



SaleResponse Class

Response sent by payment gateway adapters for a sales service.

Namespace

[CommercePayments](#)

Usage

The constructor of this class takes no arguments. For example:

```
CommercePayments.SaleResponse slr = new CommercePayments.SaleResponse();
```

This class contains details about a customer card that was used as a payment method for Authorization, Sale, or Tokenization request. The gateway adapter reads the fields of this class while constructing a transaction JSON request, which it then sends to the payment gateway. The object of this class is made available by the `cardPaymentMethod` field in [SaleApiPaymentMethodRequest](#) and [AuthApiPaymentMethodRequest](#).

Example

This code sample builds a `SaleResponse` object.

```
commercepayments.SaleResponse saleResponse = new commercepayments.SaleResponse();
saleResponse.setGatewayReferenceDetails("refDetailString");
saleResponse.setGatewayResultCode("res_code");
saleResponse.setGatewayResultCodeDescription("");
saleResponse.setGatewayReferenceNumber("");
saleResponse.setSalesforceResultCodeInfo(getSalesforceResultCodeInfo(commercepayments.SaleResponse.SalesforceResultCodeInfo));
```

- [SaleResponse Methods](#)

SaleResponse Methods

The following are methods for `SaleResponse`.

- [setAmount\(amount\)](#)
Sets the transaction amount. Must be a non-negative value.
- [setGatewayAvsCode\(gatewayAvsCode\)](#)
Sets the AVS (address verification system) result code information that the gateway returned. Maximum length of 64 characters.
- [setGatewayDate\(gatewayDate\)](#)
Sets the date that the sale occurred. Some gateways don't send this value.
- [setGatewayMessage\(gatewayMessage\)](#)
Sets error messages that the gateway returned for the sale request. Maximum length of 255 characters.
- [setGatewayReferenceDetails\(gatewayReferenceDetails\)](#)
Sets additional data that you can use for subsequent sales. You can use any data that isn't



maximum length of 255 characters.

- **`setGatewayResultCode(gatewayResultCode)`**
Sets a gateway-specific result code. The code may be mapped to a Salesforce-specific result code. Maximum length of 64 characters.
- **`setGatewayResultCodeDescription(gatewayResultCodeDescription)`**
Sets a description of the gateway-specific result code that a payment gateway returned. Maximum length of 1000 characters.
- **`setPaymentMethodTokenizationResponse(paymentMethodTokenizationResponse)`**
Sets information from the gateway about the tokenized payment method.
- **`setSalesforceResultCodeInfo(salesforceResultCodeInfo)`**
Sets the Salesforce-specific result code information. Payment gateways have many response codes for payment calls. Salesforce uses the result code information to map payment gateway codes to a predefined set of standard Salesforce result codes.

`setAmount(amount)`

Sets the transaction amount. Must be a non-negative value.

Signature

```
global void setAmount(Double amount)
```

Parameters

amount

Type: [Double](#)

The amount of the transaction.

Return Value

Type: void

`setGatewayAvsCode(gatewayAvsCode)`

Sets the AVS (address verification system) result code information that the gateway returned. Maximum length of 64 characters.

Signature

```
global void setGatewayAvsCode(String gatewayAvsCode)
```

Parameters

gatewayAvsCode

Type: [String](#)

Used to verify the address mapped to a payment method when the payments platform requests tokenization from the payment gateway.

Return Value

Type: void

`setGatewayDate(gatewayDate)`

Sets the date that the sale occurred. Some gateways don't send this value.

Signature

```
global void setGatewayDate(Datetime gatewayDate)
```



Return Value

Type: void

setGatewayMessage(gatewayMessage)

Sets error messages that the gateway returned for the sale request. Maximum length of 255 characters.

Signature

```
global void setGatewayMessage(String gatewayMessage)
```

Parameters

gatewayMessage

Type: [String](#)

Return Value

Type: void

setGatewayReferenceDetails(gatewayReferenceDetails)

Sets additional data that you can use for subsequent sales. You can use any data that isn't normalized in financial entities. This field has a maximum length of 1000 characters and can store data as JSON or XML.

Signature

```
global void setGatewayReferenceDetails(String gatewayReferenceDetails)
```

Parameters

gatewayReferenceDetails

Type: [String](#)

Return Value

Type: void

setGatewayReferenceNumber(gatewayReferenceNumber)

Sets the unique gateway reference number for the transaction that the gateway returned. Maximum length of 255 characters.

Signature

```
global void setGatewayReferenceNumber(String gatewayReferenceNumber)
```

Parameters

gatewayReferenceNumber

Type: [String](#)

Unique authorization ID created by the payment gateway.

Return Value

Type: void

setGatewayResultCode(gatewayResultCode)



```
global void setGatewayResultCode(String gatewayResultCode)
```

Parameters

gatewayResultCode

Type: [String](#)

Gateway-specific result code. Must be used to map a Salesforce-specific result code.

Return Value

Type: void

setGatewayResultCodeDescription(gatewayResultCodeDescription)

Sets a description of the gateway-specific result code that a payment gateway returned. Maximum length of 1000 characters.

Signature

```
global void setGatewayResultCodeDescription(String gatewayResultCodeDescription)
```

Parameters

gatewayResultCodeDescription

Type: [String](#)

Description of the gateway's result code. Use this field to learn more about why the gateway returned a certain result code.

Return Value

Type: void

setPaymentMethodTokenizationResponse(paymentMethodTokenizationResponse)

Sets information from the gateway about the tokenized payment method.

Signature

```
global void
setPaymentMethodTokenizationResponse(commercepayments.PaymentMethodTokenizationResponse
paymentMethodTokenizationResponse)
```

Parameters

paymentMethodTokenizationResponse

Type: [PaymentMethodTokenizationResponse](#)

Gateway response sent by payment gateway adapters for the payment method tokenization request. The response includes the payment method's token ID value.

Return Value

Type: void

setSalesforceResultCodeInfo(salesforceResultCodeInfo)

Sets the Salesforce-specific result code information. Payment gateways have many response codes for payment calls. Salesforce uses the result code information to map payment gateway codes to a predefined set of standard Salesforce result codes.



Parameters

salesforceResultCodeInfo

Type: [SalesforceResultCodeInfo](#)

Sets the Salesforce-specific result code information. Payment gateways have many response codes for payment calls. Salesforce uses the result code information to map payment gateway codes to a predefined set of standard Salesforce result codes.

Return Value

Type: void

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