

Braintree Payment Marketplace Add-On v3.0.0

August 3, 2017

Braintree Payment Marketplace Add-On, allows the seller to add Braintree Payment Gateway for their products. This module simplifies the payment process for the online store.

Meanwhile, using this module customers can do the transaction with a reliable and secure payment gateway. It will provide an easy refund process for its customers.

Further, the admin and the seller both can refund the invoice amount. And both have the option to partially refund the amount as well.

Note : Online refund by seller and admin will be applicable when the transaction status is “Settled”.

This module is an add-on of **Webkul's Marketplace Module**. To use this module you must have installed first [Webkul's Marketplace](#).

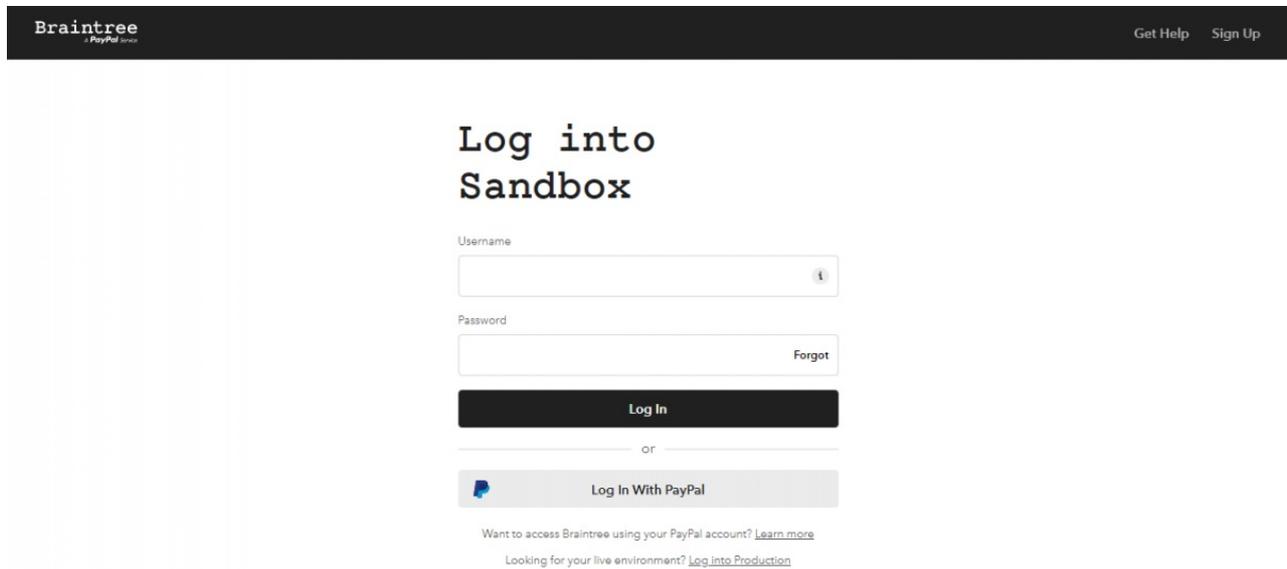
Features

- Allow all types of cards supported by the Braintree.
- Latest Braintree Drop-in UI used for the checkout page.
- Fully PCI Compliant, no card details submitted to the client's server.
- The admin can enable vault to store card details.
- Customers can re-use card details if saved in the vault.
- The admin can enable escrow seller funds to release in the future.
- Admin can set to release escrow amount automatically (using cron, will execute daily at 1 am).
- The admin can define when to release escrow amount in the number of days.
- The admin can also manually release an escrowed amount for a particular transaction in the order.
- Admin can refund the invoice amount.
- The admin can partially refund the invoice amount.
- Enable/disable payment method from the admin panel.
- The seller can refund Braintree transactions online.
- The seller can also partially refund the order.
- The payment automatically splits to sellers at the time of checkout
- The seller can become sub-merchant by providing details, and able to receive funds if payment is done by Marketplace Braintree Payment Method.
- Braintree uses webhooks to check the sub-merchant status and update the seller accordingly and to inform the seller about transaction disbursement, cancel, or any dispute.

How To Get The API Credentials

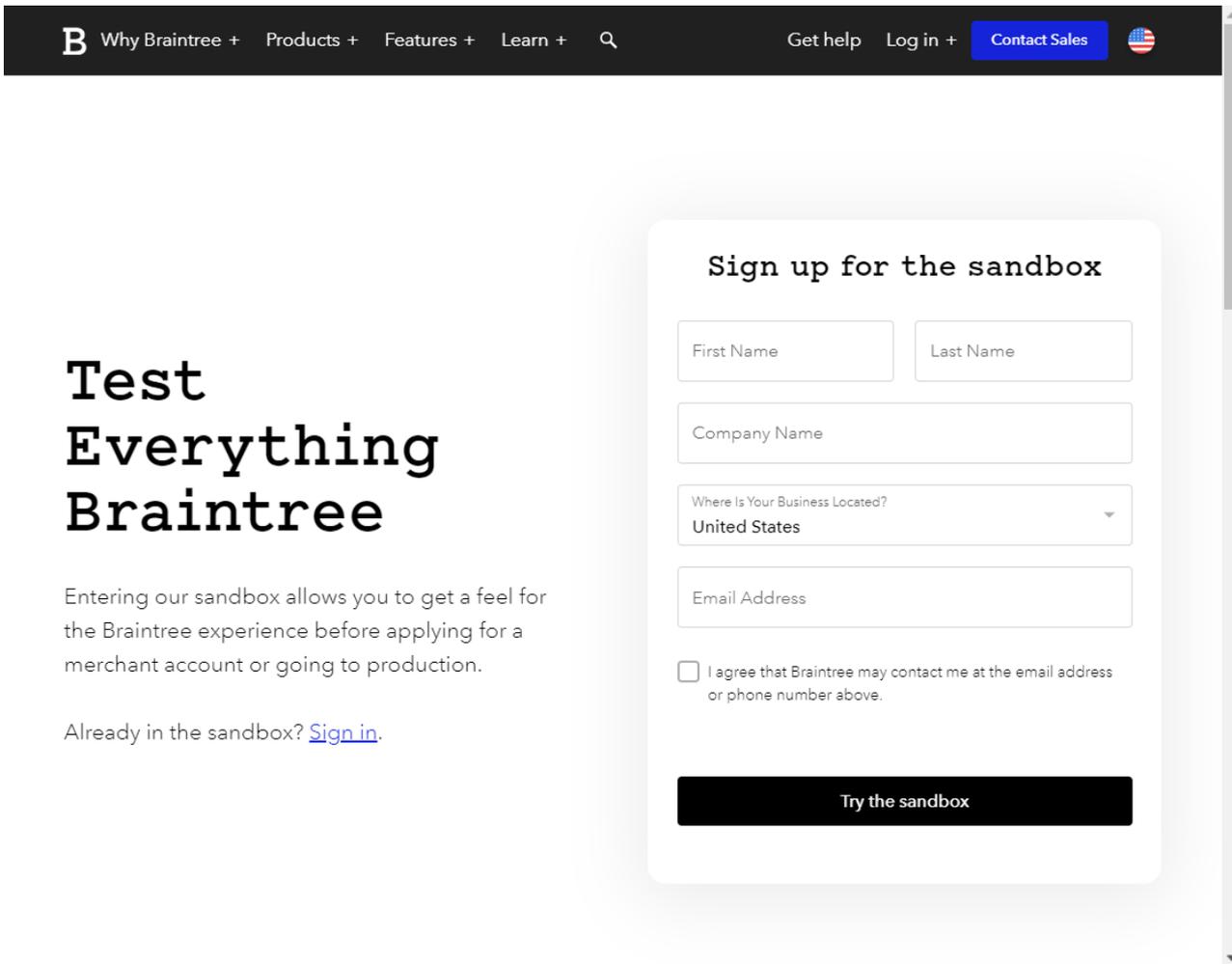
To generate the API credentials from a **sandbox account**, the user can click on the link: <https://sandbox.braintreegateway.com/login>

Login to the production account via link: <https://www.braintreegateway.com/login>

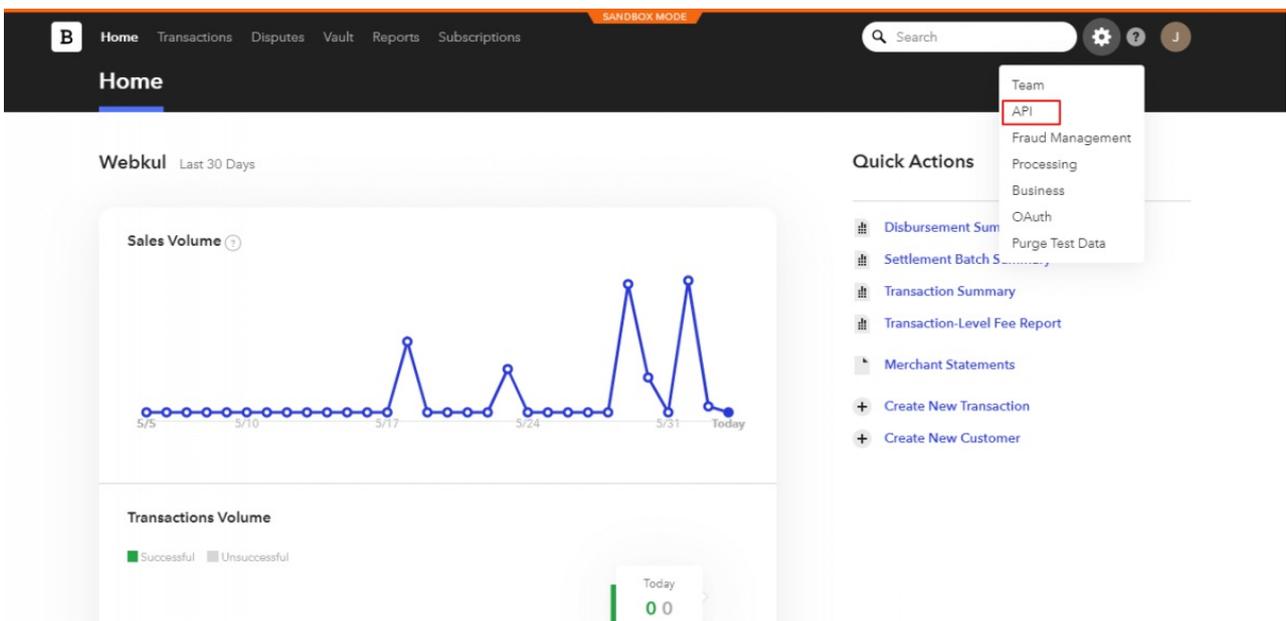


The image shows the Braintree Sandbox login page. At the top left is the Braintree logo with the PayPal logo below it. At the top right are links for "Get Help" and "Sign Up". The main heading is "Log into Sandbox". Below this are two input fields: "Username" and "Password". The "Password" field has a "Forgot" link to its right. Below the input fields is a black "Log In" button. Underneath the button is the word "or" and a "Log In With PayPal" button featuring the PayPal logo. At the bottom, there are two links: "Want to access Braintree using your PayPal account? [Learn more](#)" and "Looking for your live environment? [Log into Production](#)".

In case the user do not have any account, then they can click on the signup button present in the top right corner. This will be present in the sandbox account. The sign up form is shown in the image below:



After completing the login process, the user can now see the Homepage. Further, under the **Settings** icon the customer will click on the **API** option.



Moreover, this will redirect the customer to the API keys page, where the user can see the API Keys, Tokenization Keys, etc. The list will be visible with the previously created keys as shown in the image below:

Sandbox API Keys

Manage the ways you authorize requests to Braintree: API keys for server requests, Tokenization keys for client requests, and Client-Side Encryption Keys for client-side encryption.

API Keys

Server use only, should not be shared.

Public Key	Private Key	Last Used On	Actions
52gi [redacted] 3z	View	06/02/2020	Delete
jszp [redacted] gb2	View	06/02/2020	Delete
36 [redacted] 7	View	05/23/2020	Delete

[+ Generate New API Key](#)

Tokenization Keys

For use in Braintree SDKs

Key	Label	Last Used On	Status	Actions
sar [redacted] m9kjh		2017-07-12	Active	Edit

[+ Generate New Tokenization Key](#)

Client-Side Encryption Keys

For use in client SDKs prior to Braintree SDKs

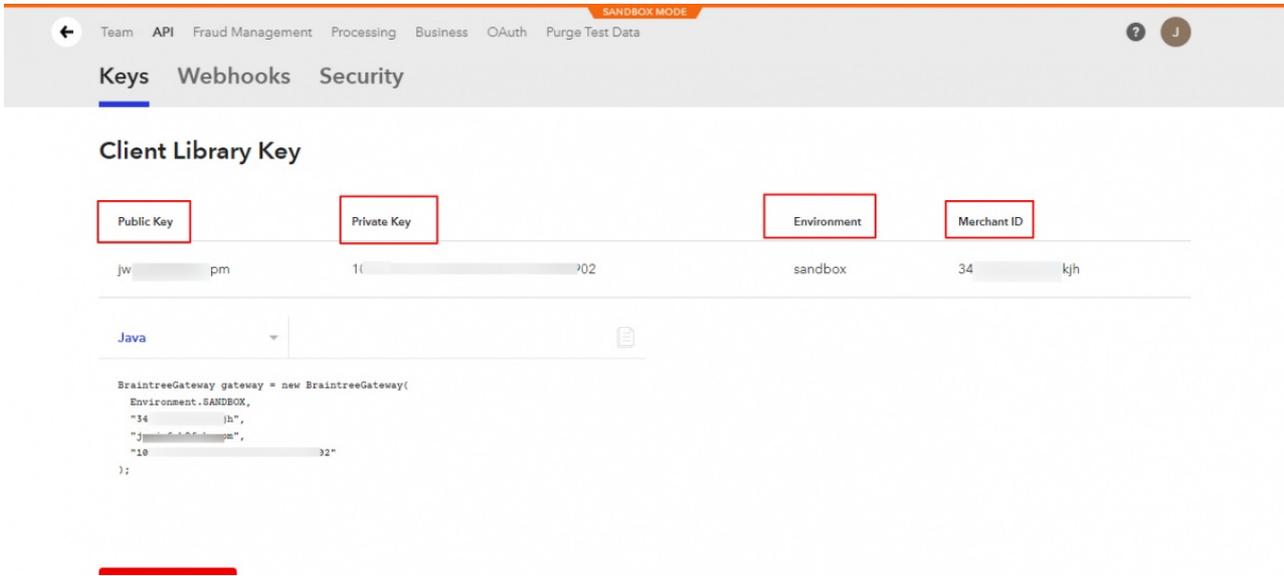
Environment:

Merchant ID:

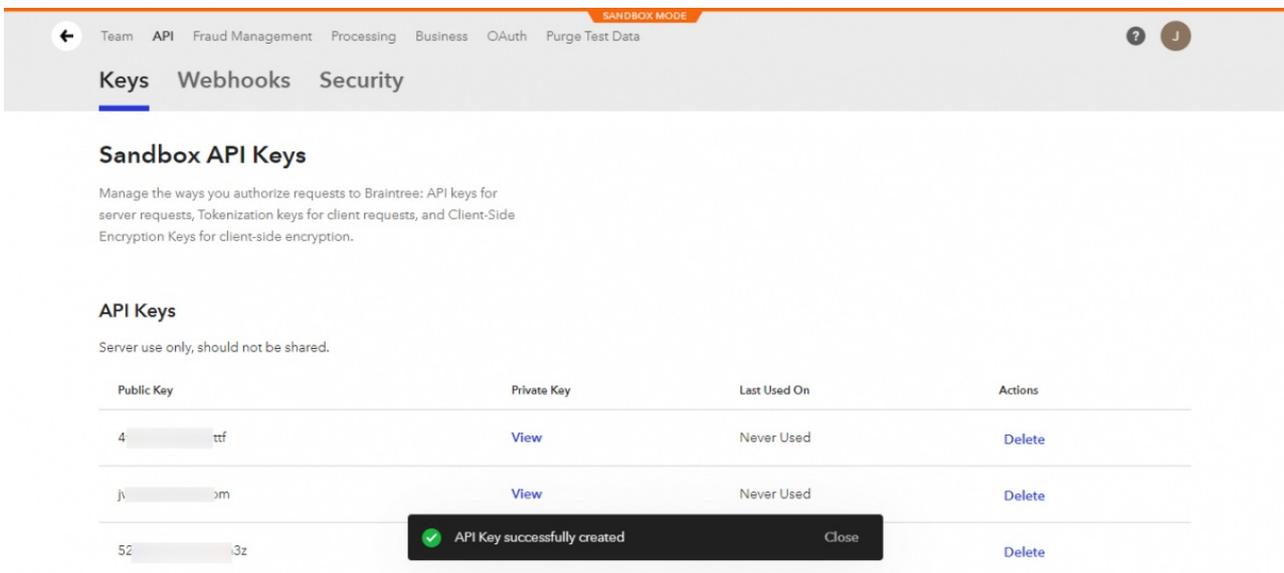
CSE Key:

Never Used:

By clicking on the **View** button under the **Private Key** tab of API Keys, the user can check the private keys too. They will be visible as shown in the image below:



The user can also generate the new credentials by clicking on the **Generate new API Key** button. After that a popup will appear as shown in the image below:



The user can also generate the new tokenization credentials by clicking on the **Generate Tokenization API Key** button. After that a popup will appear as shown in the image below:

SANDBOX MODE

Team API Fraud Management Processing Business OAuth Purge Test Data

Keys Webhooks Security

Tokenization Keys

For use in Braintree SDKs

Key	Label	Last Used On	Status	Actions
san [redacted] kjh		Not used	Active	Edit
sa [redacted] h		Not used	Active	Edit
sa [redacted] h		2017-07-12	Active	Edit

[+ Generate New Tokenization Key](#)

Client-Side Encryption Keys

For use in client SDKs prior to Braintree SDKs

✔ Tokenization key successfully created [Close](#)

Generate Merchant Account

For checking/ generating the merchant ID, the user can again click on the setting icon and choose the **OAuth** tab as shown in the image below:

SANDBOX MODE

Home Transactions Disputes Vault Reports Subscriptions

Home

Webkul Last 30 Days

Sales Volume

Transactions Volume

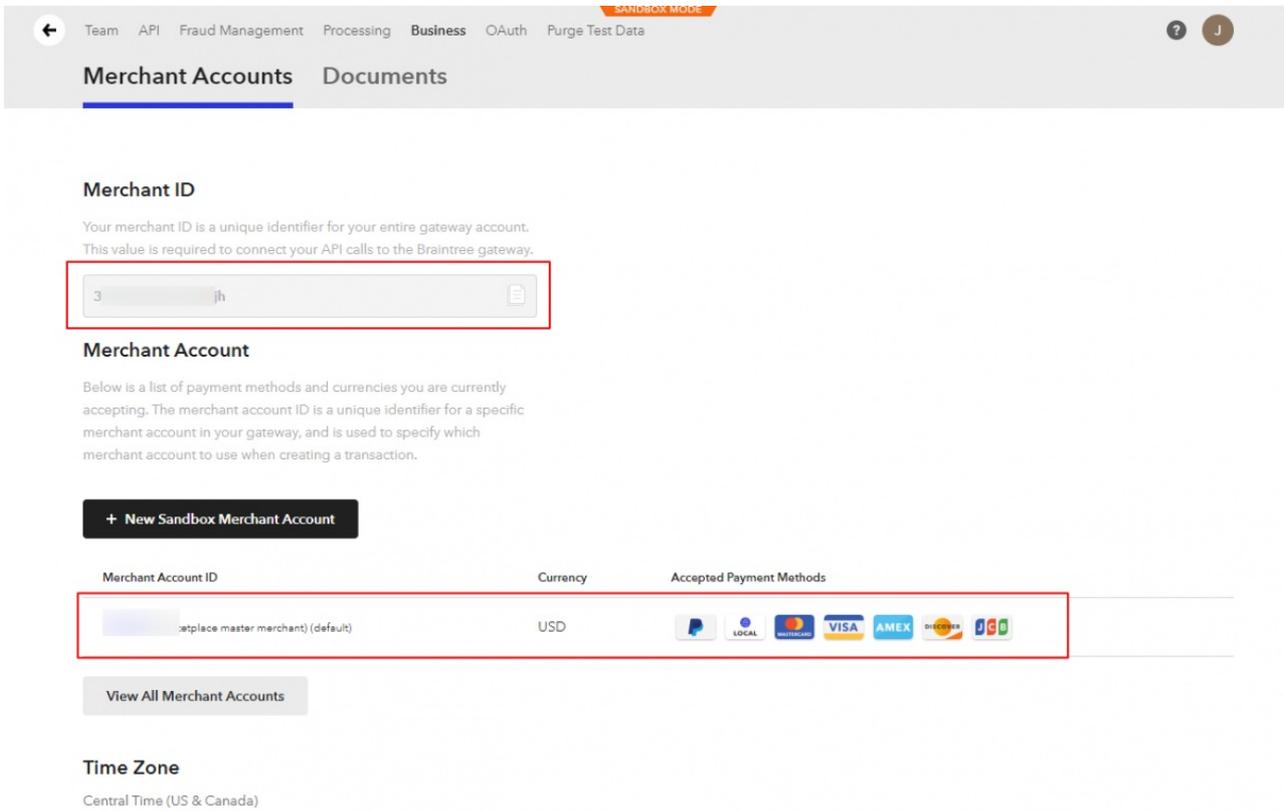
Today: 00

Quick Actions

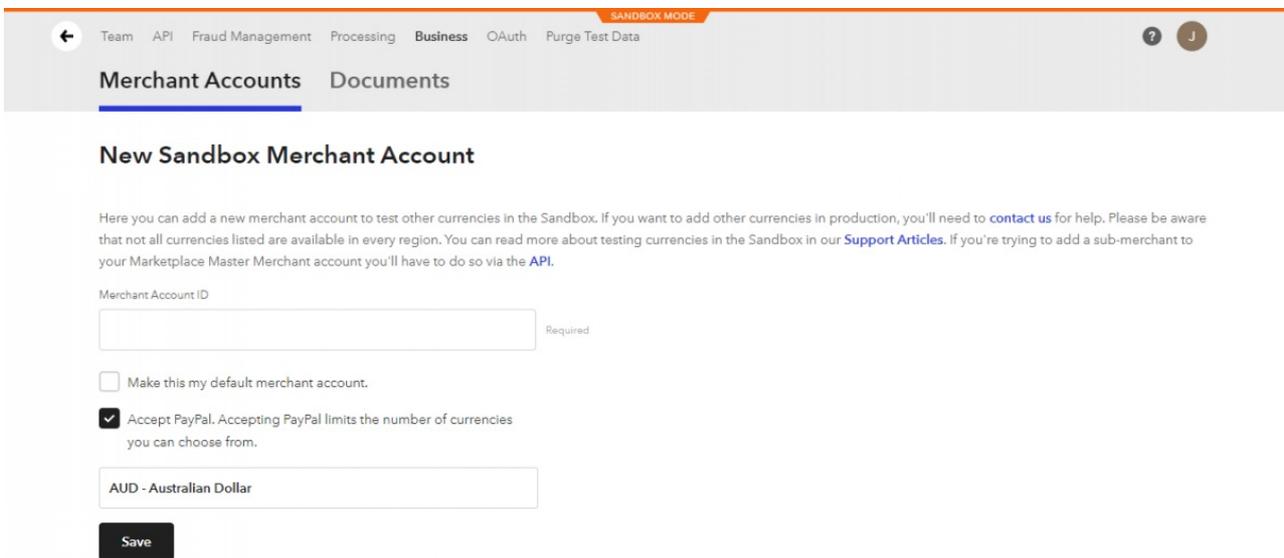
- Disbursement Summary
- Settlement Batch Summary
- Transaction Summary
- Transaction-Level Fee Report
- Merchant Statements
- Create New Transaction
- Create New Customer

Team API Fraud Management Processing Business **OAuth** Purge Test Data

Further, the users needs to click on the **Business** tab present in the top of the page. There the user can check the **Merchant ID** as shown in the image below:



Moreover, the user can create new credentials by clicking on the **New Sandbox Merchant Account** button. After that, a form will appear as shown in the image below:



The customer can create the new credentials by providing the **Merchant Account ID**.

Configuration

After the successful installation of the Marketplace Braintree module the admin of the marketplace can configure the plugin.

Furthermore, the configuration will be done under “**Stores > Configuration > Sales > Payment Methods > Marketplace Braintree Payment Gateway**” as per the below snapshot.

⊖ Marketplace BrainTree Payment Gateway

Enabled <small>[store view]</small>	Yes
Title <small>[store view]</small>	Credit Card (MpBraintree)
Environment <small>[store view]</small>	Sandbox
Account Id <small>[store view]</small>	webkul
Merchant Id <small>[store view]</small>	██████████
Public Key <small>[store view]</small>
Private Key <small>[store view]</small>
Tokenization Key <small>[store view]</small>	██
Payment from Applicable Countries <small>[website]</small>	Specific Countries
<small>[website]</small>	<ul style="list-style-type: none">AfghanistanÅland IslandsAlbaniaAlgeriaAmerican SamoaAndorraAngolaAnguillaAntarcticaAntigua and Barbuda
Minimum Order Total <small>[website]</small>	0.50 \$0.50 is the minimum amount allowed by Stripe
Maximum Order Total <small>[website]</small>	
Sort Order <small>[website]</small>	
Terms Of Services Link <small>[website]</small>	██

Vault Enabled [website] Yes

Escrow Settings

Hold In Escrow [website] Yes

Auto Release [website] Yes

Release amount from escrow after days [website] 2.5

Enabled – Select “Yes” if you want to enable the module. Else select “No”.

Title – Enter the name of the payment method as it will appear in the Payment Information list.

Environment – Here the admin can select the environment of Braintree. Whether it is “Sandbox” or “Production” as per the requirement.

Account Id – Here the admin will enter the Account Id which is provided by Braintree Payment Gateway.

Merchant Id – This option sets the Merchant Id which is provided by Braintree Payment Gateway.

Public Key – Here the admin will enter the Public Key which is provided by Braintree Payment Gateway.

Private Key – Here the admin will enter the Private which is provided by Braintree Payment Gateway.

Tokenization Key – Here admin enter the Tokenization Key collected from the Braintree.

Payment from Applicable Countries – Select which customers can use this payment method. All Allowed Countries means all customers from the default countries list can use this payment method. Admin can also select the payment method for the specified country.

Minimum Order Total – This option allows admin to set minimum order total.

Moreover, if the Grand total of an order is less than the specified Minimum Order Total value then the Braintree module will not allow to check out with the Braintree payment gateway.

Maximum Order Total – This option allows admin to set maximum order total.

Sort Order – Admin can enter the sort order. This will determine in what order each method is listed in the front-end.

Terms Of Services Link – Link of terms of services.

Vault Enabled – If this option is set as yes then buyer information will be saved in Braintree Otherwise buyer information will not be saved in Braintree. Therefore, please check the below image for a better understanding.

The screenshot shows the Braintree Vault interface. At the top, there is a navigation bar with 'Home', 'Transactions', 'Disputes', 'Vault', 'Reports', and 'Subscriptions'. Below this, there are tabs for 'Customers' and 'Verifications'. The main content area displays 'Found 62 Customers' and a 'Download' button. Below the download button, there is a 'Search Criteria' section with a date range from 05/06/2019 12:00 AM to 06/30/2020 11:59 PM. A table of customer records is shown below, with columns for ID, Name, Added, Payment Method, and Token. The table contains 10 rows of data, each representing a customer with their respective payment method and token.

ID	Name	Added	Payment Method	Token
customer_1_15...	Rosa Diaz	06/02/2020	VISA 411111*****1111	gshg8r2
175819386	John Doe	04/10/2020	DISCOVER 362596****0004	nw7trs6
475467143	John Doe	04/10/2020	VISA 421765*****1119	h8f9p8b
292210863		01/10/2020	VISA 424242*****4242	7w8rmzg
681773124		01/10/2020	VISA 424242*****4242	6qv6r9g
671373826		01/10/2020	VISA 424242*****4242	59zh9b2
439624843		01/10/2020	VISA 424242*****4242	39q6sm2
204045409		01/10/2020	VISA 424242*****4242	5vcdhm2
221423356		01/10/2020	VISA 424242*****4242	jzv883r

Escrow Settings :

Hold In Escrow – Using this option admin can enable or disable Hold in Escrow setting. if hold in escrow is enabled then money is distributed to the seller but it will be on hold, when admin will release that money then the seller will get the money.

Otherwise, money will be sent directly to sellers.

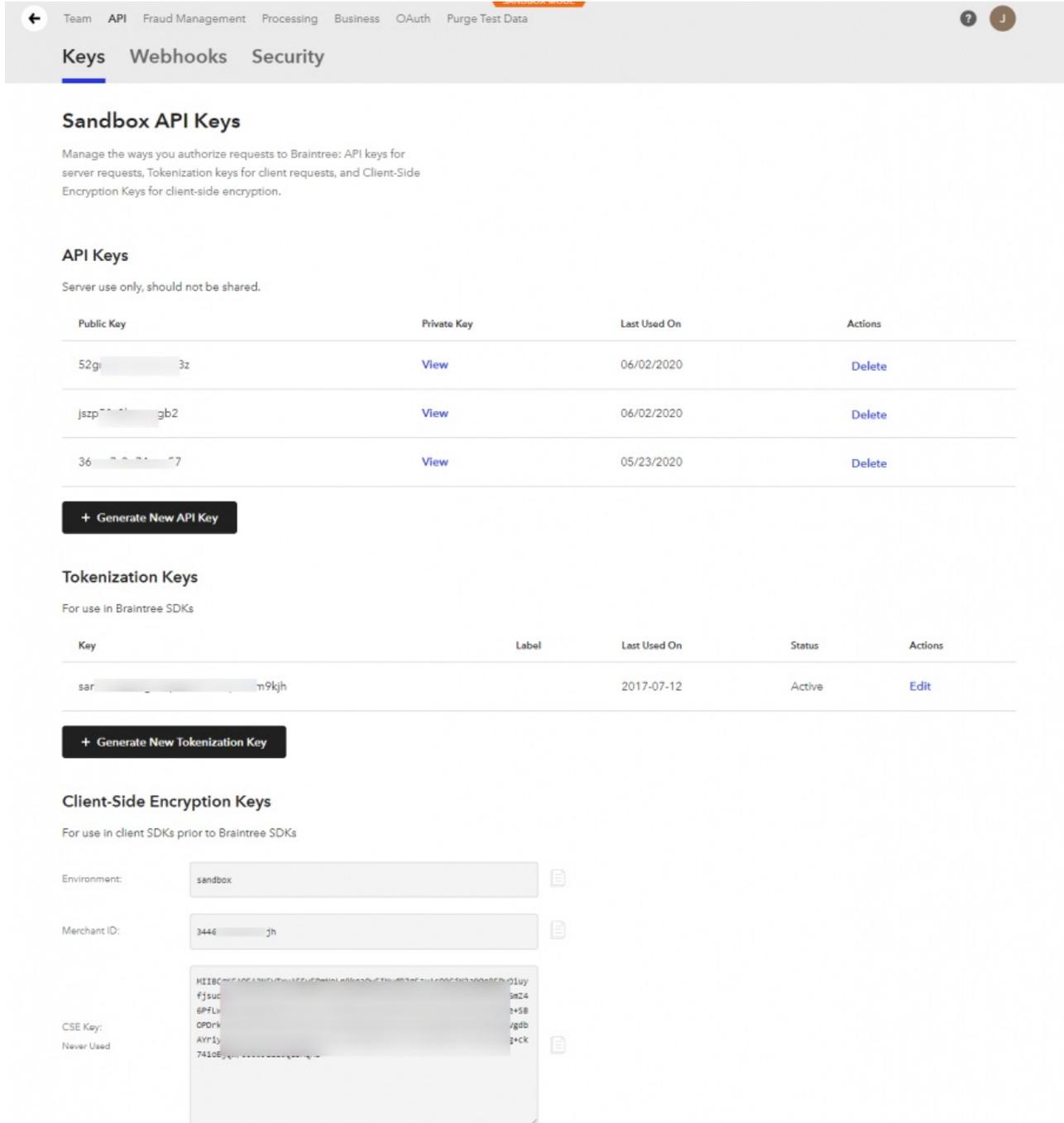
Auto Release – It depends on cron. If cron is active amount will be released automatically. Else release amount manually.

Release amount from escrow after days –

Enter days after which amount will be released from escrow.

Note- The admin can't hold funds in escrow for longer than 30 days according to Braintree escrow guidelines.

Therefore, all the keys will be collected from the Braintree. Admin can find the same under **“Account > My User > API Keys, Tokenization Keys, Encryption Keys > View Authorizations “**.



The screenshot shows the Braintree API Keys management interface. At the top, there is a navigation bar with a back arrow, a user profile icon, and a menu with items: Team, API, Fraud Management, Processing, Business, OAuth, and Purge Test Data. Below the navigation bar, there are three tabs: Keys (selected), Webhooks, and Security. The main content area is titled "Sandbox API Keys" and includes a sub-header "API Keys" with a note: "Server use only, should not be shared." Below this is a table with columns: Public Key, Private Key, Last Used On, and Actions. The table contains three rows of API keys. Below the table is a button "+ Generate New API Key".

Public Key	Private Key	Last Used On	Actions
52gj...3z	View	06/02/2020	Delete
jszp...gb2	View	06/02/2020	Delete
36...7	View	05/23/2020	Delete

+ Generate New API Key

Tokenization Keys
For use in Braintree SDKs

Key	Label	Last Used On	Status	Actions
sar...m9kjh		2017-07-12	Active	Edit

+ Generate New Tokenization Key

Client-Side Encryption Keys
For use in client SDKs prior to Braintree SDKs

Environment:

Merchant ID:

CSE Key:
Never Used:

Working Process

Moreover, if any customer wants to become a sub-merchant seller then he/she has to enter their Business Information and Funding Information under “**Braintree Vendor Details**”. Refer to the screenshot for the same.

Braintree Vendor Account Details

Save

Marketplace Braintree Sub-merchant Individual Information

First Name *

Peter

Last Name *

Doe

Email *

peterdoe@webkul.com

Phone

9876543210

D.O.B *

1981-11-19

SSN

Only showing last 4 digits

Register as a business *

Marketplace Braintree Sub-merchant Funding Information

Descriptor

peter doe

Destination *

Bank



Account Number *

1123581321

Only showing last 4 digits

Routing Number *

071101307

Marketplace Braintree Sub-merchant Address Information

Street Address *

111 Main St

Locality *

Chicago

Region *

IL

Postal Code *

60622

Terms Of Services *

Further, if the seller wants to register as a business then he needs to check the **“Register as a business”** checkbox to provide the business details. After that, the form will be updated as below image and the seller can provide business details as well.

Braintree Vendor Account Details

Save

Marketplace Braintree Sub-merchant Individual Information

First Name *

Peter

Last Name *

Doe

Email *

peterdoe@webkul.com

Phone

9876543210

D.O.B *

1981-11-19

SSN

Only showing last 4 digits

Register as a business *

Marketplace Braintree Sub-merchant Business Information

Legal Name *

Peter Doe

DBA Name

Tax Id *

98-7654321

Marketplace Braintree Sub-merchant Funding Information

Descriptor

peter doe

Destination *

Bank

Account Number *

1123581321

Only showing last 4 digits

Routing Number *

071101307

Marketplace Braintree Sub-merchant Address Information

Street Address *

111 Main St

Locality *

Chicago

Region *

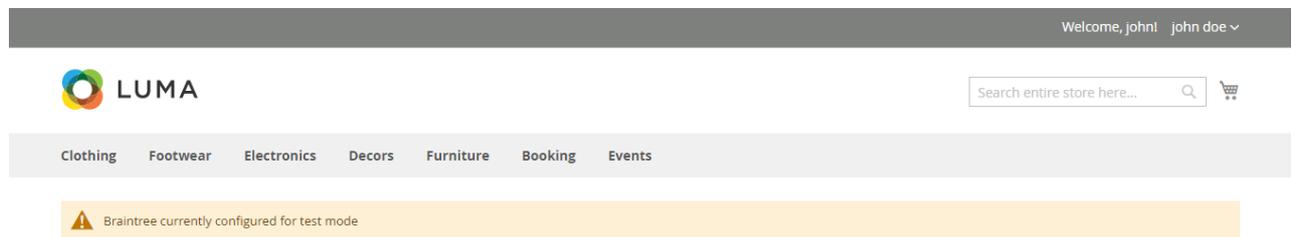
IL

Postal Code *

60622

[Terms Of Services](#) *

On top, the seller can see the payment method environment whether it is “Sandbox” or “Live”. In the Sandbox, some fields are prefilled as Braintree do not accept random data in Sandbox mode.



Furthermore, if Braintree Payment Gateway Method is enabled from the admin panel then the buyer can see this payment method inside his “**Payment Information**” as shown in the given screenshot.

Payment Method:

Credit Card (MpBraintree)

My billing and shipping address are the same

John doe
River Cross Street, AP # 2986
New York, 10001

9876543210

Pay with card

Card Number
.....

Expiration Date (MM/YY) CVV (3 digits)
MM/YY ...

Order Summary

Cart Subtotal \$42.00
Shipping Flat Rate - Fixed \$35.00

Order Total \$77.00

1 Item in Cart

Beaumont Summit Kit \$42.00
Qty: 1
View Details

Ship To:

John doe
River Cross Street, AP # 2986
New York, 10001
9876543210

Authorize And Pay

Admin Management

Also, the admin can see the transaction list in Braintree account under “Transactions”.

SANDBOX MODE

Home Transactions Disputes Vault Reports Subscriptions

Search

Transactions

1 2 3 4 5

Amount	Type	Status	ID	Customer	Payment Method	Date
\$50.00 USD	Sale	✔ Settled	rk54z8z3	john doe	MasterCard 222300*****0011	Jun 2, 2020 12:22 AM
\$10.00 USD	Sale	✔ Settled	ds0rq12	john doe	MasterCard 222300*****0011	Jun 1, 2020 6:45 AM
\$400.00 USD	Sale	✔ Settled	85n678g9	john doe	MasterCard 222300*****0011	Jun 1, 2020 6:45 AM
\$80.00 USD	Sale	✔ Settled	rf6xzb0	john doe	MasterCard 222300*****0011	Jun 1, 2020 6:45 AM
\$400.00 USD	Sale	✔ Settled	dkjpyfbe	john doe	MasterCard 222300*****0011	Jun 1, 2020 6:23 AM
\$80.00 USD	Sale	✔ Settled	gb8rsaq8	john doe	MasterCard 222300*****0011	Jun 1, 2020 6:23 AM
\$53.97 USD	Sale	✔ Settled	fjf93eaa	john doe	MasterCard 222300*****0011	Jun 1, 2020 6:23 AM
\$400.00 USD	Sale	✔ Settled	pnr2x1vy	john doe	MasterCard 222300*****0011	Jun 1, 2020 6:20 AM
\$80.00 USD	Sale	✔ Settled	ftr0w24	john doe	MasterCard 222300*****0011	Jun 1, 2020 6:20 AM

After that, the admin can find all transaction details of Marketplace Braintree transfer for a placed order, as shown in the below screenshot under **“Transactions”**.

← Back Cancel Send Email Void Hold Invoice Ship Reorder **Edit**

ORDER VIEW

Information

Invoices

Credit Memos

Shipments

Comments History

Transactions

Search [Reset Filter](#) 2 records found 20 per page 1 of 1

ID	Order ID	Transaction ID	Parent Transaction ID	Payment Method	Transaction Type	Closed	Created ↑
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
228	000000310	dgycw0vg		Credit Card (Braintree)	Capture	No	Jul 28, 2017, 5:39:31 PM
227	000000310	6ekh545r		Credit Card (Braintree)	Authorization	No	Jul 28, 2017, 5:39:27 PM

Moreover, by clicking on a transaction the admin can find complete details of that transaction as well.

← Back

Transaction Data

Transaction ID	dgycw0vg
Parent Transaction ID	N/A
Order ID	000000310
Transaction Type	capture
Is Closed	No
Created At	Jul 28, 2017, 5:39:31 PM

Child Transactions

0 records found

ID	Order ID	Transaction ID	Payment Method	Transaction Type	Closed	Created
We couldn't find any records.						

Transaction Details

Key	Value
shippingprice	0
commission	400
price	2132
products	2048
taxamount	132.0000
seller	33
sub_merchant_id	peter_doe_instant_092284y3

Marketplace Braintree Refund Management

Seller End Refund Management

Likewise, the seller can do an online refund with the help of the Marketplace Braintree Payment method.

My Transaction List
Manage Print PDF Header Info

My Order History

Account Dashboard
Account Information
Address Book
My Downloadable Products
My Orders
Stored Payment Methods
Newsletter Subscriptions
Billing Agreements
My Product Reviews
My Wish List

Credit Memo Send Email Print

Items Ordered Invoices

Product Name	SKU	Price	Qty	Total Price	Admin Commission	Vendor Total	Subtotal
VirtualProduct	VirtualProduct	\$100.00	Ordered: 2 Invoiced: 2	\$200.00	\$0.00	\$200.00	\$200.00
						Subtotal	\$200.00
						Shipping & Handling	\$0.00
						Discount	\$0.00
						Total Tax	\$13.20
						Total Ordered Amount	\$213.20
						Total Vendor Amount	\$213.20
						Total Admin Commission	\$0.00

Moreover, the seller can generate a credit memo and can enter the Adjustment fee, Adjustment shipping, and can even refund shipping as well.

New Credit Memo

Order #000000309 COMPLETE

Jul 27, 2017, 6:06:38 PM

Buyer Information

Customer Name : Veronica Costello
Email : roni_cost@example.com

Order Information

Billing Address

Veronica Costello
6146 Honey Bluff Parkway
Calder, Michigan, 49628-7978
United States
T: (555) 229-3326

Payment Method

Credit Card (MpBraintree)

ITEMS TO REFUND

Product Name	Price	Qty	Return to Stock	Qty to Refund	Subtotal	Tax Amount	Discount Amount	Row Total
VirtualProduct	\$100.00	Ordered: 2 Invoiced: 2	<input type="checkbox"/>	<input type="text" value="2"/>	\$200.00	\$13.20	\$0.00	\$213.20

Paid Amount	Refund Amount	Shipping Amount	Shipping Refund	Order Grand Total
-------------	---------------	-----------------	-----------------	-------------------

\$213.20	\$0.00	\$0.00	\$0.00	\$213.20
----------	--------	--------	--------	----------

Credit Memo Comments

Credit Memo Comments

Refund Totals

Grand Total	\$213.20
Subtotal	\$200.00
Total Tax	\$13.20
Refund Shipping	<input type="text" value="0"/>
Adjustment Refund	<input type="text" value="0"/>
Adjustment Fee	<input type="text" value="0"/>

Append Comments
 Visible on Frontend
 Email Copy of Credit Memo

Refund
Refund Offline

Admin End Refund Management

Further, the admin can refund an order by clicking on **“Credit Memo”**.

#000000131

Credit Memo

Order & Account Information

Order # 000000309 (The order confirmation email was sent)

Order Date	Jul 27, 2017, 6:06:38 PM
Order Status	Complete
Purchased From	Main Website Main Website Store Default Store View
Placed from IP	192.168.15.141

Account Information

Customer Name	Veronica Costello
Email	roni_cost@example.com
Customer Group	General

Moreover, the admin can generate a credit memo and can enter the Adjustment fee, Adjustment shipping, and can even refund shipping as well.

← Back Reset

Order & Account Information

Order # 000000309 (The order confirmation email was sent)

Order Date	Jul 27, 2017, 6:06:38 PM
Order Status	Complete
Purchased From	Main Website Main Website Store Default Store View
Placed from IP	192.168.15.141

Account Information

Customer Name	Veronica Costello
Email	roni_cost@example.com
Customer Group	General

Address Information

Billing Address [Edit](#)

Veronica Costello
6146 Honey Bluff Parkway
Calder, Michigan, 49628-7978
United States
T: (555) 229-3326

Payment & Shipping Method

Payment Information

Credit Card (MpBraintree)
The order was placed using USD.

Items to Refund

Product	Price	Qty	Return to Stock	Qty to Refund	Subtotal	Tax Amount	Discount Amount	Row Total
VirtualProduct SKU: VirtualProduct	\$100.00	Ordered 2 Invoiced 2	<input type="checkbox"/>	<input type="text" value="2"/>	\$200.00	\$13.20	\$40.00	\$173.20

Update Qty's

Order Total

Credit Memo Comments

Comment Text

Refund Totals

Subtotal	\$200.00
Discount	-\$40.00
Tax	\$13.20
Refund Shipping	<input type="text" value="0"/>
Adjustment Refund	<input type="text" value="0"/>
Adjustment Fee	<input type="text" value="0"/>
Grand Total	\$173.20

- Append Comments
- Email Copy of Credit Memo

Refund Offline Refund

Firstly, webhooks are real-time notifications that alert you whenever an automated event occurs in our system.

Moreover, the Braintree Payment Gateway provides Webhook i.e “Sub-merchant account approved, Sub-merchant account declined, Transaction disbursed, Disbursement, Disbursement exception, Dispute opened, Dispute lost, Dispute won”.

Transaction disbursed, Disbursement, Disbursement exception– With these Webhooks, there is added an appropriate comment on the order.

Dispute opened, Dispute lost, Dispute won– Using “**Dispute opened, Dispute lost, Dispute won**”, transaction status will be automatically updated on store.

Sub-merchant account approved, Sub-merchant account declined– Whenever any Braintree sub-merchant is created or updated then using “**Sub-merchant account approved, Sub-merchant account declined**” webhook notification, the seller will be updated automatically if sub-merchant is declined the seller will become a default user.

How to create Webhooks

Further, from the Braintree Account navigate to “**Settings > Webhooks**” to view your webhooks.

Team API Fraud Management Processing Business OAuth Purge Test Data

Keys **Webhooks** Security

Webhooks

A webhook notification is a message indicating that a specific event has occurred, such as a canceled subscription. When the event occurs, the notification is sent via **HTTPS POST** to a destination url of your choice. [Learn more](#).

Clicking a webhook's Check URL action will fire a test webhook to your endpoint. Watch out though, if your webhook handling code doesn't check notification types this might cause **unexpected side effects**.

If you have older non-HTTPS webhooks, they have been disabled and can no longer be checked.

URL	Notifications	Actions
(ENABLED) http://[redacted]hook/	Disbursement +7 more	Check URL Edit Delete
(DISABLED: https required) http://[redacted]/webhook/	Disbursement +7 more	Edit Delete
(DISABLED: https required) http://[redacted]webhook/	Disbursement +7 more	Edit Delete

[+ Create New Webhook](#)

After that, click on “**Create New Webhook**” to create a new Webhook.

SANDBOX MODE

Team API Fraud Management Processing Business OAuth Purge Test Data

Keys **Webhooks** Security

New Webhook

Destination URL (HTTPS only)

Required

Notifications

Which events do you want to receive notifications for?

Subscription

- Canceled
Subscription was canceled
- Charged Successfully
Subscription was successfully charged
- Charged Unsuccessfully
Subscription didn't charge
- Expired
Subscription has expired
- Trial Ended
Subscription trial ended
- Went Active
Subscription started

Disputed Transaction

- Custom field updated
A custom field on a disputed transaction has been updated.

Disbursement

- Disbursement
Disbursement was sent to your account
- Disbursement Exception
Only applies to marketplace merchants

Marketplace

- Sub-merchant Account Approved
A sub-merchant account was approved
- Sub-merchant Account Declined
A sub-merchant account was declined

That's all for the **Braintree Payment Marketplace Add-On**, still have any issue, feel free to add a ticket and let us know your views to make the plugin better at webkul.uvdesk.com.