# STRIPE INTEGRATION

20.1.0



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# 1. Summary

The Stripe LINK Cartridge facilitates integration between a Commerce Cloud Storefront and Stripe Payment Services; including Stripe Elements, Sources, Webhooks, and Alternate Payment methods. Usage of Sources via Stripe.js, ability to create charges, and optional integration with Stripe's Relay service for embedded eCommerce solutions on social channels.

Contracting with Stripe is required for live, production deployment of the cartridge. Though the cartridge can be installed and tested using a freely available Stripe test account at <a href="https://dashbo ard.stripe.com">https://dashbo ard.stripe.com</a>. Please contact your Stripe Implementation Consultant for help with taking your Stripe account live.

The integration encompasses the deployment of several cartridges and modification of storefront code

## 2. Component Overview

#### **Functional Overview**

#### Stripe Elements and Sources

Stripe Elements modifies the default Commerce Cloud Credit Card collection and processing by using Stripe.js, a JavaScript library, to securely tokenize credit card data. Payments are then processed using the tokenized data, not the raw credit card information.

During checkout, the cartridge will create a source for any new cards or alternate payment methods entered by customers. This data is transformed into a Stripe Source. At the point of purchase, the stored, tokenized data is used to generate a Stripe Charge. Registered Customers can manage (add, delete) reusable payment methods in their storefront-connected Stripe Account for re-use in subsequent storefront purchases.

#### Use Cases

#### Stripe.js Sources

When customers enter credit card or other payment information on the storefront, the information is tokenized via Stripe.js in a client (browser)-to-Stripe interactions. Unmasked credit card data is therefore never sent to the Commerce Cloud servers.

#### **Stripe Charges**

System will create a Stripe Charge (authorize or capture, based on Business Manager configuration) from a successfully created and submitted Basket. All Stripe Charges are created against a Stripe payment Source.

#### **AVS Auto-Fail Transactions**

Site administrators can select a variety of AVS statuses for which an Order should be auto-failed. If the Stripe Charge returns any of the selected statuses for either address\_line1\_check or address\_zip\_check the Order will be auto-failed and the Stripe Charge reversed. Note that these settings can also be managed on the Stripe Dashboard.

Supported payment methods:

- Cards (Visa, Mastercard, American Express, Discover, Diners Club, JCB) Alipay
- The Payment Request Button Element gives you a single integration for Apple Pay, Google Pay, Microsoft Pay, and the browser standard Payment Request API.

#### Limitations, Constraints

Stripe offers a number of standard services that are not supported by the cartridge. These include support for Subscriptions, Plans, and Coupons.

The included RELAY OCAPI configurations are included as examples only. A RELAY implementation will require additional configuration and testing along with the Stripe team.

For any locale specific restrictions, please refer to https://stripe.com/docs/js.

#### Compatibility

Available since Commerce Cloud Platform Release 16.8, Site Genesis 103.0.0

The cartridge is available for installations on storefronts that support both Controller and SFRA SiteGenesis implemenations.

Privacy, Payment

No unmasked credit card data is stored within Commerce Cloud. The cartridge tokenizes all payment data via direct client-to-Stripe communications and obscures any sensitive credit card data before it arrives on the Commerce Cloud servers. Similarly, all credit card data that is retrieved by Commerce Cloud from the Stripe servers is also masked and/or tokenized.

## 3. Implementation Guide

#### Setup of Business Manager

The Stripe LINK Cartridge contains several cartridges that are required for full functionality. Additionally, Controller and SFRA support is broken out into two separate cartridges, thereby facilitating the installation and use of one or the other models.

Import all three cartridges into UX studio and associate them with a Server Connection.

#### Site Cartridge Assignment

- 1. Navigate to Administration > Sites > Manage Sites
- 2. Click on the Site Name for the Storefront Site that will add Stripe Functionality
- 3. Select the "Settings" tab
- 4. For Controllers "app\_stripe\_controllers:app\_stripe\_core:int\_stripe\_controllers:int\_stripe\_core" need to be added to the cartridge path
- 5. Repeat steps 2 4 for each Storefront Site where Stripe will be implemented

#### Business Manager Cartridge Assignment

- 1. Navigate to Administration > Sites > Manage Sites Click on the Business Manager Site > "Manage the Business Manager site." Link
- 2. Add "int\_stripe\_core" to the Cartridges: path

#### Metadata import

- 1. Navigate to the metadata folder of the project and open the stripe site template folder.
- 2. Open the sites folder and edit the 'siteIDHere' folder to the site ID of the site you want.
- 3. Add a folder for each site you need stripe on.
- 4. Navigate to Administration > Site Development > Site Import & Export
- 5. Zip the stripe\_site\_template folder and import it.

#### **Building Stripe Styling**

Copy app\_stripe\_core/cartridge/scss/default/stripe.scss into your app\_storefront\_core cartridge. Import the file on the bottom of style.scss and compile the CSS.

#### Add New Payment Processors

There are two payment processors used in the Stripe cartridge. "STRIPE\_CREDIT" is used for credit card handling while "STRIPE\_APM" is used for the asynchronous payment model (Bank transfers, GiroPay, etc).

If using Stripe credit cards, Navigate to Merchant Tools > Ordering > Payment Processors and click the "New" button. In the new window set the ID attribute to value "STRIPE\_CREDIT" and click "Apply".

If using APM methods, again, click the "New" button. In the new window set the ID attribute to value "STRIPE\_APM" and click "Apply". This payment method is for the non-credit card (APM methods)

#### **Update Payment Methods**

Navigate to Merchant Tools > Ordering > Payment Methods, click on the CREDIT\_CARD payment method and select the STRIPE CREDIT payment processor in dropdown under the CREDIT CARD Details section

If using APM payment methods and/or the Payment Request Button then enable the desired payment methods as well: The STRIPE\_APM\_METHODS will provide the ability to include all of the supported Stripe methods. See <a href="https://stripe.com/payments/payment-methods-guide">https://stripe.com/payments/payment-methods-guide</a>

To utilize the Stripe Payment Request Button, enable the "STRIPE\_PAYMENT\_REQUEST\_BTN" payment method. See https://stripe.com/docs/stripe-js/elements/payment-request-button

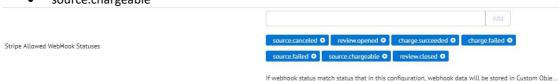
#### Configuration

Update the Merchant Tools > Site Preferences > Custom Site Preferences > Stripe Configurations with Site specific values.

- 1. Stripe Secret API Key a. Can be obtained through the Stripe Dashboard (<a href="https://dashboard.stripe.com/account/apikeys">https://dashboard.stripe.com/account/apikeys</a>)
- 2. Stripe Publishable API Key a. Find along with Stripe Secret API Key
- 3. Is this SFRA installation. Set to yes if the current site is using the Storefront Reference Architecture (SFRA)
- 4. Capture Funds on Stripe Charge a. Default value: true (Yes) b. Set to false (No) to instead Authorize Stripe Charges
- 5. Stripe Card Element CSS Style a. Enter the CSS styling that the Card element button should inherit to fit within the overall storefront styles. Style Configuration for Stripe Elements e.g, {"base": {"fontFamily": "Arial, sans-serif", "fontSize": "14px", "color": "#C1C7CD"}, "invalid": {"color": "red" } }
- 6. Stripe API URL https://js.stripe.com/v3/
- Stripe Payment Request Button Style a. For the payment request button, select the limited CSS styling that the button should display with. See <a href="https://stripe.com/docs/stripe-js/eleme">https://stripe.com/docs/stripe-js/eleme</a>
   nts/payment-requestbutton#styling-the-element
- 8. ApplePay Verification String i. Enter the Apple verification string provided from the Stripe dashboard. ii. This is a one time enablement. The Stripe console will proxy the Apple Pay for Web verification String upon setup. This will need to be configured into the sandbox if the Payment Request Button will be used as a form of payment on the storefront.
- Country Code (Stripe Payment Request Button) Country Code e.g, US. This will be the default
  country code for the Payment Request Button. Customization may be needed on a multi country
  single site in order to dynamically pass the country code rather than the site preference (if needed).
  <a href="https://stripe.com/docs/stripe-js/elements/payment-request-button#create-payment-requestinstance">https://stripe.com/docs/stripe-js/elements/payment-request-button#create-payment-requestinstance</a>
- 10. Stripe Webhook Signing Secret i. Enter the webhook signing secret provided by the stripe dashboard. Stripe will sign webhook calls and pass a validation to SFCC. SFCC will validate the contents of the message via this key.
- 11. Stripe allowed Webhook Statuses i. Configure the allowed statuses for Webhooks to respond to.

### Set to:

- review.opened
- review.closed
- charge.succeeded
- charge.failed
- source.canceled
- source.failed
- source.chargeable

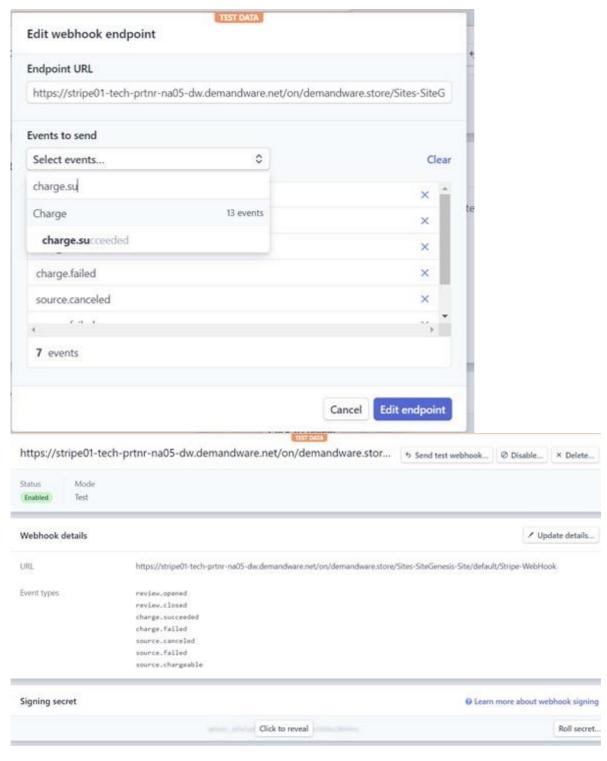


- 12. Allowed APM Methods a. Update this field, per site locale, to indicate which alternate payment methods are enabled for each locale. Enumeration of allowed Payment Methods from the Stripe API. See more here: <a href="https://stripe.com/docs/sources">https://stripe.com/docs/sources</a> { "default": [ "p24", "eps", "sepa\_debit", "ideal", "sofort", "bitcoin", "alipay", "bancontact", "giropay"], "en\_UK": [ "p24", "eps"], "de\_AT": [ "sofort", "ideal"] }
- 13. Stripe Enabled Enables or disables the cartridge

## Stripe Dashboard

In the Stripe Dashboard (<a href="https://dashboard.stripe.com/test/webhooks">https://dashboard.stripe.com/test/webhooks</a>) enable webhooks, point it to Stripe-WebHook controller and subscribe to these events:

- review.opened
- review.closed
- charge.succeeded
- charge.failed
- source.canceled
- source.failed
- source.chargeable



Then copy the signing secret to the 'Stripe Webhook Signing Secret' preference. Make sure that this value is set to your Stripe account country code: {LINK Integration Documentation}

For ApplePay to work, the file RedirectURL.js must be changed with this code:

```
/**

* Gets the redirect. Renders the template for a redirect (util/redirectpermanent template). If no redirect can be found,

* renders an error page (util/redirecterror template).

// stripe change BEGIN

// stripe change BEGIN

if (URLRedirectMgr.getRedirectOrigin() === '/.well-known/apple-developer-merchantid-domain-association') { // Intercept the incoming path request app.getView().render('stripe/util/apple'); return;

// stripe change END

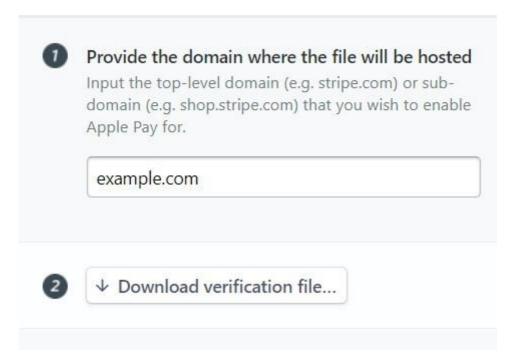
// stripe c
```

Then you then need to set an alias to one of the sites on the sandbox temporarily so the stripe dashboard can verify the domain. The alias needs to be something like this:

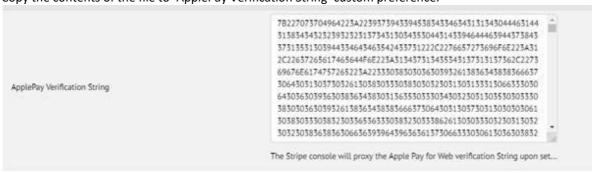
```
{
"__version": "1",
    "settings": {
        "http-host": "your.sandbox.domain.demandware.net",
        "default": "true",
        "site-path": "/"
    },
    "your.sandbox.domain.demandware.net": [
        {
            "locale": "en_GB",
            "if-site-path": "/"
        }
    ]
}
```

The locale value needs to be a locale that is not disabled.

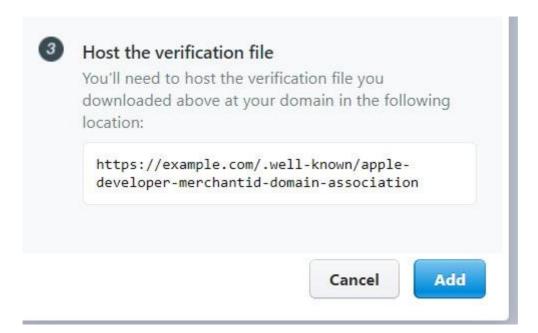
Then go to <a href="https://dashboard.stripe.com/account/apple\_pay">https://dashboard.stripe.com/account/apple\_pay</a> and click on 'Add new domain' button. Enter the domain and download the verification file:



Copy the contents of the file to 'ApplePay Verification String' custom preference:



Then click on the 'Add' button:



#### Custom Code

The base LINK Cartridge code contains support for all credit cards supported by Stripe. Note that the list of allowed cards on the storefront is still limited by the Credit/Debit Cards list in Business Manager (Merchant Tools > Ordering > Payment Methods > Credit/Debit Cards).

Make the following updates to the Storefront Code. Examples provided are based on SiteGenesis version (103.1.11). The initial integration effort should take from ½ to 2 days, based on a SiteGenesis installation. Below are the customizations made to SiteGenesis code.

#### **Controller: COBilling.js**

app\_storefront\_controllers/cartridge/controllers/COBilling.js

Add the following if statement to function initCreditCardList()

```
//Stripe change BEGIN
  var stripeHelper = require('int_stripe_core').getStripeHelper();
  if (stripeHelper.isStripeEnabled()) {
     applicablePaymentMethods =
  stripeHelper.getStripePaymentMethods(applicablePaymentMethods, request.locale);
  }
  //Stripe change END
```

Update billing() / save() function as below:

```
Transaction.wrap(function() {
  var cart = app.getModel('Cart').get();
  if (!resetPaymentForms() || !validateBilling() || !handleBillingAddress(cart)
|| // Performs validation steps, based upon the entered billing address
    // and address options.
    handlePaymentSelection(cart).error) { // Performs payment method specific
checks, such as credit card verification.
    returnToForm(cart);
  } else {
    if (customer.authenticated &&
app.getForm('billing').object.billingAddress.addToAddressBook.value) {
 app.getModel('Profile').get(customer.profile).addAddressToAddressBook(cart.getB
illingAddress());
    }
    // Mark step as fulfilled
    app.getForm('billing').object.fulfilled.value = true;
    // A successful billing page will jump to the next checkout step.
    //Stripe changes BEGIN
    if (request.httpParameterMap.isParameterSubmitted('stripe_redirect_url') &&
!empty(request.httpParameterMap.stripe_redirect_url.stringValue)) {
 response.redirect(request.httpParameterMap.stripe_redirect_url.stringValue);
    } else {
        require('./cosummary').Start();
    }
    //Stripe changes END
    return;
  }
});
```

#### Controller: COPlaceOrder.js

app\_storefront\_controllers/cartridge/controllers/COPlaceOrder.js

Update start() function as below right after this line "var saveCCResult = COBilling.SaveCreditCard();" until the closing parenthesis.

```
// Recalculate the payments. If there is only gift certificates, make sure it covers the order total, if not
// back to billing page.

Transaction.wrap(function () {

if (!cart.calculatePaymentTransactionTotal()) {

COBilling.Start();

return {};

}

}

});
```

Later down the method after the "else if" block for missing payment info is closed add the following code:

```
var isAPMOrder = stripeCheckoutHelper.isAPMOrder(order);
    if (!isAPMOrder) {
        var stripePaymentInstrument =
stripeCheckoutHelper.getStripePaymentInstrument(order);
        if (stripePaymentInstrument &&
order.custom.stripeIsPaymentIntentInReview) {
            return {
                Order: order,
                order_created: true
            };
        } else {
            var orderPlacementStatus = Order.submit(order);
            if (!orderPlacementStatus.error) {
                clearForms();
            } else {
                stripeCheckoutHelper.refundCharge(order);
            return orderPlacementStatus;
        }
    } else {
        const Email = app.getModel('Email');
        const Resource = require('dw/web/Resource');
        Email.sendMail({
            template: 'stripe/mail/orderreceived',
            recipient: order.getCustomerEmail(),
            subject: Resource.msg('order.ordercreceived-email.001', 'stripe',
null),
            context: {
                Order: order
        });
        return {
            Order: order,
            order_created: true
        };
    }
```

```
error: true,
            PlaceOrderError: new Status(Status.ERROR, 'confirm.error.technical')
var isAPMOrder = stripeCheckoutHelper.isAPMOrder(order);
if (!isAPMOrder) {
   var stripePaymentInstrument = stripeCheckoutHelper.getStripePaymentInstrument(order);
    if (stripePaymentInstrument && order.custom.stripeIsPaymentIntentInReview) {
           Order: order,
            order_created: true
        var orderPlacementStatus = Order.submit(order);
        if (!orderPlacementStatus.error) {
           clearForms();
            stripeCheckoutHelper.refundCharge(order);
        return orderPlacementStatus;
   const Email = app.getModel('Email');
   const Resource = require('dw/web/Resource');
   Email.sendMail({
       template: 'stripe/mail/orderreceived',
       recipient: order.getCustomerEmail(),
       subject: Resource.msg('order.ordercreceived-email.001', 'stripe', null),
       context: {
           Order: order
      Order: order,
        order_created: true
```

#### **Controller: COShipping.js**

app\_storefront\_controllers/cartridge/controllers/COShipping.js

In the function start() after if (cart.getProductLineItems().size() === 0) {

Add this code:

```
require('./COBilling').Start();
```

```
session.forms.singleshipping.shippingAddress.shippingMethodID.value = cart.getDefaultShipment().getShippingMethodID();

// Prepares shipments.
homeDeliveries = prepareShipments();

Transaction.wrap(function () {
    cart.calculate();
});

// Go to billing step, if we have no product line items, but only gift certificates in the basket, shipping is not required.
if (cart.getProductLineItems().size() === 0) {
    //Stripe changes BEGIN
    require('./CoBilling').Start();
    //Stripe changes END
} else {
    pageMeta = require('*/cartridge/scripts/meta');
    pageMeta = require('*/cartridge/scripts/meta');
    pageMeta.update({
        pageItle: Resource.msg('singleshipping.meta.pagetitle', 'checkout', 'SiteGenesis Checkout')
});

app.getView({
    ContinueURL: URLUtils.https('COShipping-SingleShipping'),
    Basket: cart.object,
    HomeDeliveries: homeDeliveries
}).render('checkout/shipping/singleshipping');
}
```

In the function singleShipping() after the line session.forms.singleshipping.fulfilled.value = true;

Add this code:

```
require('./COBilling').Start();
```

#### Controller: PaymentInstruments.js

app\_storefront\_controllers/cartridge/controllers/PaymentInstruments.js

Update the list() function as below:

```
var stripeHelper = require('int_stripe_core').getStripeHelper();
var paymentInstruments;

if (stripeHelper.isStripeEnabled()) {
    var wallet = stripeHelper.getStripeWallet(customer);
    var paymentInstruments = wallet.getPaymentInstruments();
} else {
    var wallet = customer.getProfile().getWallet();
    var paymentInstruments =
wallet.getPaymentInstruments(dw.order.PaymentInstrument.METHOD_CREDIT_CARD);
}
```

Which should look like this:

```
/**

24 * Displays a list of customer payment instruments.

25 *

26 * Gets customer payment instrument information. Clears the paymentinstruments form and adds the customer

27 * payment information to it. Updates the page metadata.

28 * Renders a list of the saved credit card payment instruments of the current

29 * customer (account/payment/paymentinstrumentlist template).

30 */

31 function list() {

22    //Stripe changes BEGIN

23    war stripeHelper = require('int_stripe_core').getStripeHelper();

34    war paymentInstruments;

35    if (stripeHelper.isStripeEnabled()) {

36         var paymentInstruments = wallet.getPaymentInstruments();

37         var paymentInstruments = wallet.getPaymentInstruments();

38         var wallet = customer.getProfile().getWallet();

49         var paymentInstruments = wallet.getPaymentInstruments(dw.order.PaymentInstrument.METHOD_CREDIT_CARD);

40         var pageMeta = require('*/cartridge/scripts/meta');

41         var paymentForm = app.getForm('paymentinstruments');

42         paymentForm.clear();

43         paymentForm.get('creditcards.storedcards').copyFrom(paymentInstruments);

44         paymentForm.get('creditcards.storedcards').copyFrom(paymentInstruments);

45         paymentInstruments: paymentInstruments

46         paymentForm.get('creditcards.storedcards').copyFrom(paymentInstruments);

47         paymentForm.get('creditcards.storedcards').copyFrom(paymentInstruments);

48         paymentForm.get('creditcards.storedcards').copyFrom(paymentInstruments);

49         paymentForm.get('creditcards.storedcards').copyFrom(paymentInstruments);

49         paymentForm.get('creditcards.storedcards').copyFrom(paymentInstruments);

49         paymentForm.get('creditcards.storedcards'):

40         paymentForm.get('creditcards.storedcards'):

41         paymentForm.get('creditcards.storedcards'):

42         paymentForm.get('creditcards.storedcards'):

43         paymentForm.get('creditcards.storedcards'):

44         paymentForm.get('creditcards.storedcards'):

45
```

#### Controller: RedirectURL.js

app\_storefront\_controllers/cartridge/controllers/RedirectURL.js

In the function start add the following code:

#### External Interfaces

Stripe functionality relies heavily on external calls to the Stripe services. All external interfaces use the Service Framework to communicate with the Stripe API.

Stripe accounts are free to create and use. Most communications with Stripe services are logged and easily accessible in the Stripe Dashboard (<a href="http://dashboard.stripe.com">http://dashboard.stripe.com</a>). It is highly encouraged to use the Stripe Dashboard to monitor and test your integration.

The main configuration for integration of the Stripe services can be found under **Administration > Operations > Services** 

There is a different service for each external call:

- stripe.http.addCard
- stripe.http.authorizePayment
- stripe.http.createCharge
- stripe.http.createCustomer
- stripe.http.deleteCard
- stripe.http.fetchCustomerCards
- stripe.http.fetchCustomerSources
- stripe.http.refundCharge
- stripe.http.retrieveCustomer
- stripe.http.service
- stripe.http.updateCard

All of these services use the same profile and the same credentials. The only thing that may be different is whether or not the communication log is enabled and the log name prefix. Here is the configuration of some of the services:



Fields with a red asterisk (\*) are mandatory. Click Apply to save the details. Click Reset to revert to the last saved state.

| Name:*                                      | stripe.http.addCard |   |
|---|---------------------|---|
| Туре:                                       | HTTP ▼              |   |
| Enabled:                                    |                     |   |
| Service Mode:                               | Live ▼              |   |
| Log Name Prefix:                            | Stripe              |   |
| Communication Log Enabled:                  | €                   |   |
| Force PRD Behavior in Non-PRD Environments: |                     |   |
| Profile:                                    | StripeProfile       | • |
| Credentials:                                | StripeCredentials   | • |

# stripe.http.authorizePayment®

Fields with a red asterisk (\*) are mandatory. Click Apply to save the details. Click Reset to revert to the last saved state.

| Name:*                                      | stripe.http.authorizePayment |
|---|------------------------------|
| Туре:                                       | HTTP ▼                       |
| Enabled:                                    | €                            |
| Service Mode:                               | Live ▼                       |
| Log Name Prefix:                            | Stripe                       |
| Communication Log Enabled:                  | <b>⊘</b>                     |
| Force PRD Behavior in Non-PRD Environments: |                              |
| Profile:                                    | StripeProfile ▼              |
| Credentials:                                | StripeCredentials •          |

# stripe.http.createCharge®

Fields with a red asterisk (\*) are mandatory. Click Apply to save the details. Click Reset to revert to the last saved state.

| Name:*                                    | stripe.http.createCharge |
|---|--------------------------|
| Туре:                                     | HTTP ▼                   |
| Enabled:                                  | •                        |
| Service Mode:                             | Live •                   |
| Log Name Prefix:                          |                          |
| Communication Log Enabled:                |                          |
| rce PRD Behavior in Non-PRD Environments: | ✓                        |
| Profile:                                  | StripeProfile ▼          |
| Credentials:                              | StripeCredentials •      |

Firewall Requirements

No requirements

# 4. Testing

Please, find more details on the test case document in the same folder.

## 5. Operations, Maintenance

#### Data Storage

The Stripe LINK cartridge extends Commerce Cloud to store several data points.

Customer Profile: Stripe Customer ID, used to retrieve information about the customer's record in your Stripe account.

1. stripeCustomerID(string) - Store Stripe customer ID

#### Order/Basket Custom attributes

- 1. stripePaymentIntentID(String) Store payment intent ID.
- 2. stripelsPaymentIntentInReview(Boolean) Store payment intent in review

#### Payment Transaction custom attributes

- 1. stripeChargeId(string) Store charge id
- 2. stripeChargeOutcomeData(text) Store charge outcome data
- 3. stripeClientSecret(string) Store client secret
- 4. stripeJsonData(text) Store webhook JSON data
- 5. stripeOrderNumber(number) Store order number
- 6. stripeSourceCanCharge(boolean) Store if Stripe source can be charged
- 7. stripeSourceId(string) Store Stripe source ID

#### Payment Transaction custom attributes

- 1. stripeChargeId(string) Store charge ID
- 2. stripeCardID(string) Store card ID
- 3. stripeCustomerID(string) Store customer ID
- 4. stripeDefaultCard(boolean) Store Stripe default card
- 5. stripeClientSecret(string) Store client secret
- 6. stripePRUsed(boolean) Store payment request button used
- 7. stripeSavePaymentInstrument(boolean) Store save payment instrument
- 8. stripeSourceID(string) Store Stripe source ID

Custom Objects: In Business Manager, navigate to the Merchant Tools > Custom Objects > Custom Objects. Below custom object is there.

1. StripeWebhookNotifications

Custom Site Preferences: noted in detail above (section Configuration).

#### Availability

Please refer to the Stripe Service Level Agreement <a href="https://stripe.com/legal">https://stripe.com/legal</a> to determine specific up-times for the service. In case the service fails, there is no fail-over to allow transactions to proceed. Users will instead be provided with friendly error messaging.

#### Failover/Recovery Process

If the Stripe service is unavailable the user will not be able to checkout.

The service availability can be tracked in SFCC using the Service Status.

| _    |   |   |        |    |
|------|---|---|--------|----|
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For defects or recommendations on improvements, please contact Stripe Support (<a href="https://support.stripe.com">https://support.stripe.com</a>).

## 6. User Guide

Roles, Responsibilities

There are no recurring tasks required by the merchant. Once configurations and job schedules are set up, the functionality runs on demand.

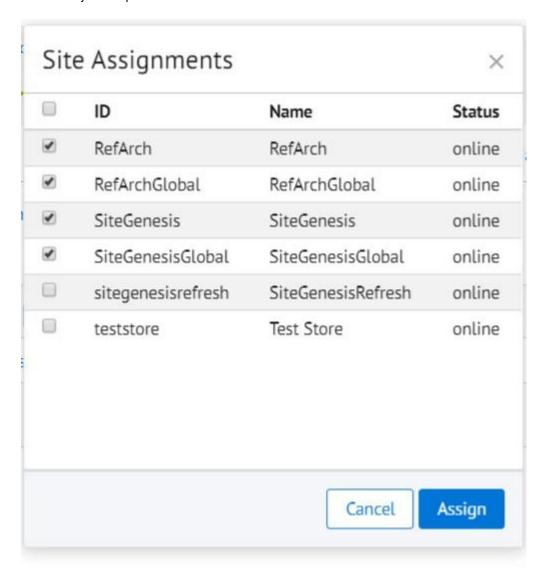
**Business Manager** 

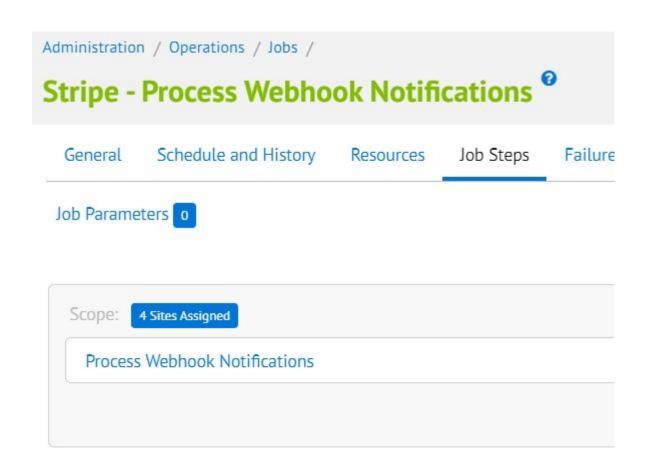
Business Manager settings and configuration notes are described in detail in the Configurations section.

There are 2 jobs coming with the cartridge:

- Stripe Delete Custom Objects
- Stripe Process Webhook Notifications

Enable the job "Stripe - Process Webhook Notifications" for the desired site:





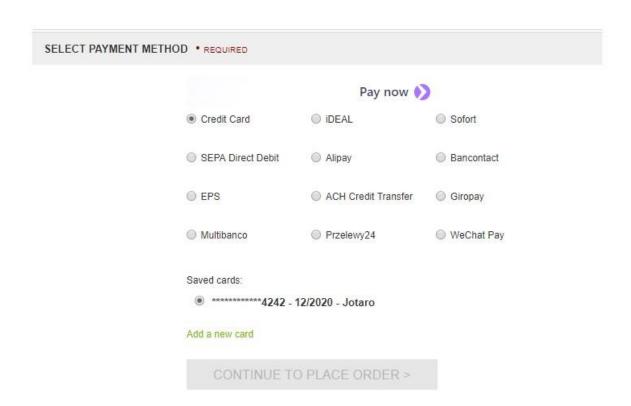
#### Storefront Functionality

#### **Credit Card Tokenization**

Stripe.js credit card tokenization requires the inclusion of JavaScript on the payment forms, both during Checkout > Billing as well as My Account > Saved Payment Instruments. Additionally, the credit card 'type' form fields are automatically detected and updated rather than requiring user selection.

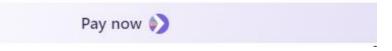
#### Saved Credit Cards

When an authenticated customer selects a saved credit card on the Checkout > Billing page, they will see a list of their Stripe-saved payment Sources as radio buttons rather than the default SiteGenesis select options.



#### Payment request button

When a customer has a saved address and credit card information in their browser they see the payment request button (Pay Now). The Payment Request Button Element gives you a single integration for Apple Pay, Google Pay, Microsoft Pay, and the browser standard Payment Request API.



Customers see the button above or an Apple Pay button, depending on what their device and browser combination supports. If neither option is available, they don't see the button. Supporting Apple Pay requires <u>additional steps</u>, but compatible devices automatically support browser-saved cards, Google Pay, and Microsoft Pay.

# 7. Known Issues

The LINK Cartridge has no known issues.

# 8. Release History

| Version | Date       | Changes  |
|---------|------------|--|
| 20.1.0  | 2020-02-01 | Update documentation to match the new Salesforce template  |
| 18.1.0  | 2019-04-15 | Update to use Stripe elements, sources, payment request button, webhooks and asynchronous payments |
| 16.1.0  | 2019-07-30 | Initial release  |