



Payments Class

Authorize a payment, capture an authorized payment, and refund an authorized payment.

Namespace

[ConnectApi](#)

Payments Methods

These methods are for `Payments`. All methods are static.

To access `Payments` methods, you need these permissions.

- Salesforce Order Management License
- `PaymentsAPIUser` user permission. This permission is available with the Salesforce Order Management License. Your Salesforce admin assigns it to your profile.
- [authorize\(authorizePayment\)](#)
Authorize a payment.
- [postAuth\(postAuthorizePayment\)](#)
Confirms that the merchant is ready to capture payment of an existing pre-authorized transaction.
- [reverseAuthorization\(AuthReversalInput, authorizationId\)](#)
Reverses a payment authorization.
- [capture\(AuthCaptureInput, authorizationId\)](#)
Capture an authorized payment.
- [refund\(ReferencedRefundInput, paymentId\)](#)
Refund an authorized payment.
- [sale\(sale\)](#)
Captures a payment without any prior authorization and creates a payment entity. The payment sale transaction is a combination of an [Authorize](#) transaction and [Capture](#) transaction. This payment sale method allows merchants to request that the funds are transferred to the merchant account in a single command, with no further action (such as charging a credit card) from the merchant.
- [tokenizePaymentMethod\(tokenizePaymentMethodInput\)](#)
Method to take the input parameters of the payment method you want to tokenize and then pass them to the payment gateway's tokenization service. The results of the tokenization request are returned as a response from the payment gateway.

authorize(authorizePayment)

Authorize a payment.

API Version

51.0

Requires Chatter

No



Parameters

authorizePayment

Type: [ConnectApi.AuthorizationRequest](#)

Represents a payment authorization.

Return Value

Type: [ConnectApi.AuthorizationResponse](#)

postAuth(postAuthorizePayment)

Confirms that the merchant is ready to capture payment of an existing pre-authorized transaction.

API Version

54.0

Requires Chatter

No

Signature

```
global static ConnectApi.PostAuthorizationResponse postAuth(ConnectApi.PostAuthRequest
postAuthorizePayment)
```

Parameters

postAuthorizePayment

Type: [ConnectApi.PostAuthRequest](#)

Information about the payment, payment method, and payment gateway from the original payment authorization.

Return Value

Type: [ConnectApi.PostAuthorizationResponse](#)

reverseAuthorization(AuthReversalInput, authorizationId)

Reverses a payment authorization.

API Version

51.0

Requires Chatter

No

Signature

```
global static ConnectApi.AuthorizationReversalResponse
reverseAuthorization(ConnectApi.AuthorizationReversalRequest AuthReversalInput, String
authorizationId)
```

Parameters

AuthReversalInput

Type: [ConnectApi.AuthorizationReversalRequest](#)

Input information for the payment authorization reversal.



Return Value

Type: [ConnectApi.AuthorizationReversalResponse](#)

capture(AuthCaptureInput, authorizationId)

Capture an authorized payment.

API Version

50.0

Requires Chatter

No

Signature

```
global static ConnectApi.CaptureResponse capture(ConnectApi.CaptureRequest AuthCaptureInput,  
String authorizationId)
```

Parameters

AuthCaptureInput

Type: [ConnectApi.CaptureRequest](#)

A [ConnectApi.CaptureRequest](#) object with information about the payment capture.

authorizationId

Type: [String](#)

ID of the payment authorization. Required.

Return Value

Type: [ConnectApi.CaptureResponse](#)

refund(ReferencedRefundInput, paymentId)

Refund an authorized payment.

To access Payments methods, you need these permissions.

- Salesforce Order Management License
- PaymentsAPIUser user permission. This permission is available with the Salesforce Order Management License. Your Salesforce admin assigns it to your profile.

API Version

50.0

Requires Chatter

No

Signature

```
global static ConnectApi.ReferencedRefundResponse refund(ConnectApi.ReferencedRefundRequest  
ReferencedRefundInput, String paymentId)
```

Parameters

ReferencedRefundInput



Type: [String](#)

ID of the payment to be refunded. Required.

Return Value

Type: [ConnectApi.ReferencedRefundResponse](#)

sale(sale)

Captures a payment without any prior authorization and creates a payment entity. The payment sale transaction is a combination of an [Authorize](#) transaction and [Capture](#) transaction. This payment sale method allows merchants to request that the funds are transferred to the merchant account in a single command, with no further action (such as charging a credit card) from the merchant.

API Version

54.0

Requires Chatter

No

Signature

```
global static ConnectApi.SaleResponse sale(ConnectApi.SaleRequest sale)
```

Parameters

sale

Type: [ConnectApi.SaleRequest](#)

Payment sale input class.

Return Value

Type: [ConnectApi.SaleResponse](#)

tokenizePaymentMethod(tokenizePaymentMethodInput)

Method to take the input parameters of the payment method you want to tokenize and then pass them to the payment gateway's tokenization service. The results of the tokenization request are returned as a response from the payment gateway.

API Version

52.0

Requires Chatter

No

Signature

```
global static ConnectApi.PaymentMethodTokenizationResponse  
tokenizePaymentMethod(ConnectApi.PaymentMethodTokenizationRequest tokenizePaymentMethodInput)
```

Parameters

tokenizePaymentMethodInput

Type: [ConnectApi.PaymentMethodTokenizationRequest](#)



Usage

Accepts input parameters representing a payment method and passes them in a tokenization request to the payment gateway. The results of the tokenization request are returned as a response from the payment gateway. If the tokenization was successful, the response contains the tokenized value and details about the tokenization process. Otherwise, the response contains an error message and details about the error.

Example

```
ConnectApi.PaymentMethodTokenizationRequest request = new ConnectApi.PaymentMethodTokeniza
request.paymentGatewayId = '0b0xx000001Ja5AAE';
ConnectApi.CardPaymentMethodRequest cpmRequest = new ConnectApi.CardPaymentMethodRequest()
cpmRequest.cardHolderName = 'Jo Manager';
cpmRequest.expiryMonth = 11;
cpmRequest.expiryYear = 2222;
cpmRequest.cardNumber = '4111111111111111';
cpmRequest.cvv = '111';
cpmRequest.cardCategory = ConnectApi.CardCategory.CreditCard;
cpmRequest.cardType = ConnectApi.CardType.Visa.name();
request.cardPaymentMethod = cpmRequest;
ConnectApi.PaymentMethodTokenizationResponse response = ConnectApi.Payments.tokenizePayment
```

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