

# ALLIED WALLET – DIRECTSALE

## TABLE OF CONTENTS

- Revision History* ..... 2
- Overview ..... 3
  - What is DirectSale..... 3
  - Required information ..... 3
  - Software Requirements ..... 3
- DirectSale Payment Url End-Point ..... 3
- HTTP Request ..... 4
- Transaction Types ..... 4
  - Authorize Transactions ..... 4
  - Sale Transactions ..... 4
  - Capture Transactions ..... 6
  - Refund Transactions ..... 7
  - Void Transactions ..... 8
  - Recurring Transactions ..... 9
- HTTP Response..... 10
- Appendix A – Transaction State Types ..... 10
- Appendix B – Transaction Status Types ..... 10

## REVISION HISTORY

Date	Revision	Description	Author
3/13/2015	1.0.0	First Version	Derek Baehr
3/13/2015	1.0.0	First Version	Derek Baehr
9/25/2015	1.0.2	Revised Version – Recurring Transaction	Derek Baehr

## OVERVIEW

### WHAT IS DIRECTSALE

The Allied Wallet DirectSale Payment API can process your customer's online purchases without redirection to our hosted payment page(s).

The API adheres to REST architectural constraints. The API's are designed to have predictable, resource-oriented URLs and to use HTTP response codes to indicate API errors.

### REQUIRED INFORMATION

Before you will be able to submit transactions to Allied Wallet, you will need an Allied Wallet merchant account for your website. Once you have a merchant account established, Allied Wallet will supply you with:

1. Merchant Id
2. Site Id
3. OAuth Bearer Token

These IDs uniquely identify your websites, customers, and payments.

### SOFTWARE REQUIREMENTS

To implement the JSON interface for standard card processing, the following requirements must be met:

- Working knowledge of JSON
- SSL server supporting 128-bit (or stronger) encryption

## DIRECTSALE PAYMENT URL END-POINT

The API URL to submit your transaction for payment is defined as follows:

[https://api.alliedwallet.com/merchants/\[MerchantId\]/<Transaction Type>](https://api.alliedwallet.com/merchants/[MerchantId]/<Transaction Type>)

[Merchant ID] – Replace this value with the merchant id assigned by Allied Wallet

<Transaction Type> – Replace this value with the type of transaction

- AuthorizeTransactions
- SaleTransactions
- CaptureTransactions
- VoidTransactions
- RefundTransactions

## HTTP REQUEST

Requests are submitted to the API via HTTP Post. The JSON string is added to the body of the request.

The request should contain the following header settings:

Content-type: application/json

Authorization: Bearer <OAuth Bearer Token>

## TRANSACTION TYPES

### AUTHORIZE TRANSACTIONS

URL: [https://api.alliedwallet.com/merchants/\[MerchantId\]/authorizetransactions](https://api.alliedwallet.com/merchants/[MerchantId]/authorizetransactions)

Authorize transactions can be initiated using the same JSON string value pairs as the Sale Transaction API. The only difference is transaction type passed in the URL.

### SALE TRANSACTIONS

URL: [https://api.alliedwallet.com/merchants/\[MerchantId\]/saletransactions](https://api.alliedwallet.com/merchants/[MerchantId]/saletransactions)

### JSON REQUEST PARAMETERS

Parameter Name	Description	Example
siteId	Site ID assigned by Allied Wallet string, mandatory	12
amount	Amount of the transaction Decimal, mandatory	123.45
currency	Transaction currency, in ISO 4217 format. 3 character, mandatory	USD
firstName	Cardholder's first name 50 character max, mandatory	John
lastName	Cardholder's last name 50 character max, mandatory	Doe
phone	Cardholder's phone 20 character max, mandatory	555-555-5555
addressLine1	Billing address 100 character max, mandatory	123 Fake St.
addressLine2	Billing address 100 character max, optional	Suite # 789
city	Billing address city 50 character max, mandatory	Hollywood

state	Billing state 50 character max, mandatory	California
countryId	Billing country 2 character, mandatory	US
postalCode	Billing postal code 20 character max, mandatory	90046
shippingFirstName	Shipping to first name 50 character max, optional	
shippingLastName	Shipping last name 50 character max, optional	
shippingPhone	Cardholder's phone 20 character max, optional	
shippingAddressLine1	Shipping address 100 character max, optional	
shippingAddressLine2	Shipping address 100 character max, optional	
shippingCity	Shipping address city 50 character max, optional	
shippingState	Shipping state 50 character max, optional	
shippingCountryId	Shipping country 2 character, optional	
shippingPostalCode	Shipping postal code 20 character max, optional	
email	Cardholder's email address 100 character max, mandatory	<identifier>@<domain>.<extension>
cardNumber	Credit card number Integer, mandatory	4242424242424242
nameOnCard	Cardholder's name printed on card 40 character max, mandatory	John J. Doe
expirationMonth	Integer, mandatory	9
expirationYear	Integer, mandatory	2018
cVVCCode	4 character max, mandatory	469
iPAddress	Cardholder's IP Address 20 character max, mandatory	127.0.0.1
trackingId	Merchant 100 character max, mandatory	123456
isInitialForRecurring	Indicates if the transaction is the initial recurring transaction Boolean, mandatory	true or false

## HTTP REQUEST EXAMPLE

---

```
{
  "siteId": "12",
  "currency": "USD",
  "firstName": "John",
  "lastName": "Doe",
```

```

    "phone": "555-555-5555",
    "city": "Hollywood",
    "state": "California",
    "countryId": "US",
    "postalCode": "90046",
    "shippingFirstName": "",
    "shippingLastName": "",
    "shippingPhone": "",
    "addressLine1": "",
    "addressLine2": "",
    "shippingAddressLine1": "",
    "shippingAddressLine2": "",
    "shippingCity": "sample string 18",
    "shippingState": "sample string 19",
    "shippingCountryId": "",
    "shippingPostalCode": "",
    "email": "<email address>",
    "cardNumber": 4242424242424242,
    "nameOnCard": "John Doe",
    "expirationMonth": 09,
    "expirationYear": 2018,
    "cvvCode": "469",
    "ipAddress": "127.0.0.1",
    "trackingId": "123456",
    "amount": 123.45,
    "isInitialForRecurring": false
}

```

## HTTP RESPONSE EXAMPLE

---

```

{
  "id": "123456",
  "message": "Success",
  "state": "Sale",
  "status": "Successful"
  "trackinid": "123456"
}
OR
{
  "id": "123456",
  "message": "Success",
  "state": "Authorize",
  "status": "Successful"
  "trackinid": "123456"
}

```

## CAPTURE TRANSACTIONS

URL: [https://api.alliedwallet.com/merchants/\[MerchantId\]/capturetransactions](https://api.alliedwallet.com/merchants/[MerchantId]/capturetransactions)

Only authorize transactions that have not been voided can be captured.

## JSON REQUEST PARAMETERS

Parameter Name	Description	Example
authorizetransactionid	The transaction id return by the Authorization String, mandatory	123456
amount	Amount of the transaction Decimal/Number, mandatory	123.45

## HTTP REQUEST EXAMPLE

---

```
{
  "authorizeTransactionId": "123456",
  "amount": 123.45
}
```

## HTTP RESPONSE EXAMPLE

---

```
{
  "id": "123456",
  "message": "Success",
  "state": "Capture",
  "status": "Successful"
}
```

## REFUND TRANSACTIONS

URL: [https://api.alliedwallet.com/merchants/\[MerchantId\]/refundtransactions](https://api.alliedwallet.com/merchants/[MerchantId]/refundtransactions)

Only sale and capture transactions can be refunded.

## JSON REQUEST PARAMETERS

Parameter Name	Description	Example
referencetransactionid	The transaction id returned by the sale transaction or the capture transaction. String, mandatory	123456
amount	The amount to refund, not to exceed original transaction amount. Decimal/Number, mandatory	123.45

## HTTP REQUEST EXAMPLE

---

```
{
  "referenceTransactionId": "123456",
  "amount": 123.45
}
```

## HTTP RESPONSE EXAMPLE

---

```
{
  "id": "123456",
  "message": "Success",
  "state": "Refund",
  "status": "Successful"
}
```

## VOID TRANSACTIONS

URL: [https://api.alliedwallet.com/merchants/\[MerchantId\]/voidtransactions](https://api.alliedwallet.com/merchants/[MerchantId]/voidtransactions)

Only authorize transaction can be voided.

## JSON REQUEST PARAMETERS

Parameter Name	Description	Example
authorizeTransactionId	The transaction id returned by the authorization. String, mandatory	123456

## HTTP REQUEST EXAMPLE

---

```
{
  "authorizeTransactionId": "123456"
}
```

## HTTP RESPONSE EXAMPLE

---

```
{
  "id": "123457",
  "message": "Success",
  "state": "Void",
  "status": "Successful"
}
```



## HTTP RESPONSE

The result is in JSON format with the following elements:

Parameter Name	Description	Example
id	The id of the transaction	123456
message	Error specific details	
description	Additional information	
state	The type of transaction. See appendix A.	Verify
status	The transaction status See appendix B.	Successful

## RECURRING TRANSACTIONS

URL: [https://api.alliedwallet.com/merchants/\[MerchantId\]/recurringtransactions](https://api.alliedwallet.com/merchants/[MerchantId]/recurringtransactions)

Only previously successful transactions can be recurred.

## JSON REQUEST PARAMETERS

Parameter Name	Description	Example
SaleTransactionID	The transaction id returned by the authorization. String, mandatory	123456
PointOfEntry	Merchant URL where transactions are sent from. String, optional	https://sale.merchantsite.com
Amount	Amount to be charged. Decimal Number, mandatory	1200.00

## HTTP REQUEST EXAMPLE

---

```
{
  "authorizeTransactionId": "123456"
}
```

## HTTP RESPONSE EXAMPLE

---

```
{
  "id": "123457",
  "message": "Success",
}
```

```

    "state": "Void",
    "status": "Successful"
}

```

## HTTP RESPONSE

The result is in JSON format with the following elements:

Parameter Name	Description	Example
id	The id of the transaction	123456
message	Error specific details	
description	Additional information	
state	The type of transaction. See appendix A.	Verify
status	The transaction status See appendix B.	Successful

## APPENDIX A – TRANSACTION STATE TYPES

Sale
Authorize
Capture
Void
Refund

## APPENDIX B – TRANSACTION STATUS TYPES

Successful
Error
Declined
Pending
Scrubbed
Fraud
Unconfirmed