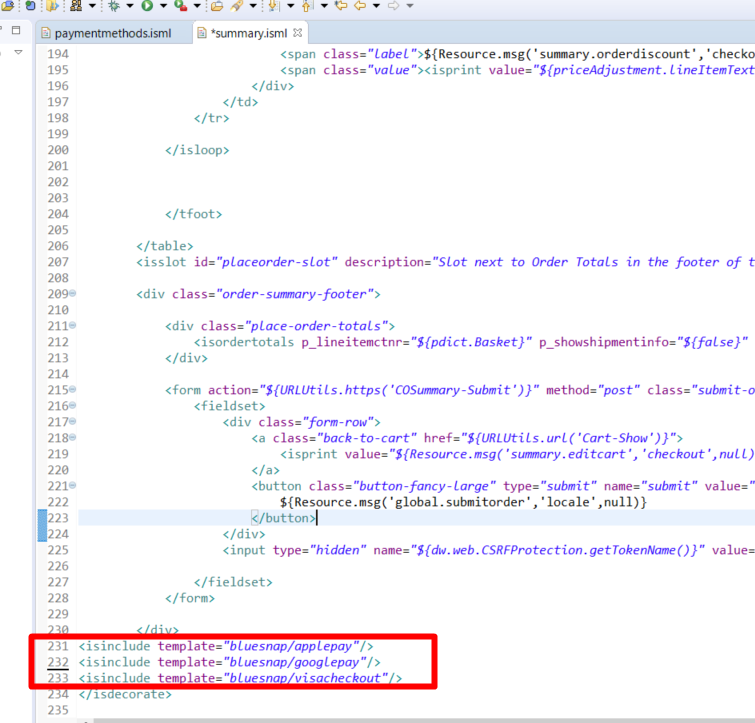
Paste the following line into the 148 line

|  |
| --- |
| <isinclude template="bspaymentmethods.isml"> |



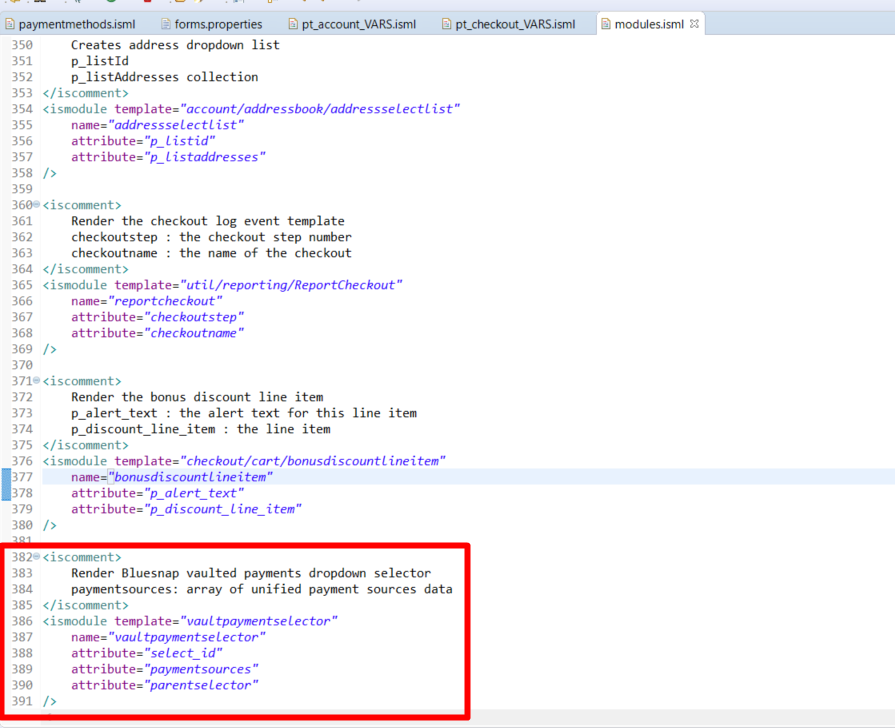
1. YOUR\_CARTRIDGE\_core/cartridge/templates/default/checkout/summary/**summary.isml** Paste following code sample into the end of template before closing </isdecorate> tag:

|  |
| --- |
| <isinclude template="bluesnap/applepay"/>  <isinclude template="bluesnap/googlepay"/>  <isinclude template="bluesnap/visacheckout"/> |



1. YOUR\_CARTRIDGE\_core/cartridge/templates/default/util/**modules.isml** Paste following code sample into the end of template:

|  |
| --- |
| <iscomment>  Render Bluesnap vaulted payments dropdown selector  paymentsources: array of unified payment sources data  </iscomment>  <ismodule template="vaultpaymentselector"  name="vaultpaymentselector"  attribute="select\_id"  attribute="paymentsources"  attribute="parentselector"  /> |



1. YOUR\_CARTRIDGE\_core/cartridge/templates/default/account/**pt\_account\_VARS.isml**

insert following line into the template:

|  |
| --- |
| <!-- Bluesnap Vault UI Scripts -->  <script src="${dw.web.URLUtils.staticURL('/js/bluesnap-account.js')}"></script> |

1. YOUR\_CARTRIDGE\_core/cartridge/templates/default/account/**pt\_checkout\_VARS.isml**

insert following line into the template:

|  |
| --- |
| <script src="${dw.web.URLUtils.staticURL('/js/bluesnap-checkout.js')}"></script> |

**Note:** In case you need to build client’s javascript in your own way: all client javascript files are located in static folders of **int\_bluesnap** and **int\_bluesnap\_controllers** cartridges.

# **Operations, Maintenance**

## **Data Storage**

*Intentionally left blank.*

## **Availability**

*Intentionally left blank.*

## **Support**

*Intentionally left blank.*

# **User Guide**

## **Roles, Responsibilities**

*Intentionally left blank.*

## **Business Manager**

*Configuration options described above in 3.1.*

## **Storefront Functionality**

The BlueSnap cartridge adds payment methods to the storefront, and gives opportunity to place order via these pament methods. All theese pament methods are working through the BlueSnap — All-in-One Payment Platform. Also it allows customer to store credit cards on Bluesnap side and pay with one click

# **Known Issues**

*Intentionally left blank.*

# **Release History**

|  |  |  |
| --- | --- | --- |
| **Version** | **Date** | **Changes** |
| 19.1 | August 2019 |  |