

Merchant's API Implementation Guide

Statement of Confidentiality

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CCAvenue API

The CCAvenue API is designed to enable you to interact securely with our API from your client-side web application. You can get XML, JSON or String responses from the API, including errors.

You need an active account to initiate an API call to the CCAvenue payment gateway.

API Authentication

Merchant needs an active account to initiate an API call to the CCAvenue payment gateway. Merchants will have to log in to their CCAvenue M.A.R.S account and get the authentication credentials for initiating API calls.

Merchant must provide CCAvenue with the public IP address from where the API calls will be initiated. API calls will work only after CCAvenue registers the IP address provided.

Login to your CCAvenue M.A.R.S account, under Settings tab -> API Keys page; copy the following credentials:

1. Merchant ID
2. Access Code
3. Encryption Key

API Calls

CCAvenue API supports following API calls.

1. Confirm – The Confirm API call allows you to confirm a pending order. Only confirmed orders are settled into the merchant's account. An order older than 12 days is automatically cancelled. Once an order has been auto-cancelled by the system, it cannot be confirmed.
2. Cancel – The Cancel API call allows you to cancel a pending order. Funds will be refunded to the credit card or debit card or netbanking account that was originally charged. An order older than 12 days is automatically cancelled.
3. Refund – The Refund API call allows you to refund an order/transaction that has previously been executed but not yet refunded. Funds will be refunded to the credit card or debit card or net banking account that was originally charged.
4. Status(**Kindly pass version as 1.2**) – The Status API call can be used to ascertain the status of a transaction/order. You can use this call if you have not received status/information for a transaction request. It can also be used as an additional security measure to reconfirm the parameters posted back.
5. Order Lookup(**Kindly pass version as 1.2**) – The Order Lookup API call can be used to find transactions/orders based on given criteria.
6. Pending Orders – The Pending Orders API call can be used to list transactions which are yet to be confirmed or cancelled. Pending orders need to be confirmed for them to be settled, those older than 12 days are automatically cancelled.
7. Delete Customer - The Delete Customer API call is used to delete all saved payment options for the customer.
8. Delete Customer Payment Option - The Delete Customer Payment Option API call is used to delete a particular payment option saved for the customer.
9. [Add Customer Payment Option](#)(**Kindly pass version as 1.2**) – Add Customer payment option API call is used to add another payment option for registered customer of the merchant.
10. GetCustomer PaymentOption(**Kindly pass version as 1.2**) – The Customer payment option API call is used to list payment options saved for a customer. Payments options are saved for a customer in the vault for easy and convenient payment.
11. GenerateInvoice(**Kindly pass version as 1.2**) - The Invoice API call is used to generate an invoice for a customer. Values can be passed as for generating invoice using the flexibility of Invoice Settings.

12. Generate Recurring Invoice - Recurring invoice call is used to generate recurring invoice for a customer of a merchant .
13. Generate Quick Invoice(**Kindly pass version as 1.2**) - This Quick Invoice API call is used to generate a quick invoice for a customer. This is a flavour of regular invoice but with limited options; hence an easy implementation.
14. Get Item List - The Item list API call is used to find the list of configured Items and task for merchant.The items and tasks are used to create a regular Invoice or a recurring invoice.
15. Invoice Lookup - Invoice Lookup API call is used to find list of invoice order lookup details of orders.
16. Update Merchant Invoice Reference No- Update Invoice reference Number API call is used to update Invoice reference number if the same was not provided at the time of invoice generation.
17. Update Merchant Param - Update Merchant params API is used to add some extra parameter against Merchant params if the same could not be done at the time of the transaction.
18. Update Billing Details - Update billing details API call is used to update customer billing information against an order.
19. BinDetails – This is used to fetch the card details for a bin number.
20. [PayId Details](#) – (**Kindly pass version as 1.4**) - PayId Details API call is used to list transactions for a given PayId.
21. [Payouts Summary](#)(**Kindly pass version as 1.2**) - Payouts Summary API call is used to list payouts summary for a merchant for a given settlement date.
22. getRefundDetails – The getRefundDetails API call can be used to fetch refund information of the particular transaction.
23. [getSettlementDetails](#)– The getSettlementDetails call is used to get the Settlement details such as payid ,UtrNo and settlement date.
24. [Consolidate Payout Summary](#) - (Kindly pass version as DEF) Consolidate Payout Summary API call is used to list payouts summary for a merchant for a given settlement date.
25. [Consolidate Settlement Details](#) - (Kindly pass version as DEF) Consolidate Settlement Details API call is used to list Settlement Details for a merchant for a given Order Number and Reference Number.

Production API URL:- <https://api.ccavenue.com/apis/servlet/DoWebTrans>

Staging API URL:- <https://apitest.ccavenue.com/apis/servlet/DoWebTrans>

Encryption of Request for API Calls

Requests sent to CCAvenue will hold the parameters mentioned in the table below.

enc_request, has to be encrypted using AES similar to the method used for real-time transaction. Encryption key is mapped to Access code as mentioned in API Authentication section.

Name	Description
enc_request (required)	AES encrypted request data.
access_code (required)	This is the access code for your application. You must send this with each request.
command (required)	This is the command to access the API calls. You must send this with each request.
request_type (required)	API requests are accepted in XML, JSON or String. Specify the request type.
response_type (optional)	API returns XML, JSON or String responses. If left blank, the response will be in the same format as request.
version (required)	This is the version to access API based on version calls and current possible values is 1.1

Example:

enc_request=63957FB55DD6E7B968A7588763E08B240878046EF2F520C44BBC63FB9CCE726209A4734877F5904445591304ABB2F5E598B951E39EAFB9A24584B00590ADB077ADE5E8C444EAC5A250B1EA96F68D22E44EA2515401C2CD753DBA91BD0E7DFE7341BE1E7B7550&**access_code**=8JXENNSSBEZCU8KQ&**command**=confirmOrder&**request_type**=XML&**response_type**=XML&**version**=1.1

Decryption of Response for API Calls

Response received from CCAvenue will hold the parameters mentioned in the table below. `enc_response`, when encrypted will have to be decrypted using AES similar to the method used for real- time transactions. Encryption key is mapped to Access code as mentioned in API Authentication section.

Name	Description
enc_response	AES encrypted response containing format as per <i>response_type</i> .
enc_error_code	<code>enc_error_code</code> contains value if status is "1" please refer to below table for the error code.
status	This states whether the call was successful or not. If value of this parameter is "1" then you need not decrypt the <code>enc_response</code> as it will contain plain error message.

Note: - Possible refer [below table](#) for `enc_response` value when status value is "1" as follows.

Example:

Successful:

`status=0&enc_response=63957FB55DD6E7B968A7588763E08B240878046EF2F520C44BBC63FB9CCE726209A473457E6B13721EC6D05ED13A0483ACFDD6F11F284AE79755D47E79687478F93CFCD3CD97510B67B961CDB5279F209F5C451F3039696F13C990B963854C8CADF730&enc_error_code=`

Error:

`status=1&enc_response=Access_code: Invalid Parameter&enc_error_code=51407.`

1. Confirm

Confirm API call allows you to confirm a pending order. Only confirmed orders are settled into the merchant's account. An order older than 12 days is automatically cancelled. Once an order has been auto-cancelled by the system, it cannot be confirmed. You can optionally confirm only part of an order. Remember, you can do so only once. Remaining funds will be refunded to the credit card or debit card or net banking account that was originally charged.

Request Parameters

Name	Description	Note
enc_request (required)	AES encrypted string containing request parameters.	
access_code (required)	Unique CCAvenue access code which is generated when merchant registered their IP address. You must send this with each request.	
request_type (required)	API requests are accepted in XML, JSON or String. Specify the request type.	Possible value for request_type is "XML" or "JSON" or "STRING".
response_type (optional)	API returns responses in XML, JSON or String format. If left blank, the response will be in the same format as request.	Possible value for response_type is "XML" or "JSON" or "STRING".
Command (required)	Command value specifies the API calls. You must send this with each request.	Possible value for this API call is "confirmOrder".
reference_no (required)	Unique CCAvenue reference number for the transaction.	Numeric(25)
amount (required)	Transaction amount to be captured. Amount can be full or partial of the transaction amount.	Decimal(12,2)

Example XML Request

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<Order_List>
  <order reference_no="123456789" amount="1.00"/>
  <order reference_no="123456789" amount="2.00" />
</Order_List>
```


Note: You will have to encrypt the above request and store in the “enc_request” parameter before sending it to CCAvenue. Kindly refer to the encryption section.

Example JSON Request

```
{
  "order_List": [
    { "reference_no": "203000099429", "amount": "1.00"},
    { "reference_no": "203000104640", "amount": "1.00"}
  ]
}
```

Note: You will have to encrypt the above request and store in the “enc_request” parameter before sending it to CCAvenue. Kindly refer to the encryption section.

Example STRING Request

Format: reference_no|amt | reference_no|amt | reference_no|amt |

Example: 203000099429|1.00|203000104640|1.00|

Note: You will have to encrypt the above request and store in the “enc_request” parameter before sending it to CCAvenue. Kindly refer to the encryption section.

Response Parameters

Name	Description	Note
status	This states whether the call was successful or not. If value of this parameter is “1” then you need not decrypt the enc_response as it will contain plain error message.	Value “0” denotes that the API call was successful. Value “1” denotes API call failure. On enc_response is plain text represents the error message.
enc_response	AES encrypted response containing format as per response_type	
success_count	Merchant checks the successfully processed records for confirmation of the transactions.	Numeric $0 \leq \text{success_count} \leq$ Number of orders to be confirmed.
reference_no	Unique CCAvenue reference numbers for the transaction.	Numeric(25)

reason	Failure as on if the given unique reference_no not going to confirm.	String Please refer below table for failure message.
error_code	Error code for Failure.	String Please refer below table for failure message.

Example XML Response

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<Order_Result error_code="">
  <error_desc></error_desc>
  <success_count>0</success_count>
  <failed_List>
    <failed_order error_code="51304 " reason=" Invalid order/tracking id " reference_no="123456788"/>
    <failed_ordererror_code="51206"reason="OrderList:InvalidParameter"
reference_no="123456788"/>
  </failed_List>
</Order_Result>
```

Note: You will have to decrypt the above response from “enc_response” parameter. Kindly refer to the decryption section.

Example JSON Response

```
{
  "failed_List":[
    {
      "reference_no":"123456788","reason":" Invalid order/tracking id
", "error_code":"51304 "},
    {
      "reference_no":"123456788","reason":"Order List: Invalid
Parameter","error_code":"51206"}
  ],
  "error_desc":"",
  "success_count":0,
  "error_code":""
}
```

Note: You will have to decrypt the above response from “enc_response” parameter. Kindly refer to the decryption section.

ExampleSTRING Response

Format: success_count|error_code|reference_no|reason^error_code|reference_no|reason |

Example:0|51304|123456788|Invalidorder/trackingid^51206|123456788|OrderList:Invalid
Parameter|

Note: You will have to decrypt the above response from “enc_response” parameter. Kindly refer to the decryption section.

2. Cancel

Cancel API call allows you to cancel a pending order. An order older than 12 days is automatically cancelled. Once an order has been cancelled/auto-cancelled by the system, it cannot be confirmed. Funds will be refunded to the credit card or debit card or net banking account that was originally charged.

Request Parameters

Name	Description	Note
enc_request (required)	AES encrypted request data	
access_code (required)	Unique CCAvenue access code which is generated when merchant registered their IP address. You must send this with each request.	
request_type (required)	API requests are accepted in XML, JSON or String. Specify the request type.	Possible value for request_type is “XML” or “JSON” or “STRING”.
response_type (optional)	API returns responses in XML, JSON or String format. If left blank, the response will be in the same format as request.	Possible value for response_type is “XML” or “JSON” or “STRING”.
Command (required)	Command value specifies the API calls. You must send this with each request.	Possible value for this API call is “cancelOrder”
reference_no (required)	Unique CCAvenue reference number for the transaction.	Numeric(25)
amount (required)	Transaction amount to be captured. Amount can be full or partial of the transaction amount.	Decimal(12,2)

Example XML Request

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<Order_List>
    <order reference_no="123456788" amount="1.00" />
    <order reference_no="123456789" amount="2.00" />
</Order_List>
```

Note: You will have to encrypt the above request and store in the “enc_request” parameter before sending it to CCAvenue. Kindly refer to the encryption section.

Example JSON Request

```
{
  "order_List": [
    {"reference_no": "203000099429", "amount": "1.00" },
    {"reference_no": "203000099429", "amount": "1.00" }
  ]
}
```

Note: You will have to encrypt the above request and store in the “enc_request” parameter before sending it to CCAvenue. Kindly refer to the encryption section.

Example STRING Request

Format: reference_no|amt | reference_no|amt |

Example: 203000099429|1.00|203000104640|101.23|

Note: You will have to encrypt the above request and store in the “enc_request” parameter before sending it to CCAvenue. Kindly refer to the encryption section.

Response Parameters

Name	Description	Note
status	This states whether the call was successful or not. If value of this parameter is “1” then you need not decrypt the enc_response as it will contain plain error message.	Value “0” denotes that API call is successful. Value “1” denotes API call failure. On enc_response is plaintext that represents the error message.
enc_response	AES encrypted response containing format as per <i>response_type</i>	

success_count	Merchant checks the successfully processed records for cancellation of the transactions.	Numeric 0<=success_count<= Numberofordersforthecancel request.
reference_no	Unique CCAvenue reference number for the transaction.	Numeric(25)
reason	Failure reason if given reference_no are not going to cancel successfully.	String Please refer below table for failure message.
error_code	Error code for Failure reason.	String Please refer below table for failure message.

Example XML Response

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<Order_Result error_code="">
  <error_desc></error_desc>
  <success_count>0</success_count>
  <failed_List>
    <failed_order error_code="51304 " reason=" Invalid order/tracking id " reference_no="123456788"/>
    <failed_order error_code="51206" reason="OrderList:InvalidParameter"
reference_no="123456788"/>
  </failed_List>
</Order_Result>
```

Note: You will have to decrypt the above response from “enc_response” parameter. Kindly refer to the decryption section.

Example JSON Response

```
{
  "failed_List":[
    {"reference_no":"123456788","reason":" Invalid order/tracking id
","error_code":"51304 "},
    {"reference_no":"123456788","reason":"Order List: Invalid
Parameter","error_code":"51206"}
  ],
  "error_desc":"",
  "success_count":0,
  "error_code":""
}
```

Note: You will have to decrypt the above response from “enc_response” parameter. Kindly refer to the decryption section.

ExampleSTRING Response

Format: success_count|error_code|reference_no|reason^error_code|reference_no|reason |

Example:0|51304|123456788|Invalidorder/trackingid^51206|123456788|OrderList:Invalid
Parameter|

Note: You will have to decrypt the above response from “enc_response” parameter. Kindly refer to the decryption section.

3. Refund

The Refund API call allows you to refund an order/transaction that has previously been executed but not yet refunded. Funds will be refunded to the credit card or debit card or net banking account that was originally charged.

Request Parameters

Name	Description	Note
enc_request (required)	AES encrypted request data	
access_code (required)	Unique CCAvenue access code which is generated when merchant registered their IP address. You must send this with each request.	
request_type (required)	API requests are accepted in XML, JSON or String. Specify the request type.	Possible value for request_type is “XML” or “JSON” or “STRING”.
response_type (optional)	API returns XML, JSON or String responses. If left blank, the response will be in the same format as request.	Possible value for response_type is “XML” or “JSON” or “STRING”.
command (required)	Unique name which specifies the API call. You must send this with each request.	Possible value for command to this API call is “refundOrder”.

reference_no (required)	Unique CCAvenue reference number for the transaction.	Numeric(25)
refund_amount (required)	Transaction amount to be refund. Amount can be full or partial of the transaction amount.	Decimal(12,2).
refund_ref_no (required)	Unique reference numbers shared by merchant to refund the captured transaction amount.	AlphaNumeric(30)

Example XML Request

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<Refund_Order_Query reference_no="1236547" refund_amount="1.0" refund_ref_no="API1234">
</Refund_Order_Query>
```

Note: You will have to encrypt the above request and store in the “enc_request” parameter before sending it to CCAvenue. Kindly refer to the encryption section.

Example JSON Request

```
{
  "reference_no": "1236547",
  "refund_amount": "1.0",
  "refund_ref_no": "API1234"
}
```

Note: You will have to encrypt the above request and store in the “enc_request” parameter before sending it to CCAvenue. Kindly refer to the encryption section.

Example STRING Request

Format: reference_no|refund_amount|refund_ref_no|

Example: 203000094245 | 1.00 | API1234 |

Note: You will have to encrypt the above request and store in the “enc_request” parameter before sending it to CCAvenue. Kindly refer to the encryption section.

Response Parameters

Name	Description	Note
status	This states whether the call was successful or not. If value of this parameter is "1" then you need not decrypt the enc_response as it will contain plain error message.	Value "0" denotes the API call was successful. Value "1" denotes API call failure. On enc_response is plain text represents the error message.
enc_response	AES encrypted response containing format as per <i>response_type</i>	
refund_status	Refund status specifies whether given refund request is going to succeed or fail.	Numeric Value "0" denotes refund was successful Value "1" denotes refund was failure.
reason	Failure reason if there fund request is going to fail for the transactions.	String Please refer below table for failure message.
error_code	Error code for Failure reason.	String Please refer below table for failure message.

Example XML Response

Success Response:

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>  
<Refund_Order_Result reason="" refund_status="0" reason="" error_code=""/>
```

Failure Response:

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>  
<Refund_Order_Result reason="Reference number: Invalid Parameter" refund_status="1" error_code="51310"/>
```

Note: You will have to decrypt the above response from "enc_response" parameter. Kindly refer to the decryption section.

Example JSON Response

Success Response:

```
{
  "reason": "",
  "error_code": "",
  "refund_status": 0
}
```

Failure Response:

```
{
  "reason": "Referencenumber:InvalidParameter",
  "error_code": "51310",
  "refund_status": 1
}
```

Note: You will have to decrypt the above response from “enc_response” parameter. Kindly refer to the decryption section.

Example STRING Response**Success Response: Format:**

refund_status|

Example: 0|

Failure Response:

Format: refund_status|error_code|reason |

Example: 1 | 51310 | Reference number: Invalid Parameter |

Note: You will have to decrypt the above response from “enc_response” parameter. Kindly refer to the decryption section.

4. Status

The Status API call can be used to ascertain the status of a transaction/order. You can use this call if you have not received status/information for a transaction request. It can also be used as an additional security measure to reconfirm the parameters posted back.

Request Parameters

Name	Description	Note Parameters Datatype (Parameters max length)
enc_request (required)	AES encrypted request data	
access_code (required)	Unique CCAvenue access code which is generated when merchant registered their IP address. You must send this with each request.	
request_type (required)	API requests are accepted in XML, JSON or String. Specify the request type.	Possible value for request_type is "XML" or "JSON" or "STRING".
response_type (optional)	API returns responses in XML, JSON or String format. If left blank, the response will be in the same format as request.	Possible value for response_type is "XML" or "JSON" or "STRING".
command (required)	Command value specifies the API calls. You must send this with each request.	Value is "orderStatusTracker".
reference_no (conditional)	CCAvenue reference no. allocated to the transaction. Reference number is required if you do not share order_no.	Numeric(25).
order_no (conditional)	This is the merchant reference number for the transaction. Order number is required if you do not share reference_no.	Alphanumeric with special characters (hyphen and underscore)(30).

Example XML Request

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<Order_Status_Query order_no="33231644" reference_no="225013271813"/>
```

Note: You will have to encrypt the above request and store in the "enc_request" parameter before sending it to

CCAvenue. Kindly refer to the encryption section.

Example JSON Request

```
{
  "reference_no": "225013271813",
  "order_no": "33231644"
}
```

Note: You will have to encrypt the above request and store in the “enc_request” parameter before sending it to CCAvenue. Kindly refer to the encryption section.

Example STRING Request

Format: reference_no|order_no|

Example: 225013271813|33231644|

Note: You will have to encrypt the above request and store in the “enc_request” parameter before sending it to CCAvenue. Kindly refer to the encryption section.

Response Parameters

Name	Description	Note
status	This states whether the call was successful or not. If value of this parameter is “1” then you need not decrypt the enc_response as it will contain plain error message.	Value “0” denotes that the API call was successful. Value “1” denotes API call failure. On enc_response is plain text represents the error message.
enc_response	AES encrypted response containing format as per <i>response_type</i>	
order_amt	Amount for the transaction.	Decimal(12,2).
order_bill_address	Order billing address details for the order.	Possible value for address is Alphanumeric with special characters (space, hyphen, comma, ampersand(&), hash(#), circular brackets and dot)(315).
order_bill_city	Order billing City name for the order.	Possible value for city is Alphanumeric with special characters (space, comma, hyphen and dot)(30).
order_bill_country	Order billing Country for the Order.	Possible value for country is Alphanumeric with special characters (space)(30).
order_bill_email	Email Address of the Order for notifications.	Possible value for email ID is

		Alphanumeric with special characters (hyphen, underscore, dot, @)(70).
order_bill_name	Order billing name for the order.	Possible value for name is Alphanumeric with special characters (space, hyphen, apostrophe, underscore, dot)(60).
order_bill_state	Order billing state for the order.	Alphanumeric with special characters (hyphen, dot and space)(30).
order_bill_tel	Order billing telephone no. for the order.	Numeric(10)
order_bill_zip	Order billing address's pincode for the order.	Possible value for zip is Alphanumeric with special characters (hyphen and space) (15).
order_capt_amt	Captured amount for the transaction. Captured amount can be full or partial of the transaction amount.	Decimal(12,2).
order_curr	Possible order Currency in which merchant processed the transaction.	String Examples: INR – Indian Rupee USD – United States Dollar SGD – Singapore Dollar GBP – Pound Sterling EUR – Euro, official currency of Eurozone
order_date_time	Order Generated Date & Time.	Date Time in IST(yyyy-MM-dd HH:mm:ss.SSS) format.
order_device_type	This is the type of device using which the transaction was processed.	Possible value for device type is IVRS/MOB/PC .
order_discount	This is Discount Value for the Order No.	Decimal(12,2).
order_fee_flat	Flat Fee for the Order No.	Decimal(12,2).
order_fee_perc	Provides the percentage fee for the same order No.	Decimal(12,2).

order_fee_perc_value	This attribute provides the percentage fee Value for the same order No.	Decimal(12,2).
order_fraud_status	Specify whether orders are valid or not.	String Possible Values are: 1) Value " High " denotes "High Risk" 2) Value " Low " denotes "Low Risk" 3) Value " NR " denotes "NoRisk" Value " GA " denotes "Go Ahead" 5) Value " NA " denotes "Not Applicable"
order_gross_amt	Total transaction amount.	Decimal(12,2).
order_ip	Customer IP Address (i.e. from where transaction is being initiated)	IP V-4 Supported.
order_no	Order No. for the transaction.	Alphanumeric with special characters (hyphen and underscore)(30).
order_notes	Order information you wish to provide.	Alphanumeric with special characters (space, comma, dot, hyphen and underscore)(60).
order_ship_address	Shipping Address for the order.	Possible value for address is Alphanumeric with special characters (space, hyphen, comma, ampersand(&), hash(#), circular brackets and dot)(315)
order_ship_city	Shipping city name for the orders.	Possible value for city is Alphanumeric with special characters (space, comma, hyphen and dot)(30).
order_ship_country	Shipping country name for the orders.	Possible value for country is Alphanumeric with special characters (space)(30).
order_ship_email	Shipping email ID for the notifications of the transaction.	Possible value for email id is Alphanumeric with special characters (hyphen, underscore, dot, @)(70).

order_ship_name	ShippingName ofthe Customer for theorder.	Possible value for name is Alphanumeric with special characters (space, hyphen, apostrophe,underscore, dot)(60).
order_ship_state	Shipping state for the order.	Alphanumeric with special characters (hyphen, dot and space)(30).
order_ship_tel	Telephone no. for notifications of the transaction.	Numeric(10).
order_ship_zip	Order shippingaddress's pincodeforthe order.	Possible value for zip is Alphanumeric with special characters(hyphen and space) (15).
order_status	Status of the order.Itcan be single ormultiple.	String Possible values are: Aborted(transactioniscancelled by the User) Auto-Cancelled (transaction has not confirmed within 12 days hence autocancelledbysystem) Auto-Reversed (two identical transactions for same order number,bothweresuccessfulat bank'sendbutwegotresponse for only one of them, then next day during reconciliation we mark one of the transaction as auto reversed) Awaited (transaction is processed

		<p>frombillingshippingpagebutno response isreceived)</p> <p>Cancelled (transaction is cancelled by merchant)</p> <p>Chargeback()</p> <p>Invalid(Transaction sent to CCAvenue with Invalid parameters, hence could not be processed further)</p> <p>Fraud (we update this during recon,theamountisdifferentat bank'sendandatCCAvenue due to tampering)</p> <p>Initiated (transaction just arrived onbillingshippingpageandnot processed further)</p> <p>Refunded (Transaction is refunded.)</p> <p>Shipped (transaction is confirmed)</p> <p>Successful</p> <p>Systemrefund(Refundedby CCAvenueforvariousfindingsof reversals by CCAvenue)</p> <p>Unsuccessful (transaction is not successful)</p> <p>Timeout (The CCAvenue payment page has a Timeout set at 15 minutes per session)</p>
order_status_date_time	This is the latestdate and time when order status ismodified.	DateTime in IST(yyyy-MM-dd HH:mm:ss.SSS) format.
order_TDS	AmountofTDS(taxdeductedatsource)for the Transaction.	Decimal (13,4)
order_tax	Tax Amount for the Transaction.	Decimal (13,4)
reference_no	CCAvenue reference no. allocated to the transaction.	Numeric(25).
order_bank_ref_no	Unique reference number shared by Bank after successful transaction.	Numeric(25).

order_bank_response	Description about the transactions shared by the bank after transaction.	String
order_gtw_id	Unique payment option Bank name.	Alphabet(6)
order_card_name	Specify the card name for the transaction.	Possible value for card name is VISA ," MASTERCARD "," AMEX "," JCB "," DINERS CLUB ".
order_option_type	Specify the payment option type for the order.	String Possible value for payment option type is: OPTCASHC -Cash card OPTCRDC -Credit Card OPTDBCRD -Debit Card OPTEMI -EMI OPTIVRS -IVRS OPTMOBP -Mobile Payments OPTNBK -Net Banking
Merchant_param1	Temp parameters value update by merchant at transaction time for further use.	String
Merchant_param2	Temp parameters value update by merchant at transaction time for further use.	String
Merchant_param3	Temp parameters value update by merchant at transaction time for further use.	String
Merchant_param4	Temp parameters value update by merchant at transaction time for further use.	String
Merchant_param5	Temp parameters value update by merchant at transaction time for further use.	String
page_count	Total pages available based on <i>no_of_records</i> in the request.	Example: no_of_records sent in request was 100 total_records matching the lookup criteria were 1000 page_count will be 10 (total_records / no_of_records) rounded to the ceiling.
total_records	Total no. of orders matching the lookup criteria.	
error_desc	Reason if search criteria did not find the orders for the transactions.	String. Please refer below table for failure message.

error_code	Error code for Failure reason.	String. Please refer below table for failure message.

Example XML Response

Success Response:

```
<?xml version='1.0' encoding='UTF-8'?>
<Order_Status_Result error_code="">
  <error_desc></error_desc>
  <order_TDS>0.0</order_TDS>
  <order_amt>1.0</order_amt>
  <order_bank_ref_no>035944</order_bank_ref_no>
  <order_bank_response>Transaction Successful</order_bank_response>
  <order_bill_address>Room no1101,nearRailwaystation      Ambad</order_bill_address>
  <order_bill_city>Indore</order_bill_city>
  <order_bill_country>India</order_bill_country>
  <order_bill_email>chandrakant.patil@avenues.info</order_bill_email>
  <order_bill_name>Shashi</order_bill_name>
  <order_bill_state>MP</order_bill_state>
  <order_bill_tel>9595226054</order_bill_tel>
  <order_bill_zip>425001</order_bill_zip>
  <order_capt_amt>0.0</order_capt_amt>
  <order_card_name>MasterCard</order_card_name>
  <order_currncy>INR</order_currncy>
  <order_date_time>2015-09-16 15:05:55.573</order_date_time>
  <order_delivery_details></order_delivery_details>
  <order_device_type>PC</order_device_type>
  <order_discount>0.0</order_discount>
  <order_fee_flat>0.0</order_fee_flat>
  <order_fee_perc>2.3</order_fee_perc>
  <order_fee_perc_value>0.02</order_fee_perc_value>
  <order_fraud_status>NA</order_fraud_status>
  <order_gross_amt>1.0</order_gross_amt>
  <order_gtw_id>ICICI</order_gtw_id>
  <order_ip>192.168.2.182</order_ip>
  <order_no>66068092</order_no>
  <order_notes>order will be shipped</order_notes>
  <order_option_type>OPTCRDC</order_option_type>
  <order_ship_address>Room no1101,nearRailwaystation      Ambad</order_ship_address>
  <order_ship_city>Indore</order_ship_city>
  <order_ship_country>India</order_ship_country>
  <order_ship_email></order_ship_email>
```

```

<order_ship_name>Shashi</order_ship_name>
<order_ship_state>MP</order_ship_state>
<order_ship_tel>9595226054</order_ship_tel>
<order_ship_zip>425001</order_ship_zip>
<order_status>Successful</order_status>
<order_status_date_time>2015-09-16 15:06:13.243</order_status_date_time>
<order_tax>0.0028</order_tax>
< Merchant_param1>Mobile No9595226054</ Merchant_param1>
< Merchant_param2>Flight from Dehli</ Merchant_param2>
< Merchant_param3>ToMumbai</ Merchant_param3>
< Merchant_param4>Mobile No9595226054</ Merchant_param4>
< Merchant_param5>Mobile No9595226054</ Merchant_param5>
<reference_no>204000163469</reference_no>
<status>0</status>
</Order_Status_Result>

```

Failure Response:

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<Order_Status_Result error_code="51313">
  <error_desc>Order List: Invalid Parameter</error_desc>
  <status>1</status>
</Order_Status_Result>

```

Note: You will have to decrypt the above response from "enc_response" parameter. Kindly refer to the decryption section.

Example JSON Response

Success Response:

```

{
  "reference_no":"204000163469",
  "order_no":"66068092",
  "order_currncy":"INR",
  "order_amt":1.0,
  "order_date_time":"2015-09-16 15:05:55.573",
  "order_bill_name":"Shashi",
  "order_bill_address":"Room no 1101, near Railwaystation Ambad",
  "order_bill_zip":"425001",
  "order_bill_tel":"9595226054",
  "order_bill_email":"chandrakant.patil@avenues.info",
  "order_bill_country":"India",
  "order_ship_name":"Shashi",
  "order_ship_address":"Room no1101, near RailwaystationAmbad",

```

```

"order_ship_country":"India",
"order_ship_tel":"9595226054",
"order_bill_city":"Indore",
"order_bill_state":"MP",
"order_ship_city":"Indore",
"order_ship_state":"MP",
"order_ship_zip":"425001",
"order_ship_email":"",
"order_notes":"order will be shipped",
"order_ip":"192.168.2.182",
"order_status":"Successful",
"order_fraud_status":"NA",
"order_status_date_time":"2015-09-16 15:06:13.243",
"order_capt_amt":0.0,
"order_card_name":"MasterCard",
"order_delivery_details":"",
"order_fee_perc":2.3,
"order_fee_perc_value":0.02,
"order_fee_flat":0.0,
"order_gross_amt":1.0,
"order_discount":0.0,
"order_tax":0.0028,
"order_bank_ref_no":"035944",
"order_gtw_id":"ICICI",
"order_bank_response":"Transaction Successful",
"order_option_type":"OPTCRDC", "order_TDS":0.0,
"order_device_type":"PC", "
Merchant_param1":"Mobile No9595226054", "
Merchant_param2":"Flight from Dehli", "
Merchant_param3":"ToMumbai", "
Merchant_param4":"Mobile No9595226054", "
Merchant_param5":"Mobile No9595226054",
"error_desc":"",
"status":0,
"error_code":""
}

```

Failure Response:

```

{
  "error_desc":"Order List: Invalid Parameter",
  "error_code":"51313",
  "status":1
}

```

Note: You will have to decrypt the above response from “enc_response” parameter. Kindly refer to the decryption section.

Example STRING Response

Format:

status|order_status|reference_no | order_bank_ref_no | order_bank_response |
order_bill_name|order_bill_email | order_bill_address | order_bill_city | order_bill_state|order_bill_co
untry | order_bill_telephone_no | order_bill_city_zip | order_card_name|order_currency|order_date_
time|order_delivery_details|order_device_type|order_fraud_status|order_gateway_id | order_iP | or
der_no| order_notes|order_option_type|order_shipping_name|order_ship_email | order_ship_address|order
_ship_city | order_ship_state|order_ship_country | order_ship_telephone_no | order_ship_zip | order_
status_date_time|order_TDS|order_amount|order_capture_amount|order_discount|order_fee fla
t| order_fee_perc|order_fee_perc_value|order_gross_amount|order_tax|Merchant_param1 |
Merchant_param2| Merchant_param3| Merchant_param4| Merchant_param5|

Example:

0 | Successful | 204000163514 | 068406 | Transaction Successful | Shashi | gzpmgexii@i.softbank.jp | Room no
1101, near Railway station Ambad | Indore|MP | India|9595226054 | 425001 | MasterCard | INR|2015-
09-18 12:53:40.407 | | PC|NA|ICICI|192.168.2.182 | 64807533 | order will be
shipped|OPTCRDC|Shashi | | Room no 1101, near Railway station
Ambad | Indore|MP | India|9595226054 | 425001 | 2015-09-18
12:54:15.357 | 0.0|1.0|0.0 | 0.0|0.0 | 2.3|0.02 | 1.0|0.0028 | Mobile No9595226054 | Flight from
Dehli|ToMumbai|Mobile No9595226054|Mobile No9595226054|

Failure Response:

Format: statud | error_code | error_desc |

Example: 1 | 51313 | Order List: Invalid Parameter |

Note: You will have to decrypt the above response from “enc_response” parameter. Kindly refer to the decryption section.

5. Order Lookup

The Lookup API call can be used to extract transaction details for a certain set of transactions. The functionality works similar to a search feature.

Request Parameters

Name	Description	Note
enc_request (required)	AES encrypted request data	
access_code (required)	Unique CCAvenue access code which is generated when merchant registered their IP address. You must send this with each request.	
request_type (required)	API requests are accepted in XML, JSON or String. Specify the request type.	Possible value for request_type is "XML" or "JSON" or "STRING".
response_type (optional)	API returns responses in XML, JSON or String format. If left blank, the response will be in the same format as request.	Possible value for response_type is "XML" or "JSON" or "STRING".
Command (required)	Command value specifies the API calls. You must send this with each request.	Possible value for this API call is "orderLookup".
reference_no (optional)	Unique CCAvenue reference number for the transaction.	Numeric(25).
from_date (required)	Provide the Start Date to find the orders list.	Date must be in IST(dd-mm-yyyy) format.
to_date (optional)	Provide the end date to search the orders between from date and to date. It should be greater than or equal to from date.	Date must be in IST(dd-mm-yyyy) format.
order_currency (optional)	Currency in which you processed the transaction. You can send the multiple currencies format.	String Example: INR – Indian Rupee USD – United States Dollar SGD – Singapore Dollar GBP – Pound Sterling EUR – Euro, official currency of Eurozone Multiple currency format: INR USD GBP in JSON & XML request type but INR USD GBP in STRING request type

order_email (optional)	Email address used to purchase the order.	Alphanumeric with special characters (hyphen, underscore, dot, @)(70).
order_fraud_status (optional)	Specify whether orders are valid or not.	String Possible Values are: 1) Value " High " denotes "High Risk" 2) Value " Low " denotes "LowRisk" 3) Value " NR " denotes "NoRisk" 4) Value " GA " denotes "GoAhead" 5) Value " NA " denotes "Not Applicable" 6)
order_min_amount (optional)	Minimum amount limit for search criteria for the transaction.	Decimal(12,2).
order_max_amount (optional)	Maximum amount limit for search criteria for the transaction.	Decimal(12,2).
order_name (optional)	Customer name for the transaction.	Alphanumeric with special character (space, hyphen, apostrophe, underscore, dot)(60).
order_no (optional)	Unique merchant order no for the transaction.	AlphaNumeric with special characters (hyphen and underscore)(60).
order_payment_type (optional)	Payment Mode for the transaction. It can be single or multiple.	String Below are the Possible Values: 1) CASHC (Cash Card Payment Type) 2) CRDC (Credit Card Payment Type) 3) DBCRD (Debit Card Payment Type) 4) MOBP (Mobile Payment Type) 5) NBK (Net Banking) Multiple values format: MOBP NBK for JSON & XML request type but MOBP NBK for STRING request type.

order_status <i>(optional)</i>	Status of the order. It can be single or multiple.	String Possible values are: Aborted (transaction is cancelled by the User) Auto-Cancelled (transaction has not confirmed within 12 days hence auto cancelled by system) Auto-Reversed (two identical transactions for same order number, both were successful at bank's end but we got response for only one of them, then next day during reconciliation we mark one of the transaction as auto reversed) Awaited (transaction is processed from billing shipping page but no response is received) Cancelled (transaction is cancelled by merchant) Chargeback () Invalid (Transaction sent to CCAvenue with Invalid parameters, hence could not be processed further)
--	--	---

		Fraud (we update this during recon, the amount is different at bank's end and at CCAvenue due to tampering) Initiated (transaction just arrived on billing shipping page and not processed further) Refunded (Transaction is refunded.) Shipped (transaction is confirmed) Successful System refund (Refunded by CCAvenue for various find of reversals by CCAvenue) Unsuccessful (transaction is not successful due to)
order_type (optional)	Type of the order.	String Different types of Orders: 1) OT-INV denotes "Invoice" 2) OT-ORD denotes "Orders" 3) OT-ORDSC denotes "Shopping Cart Orders" 4) OT-PPAY denotes "Phone Pay" 5) OT-SNIP denotes "SNIP orders"
order_bill_tel (optional)	Customer mobile number for the transaction.	Numeric(10).
page_number (required)	A limited number of records are shared as part of the response. The total records & number of pages are shared as part of the response to enable subsequent calls.	Numeric(4).

Example XML Request

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<Order_Lookup_Query>
  <order_no>xxxxxxx</order_no>
  <reference_no>xxxxxxxx</reference_no>
  <order_email>xxx@xxxxx.com</order_email>

```



```

<order_bill_tel>xxxxxxxxxx</order_bill_tel>
<order_country>xxxxx</order_country>
<from_date>xx-xx-xxxx</from_date>
<to_date>xx-xx-xxxx</to_date>
<order_max_amount>xx.xx</order_max_amount>
<order_min_amount>xx.xx</order_min_amount>
<order_status>xxxxxxx</order_status>
<order_fraud_status>xxxx</order_fraud_status>
<order_currency>xxx</order_currency>
<order_type>xx-xxx</order_type>
<order_payment_type>xxxxxx</order_payment_type>
<page_number>1</page_number>
</Order_Lookup_Query>

```

Note: You will have to encrypt the above request and store in the “enc_request” parameter before sending it to CCAvenue. Kindly refer to the encryption section.

Example JSON Request

```

{
  "order_no": "xxx",
  "reference_no": "xxxxx",
  "order_email": "xxx@xxxx.com",
  "order_bill_tel": "xxxxxxxxxx",
  "order_country": "xxxxxxx",
  "from_date": "xx-xx-xxxx",
  "to_date": "xx-xx-xxxx",
  "order_max_amount": "xx.xx",
  "order_min_amount": "xx.xx",
  "order_status": "xxxxx",
  "order_fraud_status": "xxxx",
  "order_currency": "xxx",
  "order_type": "xxxxxx",
  "order_payment_type": "xxxxx",
  "page_number": 1
}

```

Note: You will have to encrypt the above request and store in the “enc_request” parameter before sending it to CCAvenue. Kindly refer to the encryption section.

Example STRING Request

Format:

reference_no | order_no | from_date | to_date | order_status | order_bill_tel | order_country | order_email | order_fraud_status | order_max_amount | order_min_amount | order_name | order_payment_type | order_type | order_currency | page_number |

Example: ||21-03-2015|03-04-2015||||||||||1|

Note: You will have to encrypt the above request and store in the “enc_request” parameter before sending it to CCAvenue. Kindly refer to the encryption section.

Response Parameters

Name	Description	Note
status	This states whether the call was successful or not. If value of this parameter is “1” then you need not decrypt the enc_response as it will contain plain error message.	Value “0” denotes that the API call was successful. Value “1” denotes API call failure. On enc_response is plain text represents the error message.
enc_response	AES encrypted response containing format as per <i>response_type</i>	
order_amt	Amount for the transaction.	Decimal(12,2).
order_bill_address	Order billing address details for the order.	Possible value for address is Alphanumeric with special characters (space, hyphen, comma, ampersand(&), hash(#), circular brackets and dot)(315)
order_bill_city	Order billing City name for the order.	Possible value for city is Alphanumeric with special characters (space, comma, hyphen and dot)(30).
order_bill_country	Order billing country for the Order.	Possible value for country is Alphanumeric with special characters (space)(30).

order_bill_email	EmailAddress of the Order for notifications.	Possible value for email id is Alphanumeric with special characters (hyphen, underscore, dot,@)(70).
order_bill_name	Order billing name for the order.	Possible value for name is Alphanumeric with special characters (space, hyphen, apostrophe, underscore, dot)(60).
order_bill_state	Order billing state for the order.	Alphanumeric with special characters (hyphen, dot and space)(30).
order_bill_tel	Order billing telephone no for the order.	Numeric(10)
order_bill_zip	Order billing address's pin code for the order.	Possible value for zip is AlphaNumeric with special characters (hyphen and space) (15).
order_capt_amt	Captured amount for the transaction. Captured amount can be full or partial of the transaction amount.	Decimal(12,2).
order_curr	Possible order Currency in which merchant processed the transaction.	String Examples: INR – Indian Rupee USD – United States Dollar SGD – Singapore Dollar GBP – Pound Sterling EUR – Euro, official currency of Eurozone
order_date_time	Order Generated Date & Time.	Date Time in IST(yyyy-MM-dd HH:mm:ss.SSS) format.
order_device_type	This is the type of device using which the transaction was processed.	Possible value for device type is IVRS/MOB/PC .
order_discount	This is Discount Value for the Order No.	Decimal(12,2).
order_fee_flat	Flat Fee for the Order No.	Decimal(12,2).
order_fee_perc	Provides the percentage fee for the same order No.	Decimal(12,2).

order_fee_perc_value	This attribute provides the percentage fee Value for the same order No.	Decimal(12,2).
order_fraud_status	Specify whether orders are valid or not.	String Possible Values are: 1) Value " High " denotes "High Risk" 2) Value " Low " denotes "Low Risk" 3) Value " NR " denotes "No Risk" 4) Value " GA " denotes "Go Ahead" 5) Value " NA " denotes "Not Applicable"
order_gross_amt	Total transaction amount.	Decimal(12,2).
order_ip	Customer IP Address (i.e. from where transaction is being initiated)	IP V-4 Supported.
order_no	Order No for the transaction.	AlphaNumeric with special characters(hyphen and underscore)(30).
order_notes	Order information you wish to provide.	AlphaNumeric with special characters(space, comma, dot, hyphen and underscore)(60).
order_ship_address	Shipping Address for the order.	Possible value for address is Alphanumeric with special characters (space, hyphen, comma, ampersand(&), hash(#), circularbracketsanddot)(315)
order_ship_city	Shipping city name for the orders.	Possible value for city is Alphanumeric with special characters (space, comma, hyphen and dot)(30).
order_ship_country	Shipping country name for the orders.	Possible value for country is Alphanumeric with special characters (space)(30).

order_ship_email	ShippingemailID for the notifications of the transaction.	Possible value for email id is Alphanumeric with special characters (hyphen, underscore, dot,@)(70).
order_ship_name	Shipping Name of the Customer for the order.	Possible value for name is Alphanumeric with special characters (space, hyphen, apostrophe, underscore, dot)(60).
order_ship_state	Shipping state for the order.	Alphanumeric with special characters (hyphen, dot and space)(30).
order_ship_tel	Telephone no for notifications of the transaction.	Numeric(10).
order_ship_zip	Order shipping address's pin code for the order.	Possible value for zip is AlphaNumeric with special characters (hyphen and space) (15).

order_status	Status of the order. It can be single or multiple.	String Possible values are: Aborted (transaction is cancelled by the User) Auto-Cancelled (transaction has not confirmed within 12 days hence auto cancelled by system) Auto-Reversed (two identical transactions for same order number, both were successful at bank's end but we got response for only one of them, then next day during reconciliation we mark one of the transactions as auto reversed) Awaited (transaction is processed from billing shipping page but no response is received) Cancelled (transaction is cancelled by merchant) Chargeback() Invalid (Transaction sent to CCAvenue with Invalid parameters, hence could not be processed further) Fraud (we update this during recon, the amount is different at bank's end and at CCAvenue due to tampering) Initiated (transaction just arrived on billing shipping page and not processed further) Refunded (Transaction is refunded.) Shipped (transaction is confirmed) Successful System refund (Refunded by CCAvenue for various find of reversals by CCAvenue) Unsuccessful (transaction is not successful due to)
order_status_date_time	This is the latest date and time when order status is modified.	Date Time in IST(yyyy-MM-dd HH:mm:ss.SSS) format.

order_TDS	Amount of TDS (tax deducted at source) for the Transaction.	Decimal(13,4).
order_tax	Tax Amount for the Transaction.	Decimal (13,4)
reference_no	CCAvenue reference no allocated to the transaction.	Numeric(25).
order_bank_ref_no	Unique reference number share by Bank after successful transaction.	Numeric(25).
order_bank_response	Description about the transactions shared by the bank after transaction.	String
order_gtw_id	Unique payment option Bank name.	Alphabet(6)
order_card_name	Specify the card name for the transaction.	Possible value for card name is VISA, "MASTERCARD", "AMEX", "JCB", "ECRD", "DINERS CLUB", "DSNV", "CTBL", "CVMS".
order_option_type	Specify the payment option type for the order.	String Possible value for payment option type is OPTCASHC-Cash card OPTCRDC -Credit Card OPTDBCRD-Debit Card OPTEMI-EMI OPTIVRS-IVRS OPTMOBP-Mobile Payments OPTNBK-Net Banking
Merchant_param1	Temp parameters value update by merchant at transaction time for further use.	String
Merchant_param2	Temp parameters value update by merchant at transaction time for further use.	String
Merchant_param3	Temp parameters value update by merchant at transaction time for further use.	String
Merchant_param4	Temp parameters value update by merchant at transaction time for further use.	String
Merchant_param5	Temp parameters value update by merchant at transaction time for further use.	String

error_desc	Reason if search criteria did not find the orders for the transactions.	String Please refer below table for failure message.
error_code	Error code for Failure reason.	String Please refer below table for failure message.
page_count	Total pages available based on no. of records in the request	Example: no. of records sent in request was 100
total_records	Total no. of orders matching the lookup criteria	total_records matching the lookup criteria were 1000 page_count will be 10 (total_records / no_of_records) rounded to the ceiling

Example XML Response

Success Response:

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<Order_Lookup_Result error_code="">
  <error_desc></error_desc>
  <order_Status_List>
    <order order_TDS="0.0"
      order_amt="1.0"
      order_bank_response="Invalid Credentials"
      order_bill_address="Room no1101,nearRailwaystationAmbad"
      order_bill_city="Indore"
      order_bill_country="India"
      order_bill_email="xxxxx.xxx@xxxxx.xxx"
      order_bill_name="Shashi" order_bill_state="MP"
      order_bill_tel="1234567890"
      order_bill_zip="425001"
      order_capt_amt="0.0"
      order_card_name="MasterCard"
      order_currncy="INR" order_date_time="2015-
03-31 11:20:44.47" order_device_type="PC"
      order_discount="0.0"
      order_fee_flat="0.0"
      order_fee_perc="12.0"
      order_fee_perc_value="0.12"
      order_fraud_status="NA"
      order_gross_amt="1.0"
      order_gtw_id="SBI"
      order_ip="192.168.2.182"
```



```

order_no="45289752"
order_notes="order will be shipped"
order_option_type="OPTCRDC"
order_ship_address="Roomno1101,nearRailwaystationAmbad"
order_ship_city="Indore"
order_ship_country="India"
order_ship_name="Shashi"
order_ship_state="MP"
order_ship_tel="1234567890"
order_ship_zip="425001"
order_status="Unsuccessful"
order_status_date_time="2015-03-31 11:21:09.99"
order_tax="0.0148"
reference_no="204000134595"/>
</order_Status_List>
<page_count>1</page_count>
<total_records>1</total_records>
</Order_Lookup_Result>

```

Failure Response:

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<Order_Lookup_Result error_code="51313">
  <error_desc>Order List: Invalid Parameter</error_desc>
  <page_count>0</page_count>
  <total_records>0</total_records>
</Order_Lookup_Result>

```

Note: You will have to decrypt the above response from “enc_response” parameter. Kindly refer to the decryption section.

Example JSON Response

Success Response:

```

{
  "order_Status_List": [{
    "reference_no": 204000134595,
    "order_no": "45289752",
    "order_currncy": "INR",
    "order_amt": 1.0,
    "order_date_time": "2015-03-31 11:20:44.47",
    "order_bill_name": "Shashi",
    "order_bill_address": "Room no 1101, near Railwaystation Ambad",
    "order_bill_zip": "425001",
    "order_bill_tel": "1234567890",
    "order_bill_email": "xxxx.xxxx@xxxx.xxxx",
  ]
}

```

```

"order_bill_country":"India",
"order_ship_name":"Shashi",
"order_ship_address":"Room no1101, near RailwaystationAmbad",
"order_ship_country":"India",
"order_ship_tel":"1234567890",
"order_bill_city":"Indore",
"order_bill_state":"MP",
"order_ship_city":"Indore",
"order_ship_state":"MP",
"order_ship_zip":"425001",
"order_notes":"order will be shipped",
"order_ip":"192.168.2.182",
"order_status":"Unsuccessful",
"order_fraud_status":"NA",
"order_status_date_time":"2015-03-31 11:21:09.99",
"order_capt_amt":0.0,
"order_card_name":"MasterCard",
"order_fee_perc_value":0.12, "order_fee_perc":12.0,
"order_fee_flat":0.0,
"order_gross_amt":1.0,
"order_discount":0.0,
"order_tax":0.0148,
"order_TDS":0.0,
"order_gtw_id":"SBI",
"order_bank_response":"Invalid Credentials",
"order_option_type":"OPTCRDC",
"order_device_type":"PC"
Merchant_param1:"Mobile No9595226054", "
Merchant_param2:"Flight from Dehli", "
Merchant_param3:"ToMumbai", "
Merchant_param4:"Mobile No9595226054", "
Merchant_param5:"Mobile No9595226054",
}},
"page_count":1,
"total_records":1,
"error_desc": "",
"error_code":""
}

```

Failure Response:

```

{
  "page_count":0,
  "total_records":0,
  "error_desc":"Order List: Invalid Parameter",
  "error_code":"51313"
}

```

Note: You will have to decrypt the above response from “enc_response” parameter. Kindly refer to the decryption section.

Example STRING Response

Success Response: Format:

page_count | total_records | reference_no | order_no | order_amount | order_status | order_bank_ref_n
o | order_bank_response | order_card_name | order_currency | order_date_time | order_delivery_detail
s | order_device_type | order_fraud_status | order_gateway_id | order_ip | order_notes | order_option_
type | order_bill_name | order_bill_address | order_bill_city | order_bill_state | order_bill_country | orde
r_bill_zip | order_bill_tel | order_bill_email | order_ship_name | order_ship_address | order_ship_city | o
rder_ship_state | order_ship_county | order_ship_zip | order_ship_tel | order_ship_email | order_captu
re_amount | order_discount | order_gross_amount | order_fee_flat | order_fee_perc | order_fee_perc_
value^ | Merchant_param1 | Merchant_param2 | Merchant_param3 | Merchant_param4 |
Merchant_param5 |

Example:

Successful Response:

1 | 1 | 204000134595 | 45289752 | 1.0 | Unsuccessful | Invalid Credentials | MasterCard | INR | 2015-03-31
11:20:44.47 | PC | NA | SBI | 192.168.2.182 | order will be shipped | OPTCRDC | Shashi | Room no 1101, near Railway
station Ambad | Indore | MP | India | 425001 | 9595226054 | xxxxx.xxxx@xxxxxx.xxxx | Shashi | Room no 1101, near
Railway station Ambad | Indore | MP | India | 425001 | 1234567890 | 0.0 | 0.0 | 1.0 | 0.0 | 12.0 | 0.12 | Mobile
No9595226054 | Flight from Dehli | ToMumbai | Mobile No9595226054 | Mobile No9595226054 |

Failure Response:

Format: page_no | total_no_of_records | error_code | error_desc |

Example: 0 | 0 | 51313 | Order List: Invalid Parameter |

Note: You will have to decrypt the above response from “enc_response” parameter. Kindly refer to the decryption section.

6. Pending Orders

Pending API call allows you to find the list of pending orders. Only confirmed orders are settled into the merchant's account. An order older than 12 days is automatically canceled. Once an order has been auto-canceled by the system, it cannot be confirmed.

You can optionally confirm only part of an order. Remember, you can do so only once. Remaining funds will be refunded to the credit card or debit card or net banking account that was originally charged.

Request Parameters

Name	Description	Note
enc_request (required)	AES encrypted request data	
access_code (required)	Unique CCAvenue access code which is generated when merchant registered their IP address. You must send this with each request.	
request_type (required)	API requests are accepted in XML, JSON or String. Specify the request type.	Possible value for request_type is "XML" or "JSON" or "STRING".
response_type (optional)	API returns responses in XML, JSON or String format. If left blank, the response will be in the same format as request.	Possible value for response_type is "XML" or "JSON" or "STRING".
Command (required)	Command value specifies the API calls. You must send this with each request.	Possible value for this API call is "getPendingOrders".
reference_no (optional)	Unique CCAvenue reference number for the transaction.	Numeric(25)
order_no (optional)	Unique Merchant order number for the pending order of the transaction.	AlphaNumeric with special characters (hyphen and underscore)(30).
order_bill_name (optional)	Name of the customer to find invoice details after placing orders.	Alphanumeric with special character (space, hyphen, apostrophe, underscore, dot)(60).
order_email (optional)	Email ID of customer to send mail for the generate invoice.	Alphanumeric with special characters (hyphen, underscore, dot, @)(70).
order_bill_tel (optional)	Mobile number of the customer to send the generate invoice.	Numeric(10)

order_fraud_status (optional)	Type of fraud status.	String Possible Values are: 1) Value " High " denotes "High Risk" 2) Value " Low " denotes "Low Risk" 3) Value " NR " denotes "NoRisk" 4) Value " GA " denotes "GoAhead" 5) Value " NA " denotes "Not Applicable"
order_currency (optional)	Currency in which you processed the transaction. You can send them in multiple currencies format.	String Example: INR – Indian Rupee USD – United States Dollar SGD – Singapore Dollar GBP – Pound Sterling EUR – Euro, official currency of Eurozone Multiple currency format: INR USD GBP in XML & JSON request type and INR USD GBP in STRING request type.
order_type (optional)	Type of the order.	String Different types of Orders: 1) OT-INV denotes "Invoice" 2) OT-ORD denotes "Orders" 3) OT-ORDSC denotes "Shopping Cart Orders" 4) OT-PPAY denotes "Phone Pay" 5) OT-SNIP denotes "SNIP Orders"
page_number (required)	A limited number of records are shared as part of the response. The total records & number of pages are shared as part of the response to enable subsequent calls.	Numeric(4)

Example XML Request

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<Pending_Orders_Query>
  <order_no>XXXXXX</order_no>
  <reference_no>XXXXXXX</reference_no>
  <order_bill_name>XXXXX</order_bill_name>
  <order_email>XXXX@XXXX.com</order_email>
  <order_bill_tel>XXXXXXXX</order_bill_tel>
  <order_fraud_status>XX|XXXX|XXX</order_fraud_status>
  <order_currency>XXX|XXX|XXX|XXX</order_currency>
  <order_type>XX-XXX|XX-XXX</order_type>
  <page_number>1</page_number>
</Pending_Orders_Query>
```

Note: You will have to encrypt the above request and store in the “enc_request” parameter before sending it to CCAvenue. Kindly refer to the encryption section.

Example JSON Request

```
{
  "order_no": "XXXXXXX", "reference_no":
  "XXXXXXX", "order_bill_name": "XXXXX",
  "order_email": "XXXX@XXXX.com",
  "order_bill_tel": "XXXXXXXXXXXX",
  "order_fraud_status": "XX|XXXX|XXX",
  "order_currency": "XXX|XXX|XXX|XXX",
  "order_type": "XX|XX-XX",
  "page_number": "1"
}
```

Note: You will have to encrypt the above request and store in the “enc_request” parameter before sending it to CCAvenue. Kindly refer to the encryption section.

Example STRING Request Format:

```
reference_no | order_no | order_bill_name | order_bill_tel | order_currency | order_currency
| order_currency | order_email | order_fraud_status | order_fraud_status
| order_fraud_status | order_type | order_type | order_type | page_number |
```

Example: XXXXXXX | XXXXXXX | XXXXX | XXXXXXX | XXX|XXX|XXX|XXX | XXXX@XXXX.com | XX|XXXX|XXX | XX-XXX|XX-XXX|1 |

Note: You will have to encrypt the above request and store in the “enc_request” parameter before sending it to CCAvenue. Kindly refer to the encryption section.

Response Parameters

Name	Description	Note
status	This states whether the call was successful or not. If value of this parameter is "1" then you need not decrypt the enc_response as it will contain plain error message.	Value "0" denotes that the API call was successful. Value "1" denotes API call failure. On enc_response is plain text represents the error message.
enc_response	AES encrypted response containing format as per <i>response_type</i>	
order_amt	Amount for the transaction.	Decimal(12,2).
order_bill_address	Order billing address details for the order.	Possible value for address is Alphanumeric with special characters (space, hyphen, comma, ampersand(&), hash(#), circular brackets and dot)(315)
order_bill_city	Order billing City name for the order.	Possible value for city is Alphanumeric with special characters (space, comma, hyphen and dot)(30).
order_bill_country	Order billing country for the Order.	Possible value for country is Alphanumeric with special characters (space)(30).
order_bill_email	Email Address of the Order for notifications.	Possible value for email id is Alphanumeric with special characters (hyphen, underscore, dot, @)(70).
order_bill_name	Order billing name for the order.	Possible value for name is Alphanumeric with special characters (space, hyphen, apostrophe, underscore, dot)(60).
order_bill_state	Order billing state for the order.	Alphanumeric with special characters (hyphen, dot and space)(30).
order_bill_tel	Order billing telephone no for the order.	Numeric(10)

order_bill_zip	Orderbillingaddress'pincodefortheorder.	Possible value for zip is AlphaNumeric with special characters(hyphen and space) (15).
order_capt_amt	Captured amount for the transaction. Capturedamountcanbefullorpartialofthe transaction amount.	Decimal(12,2).
order_curr	Possibleorder Currencyinwhichmerchant processed thetransaction.	String Examples : INR – Indian Rupee USD – United StatesDollar SGD – Singapore Dollar GBP – PoundSterling EUR – Euro,officialcurrencyof Eurozone
order_date_time	Order Generated Date &Time.	DateTime in IST(yyyy-MM-dd HH:mm:ss.SSS) format.
order_device_type	This is the type of device using which the transaction was processed.	Possiblevalue fordevicetypeis IVRS/MOB/PC .
days_left	Number of days left to pay order amount.	Numeric(3)
order_discount	This is Discount Value for the Order No.	Decimal(12,2).
order_fee_flat	Flat Fee for the Order No.	Decimal(12,2).
order_fee_perc	Provides the percentage fee for the same order No.	Decimal(12,2).
order_fee_perc_value	This attribute provides the percentage fee Value for the same order No.	Decimal(12,2).

order_fraud_status	Specify whether orders are valid or not.	String Possible Values are: 1) Value " High " denotes "High Risk" 2) Value " Low " denotes "Low Risk" 3) Value " NR " denotes "No Risk" 4) Value " GA " denotes "Go Ahead" 5) Value " NA " denotes "Not Applicable"
order_gross_amt	Total transaction amount.	Decimal(12,2).
order_ip	Customer IP Address (i.e. from where transaction is being initiated)	IP V-4 Supported.
order_no	Order No for the transaction.	AlphaNumeric with special characters(hyphen and underscore)(30).
order_notes	Order information you wish to provide.	AlphaNumeric with special characters(space, comma, dot, hyphen and underscore)(60).
days_left	Number of days left to pay order amount.	Numeric (4).
order_bank_mid	Unique merchant id provided by issuer bank to merchant for the transaction.	Numeric(16).
order_bank_ref_no	Unique reference number shared by Bank after successful transaction.	Numeric(25).
order_bank_response	Description about the transactions shared by the bank after transaction.	String
order_gtw_id	Unique payment option Bank name.	Alphabet(6)
order_card_name	Specify the card name for the transaction.	Possible value for card name is VISA ," MASTERCARD "," AMEX "," JCB "," ECRD "," DINERS CLUB "," DSNV "," CTBL "," CVMS ".

order_option_type	Specify the payment option type for the order.	String Possible value for payment option type is OPTCASHC -Cash card OPTCRDC -Credit Card OPTDBCRD -Debit Card OPTEMI -EMI OPTIVRS -IVRS OPTMOBP -Mobile Payments OPTNBK -Net Banking
order_card_type	Specify the card type used to pay order amount.	String Possible value for card type is Cash card Credit Card Debit Card Card EMI IVRS Mobile Payments Net Banking
order_risk_mitigation	Specify whether the current order on risk mitigation or not.	String(1) Possible value is "Y" or "N".
order_tax	Tax Amount for the Transaction.	Decimal (13,4)

order_tran_status	Transaction status for the order coming from bank's end.	String Possible value is TS-AUTA - Authorization Awaited TS-AUTC - Authorization confirm TS-AUTCR - Authorization confirmed on reconciliation TS-AUTD - Authorization Declined TS-AUTDR - Authorization Declined on reconciliation TS-AUTFR - Authorization Fraud TS-AUTFRR -AuthorizationFraud on reconciliation TS-AUTFRAM - Amt mismatch TS-AUTFRCM - Currency mismatch TS-AUTFRUT - Authorization fraud TS-ABRTBNK - Aborted at bank's end.
order_type	Type of the order.	String Different types of Orders: 1) OT-INV denotes “Invoice” 2) OT-ORD denotes “Orders” 3) OT-ORDS Cdenotes “Shopping Cart Orders” 4) OT-PPAY denotes “Phone Pay” 5) OT-SNIP denotes “SNIP orders”
order_ship_address	Shipping Address for the order.	Possible value for address is Alphanumeric with special characters (space, hyphen, comma, ampersand(&), hash(#), circularbracketsanddot)(315)
order_ship_city	Shipping city name for the orders.	Possible value for city is Alphanumeric with special characters (space, comma, hyphen and dot)(30).

order_ship_country	Shipping country name for the orders.	Possible value for country is Alphanumeric with special characters (space)(30).
order_ship_email	Shipping email IDfor the notifications of the transaction.	Possible value for email id is Alphanumeric with special characters (hyphen, underscore, dot, @)(70).
order_ship_name	ShippingName ofthe Customer for the order.	Possiblevaluefornameis Alphanumeric with special characters (space, hyphen, apostrophe, underscore, dot)(60).
order_ship_state	Shipping state for the order.	Alphanumeric with special characters (hyphen, dot and space)(30).
order_ship_tel	Telephone no for notifications of the transaction.	Numeric(10).
order_ship_zip	Order shipping address' pin code for the order.	Possible value for zip is AlphaNumeric with special characters(hyphen and space) (15).

order_status	Status of the order. It can be single or multiple.	String Possible values are: Aborted (transaction is cancelled by the User) Auto-Cancelled (transaction has not confirmed within 12 days hence auto cancelled by system) Auto-Reversed (two identical transactions for same order number, both were successful at bank's end but we got response for only one of them, then next day during reconciliation we mark one of the transaction as auto reversed) Awaited (transaction is processed from billing shipping page but no response is received) Cancelled (transaction is cancelled by merchant) Chargeback() Invalid (Transaction sent to CCAvenue with Invalid parameters, hence could not be processed further) Fraud (we update this during recon, the amount is different at bank's end and at CCAvenue due to tampering) Initiated (transaction just arrived on billing shipping page and not processed further) Refunded (Transaction is refunded.) Shipped (transaction is confirmed)
		Successful System refund (Refunded by CCAvenue for various findings of reversals by CCAvenue) Unsuccessful (transaction is not successful due to)
order_status_date_time	This is the latest date and time when order status is modified.	DateTime in IST(yyyy-MM-dd HH:mm:ss.SSS) format.

order_TDS	Amount of TDS (tax deducted at source) for the Transaction.	Decimal(13,4).
reference_no	Unique CCAvenue reference no allocated to the transaction.	Numeric(25).
error_desc	Reason if search criteria did not find the orders for the transactions.	String Please refer below table for failure message.
error_code	Error code for Failure reason.	String Please refer below table for failure message.
page_count	Total pages available based on <i>no_of_records</i> in the request	Example: no_of_records sent in request was 100
total_records	Total no. of orders matching the lookup criteria	total_records matching the lookup criteria were 1000 page_count will be 10 (total_records / no_of_records) rounded to the ceiling

Example XML Response

Success Response:

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<Pending_Orders_Result error_code="">
  <error_desc></error_desc>
  <page_count>1</page_count>
  <pending_Orders_List>
    <pending_Orders
      days_left="3"
      order_TDS="0.0"
      order_amt="1.0"
      order_bank_mid="1234567890" order_bank_ref_no="289049"
      order_bank_response="Approved"
      order_bill_address="Room no1101,nearRailwaystationAmbad"
      order_bill_city="Indore"
      order_bill_country="India"
      order_bill_email="xxxxxx.xxxx@xxxxxx.xxxx"
      order_bill_name="Shashi"
      order_bill_state="MP"
      order_bill_tel="1234567890"
      order_bill_zip="425001"
      order_capt_amt="0.0"
```

```

order_card_name="Amex"
order_card_type="Credit Card"
order_curr="INR" order_date_time="2015-
04-13 10:59:05.517" order_discount="0.0"
order_fee_flat="0.0"
order_fee_perc="4.0"
order_fee_perc_value="0.04"
order_fraud_status="NA"
order_gross_amt="1.0"
order_gtw_id="PGT"
order_ip="192.168.2.182"
order_no="66885810"
order_notes="order will beshipped"
order_risk_mitigation="Y"
order_ship_address="room no.701nearbusstand"
order_ship_city="Hyderabad"
order_ship_country="India"
order_ship_name="Chaplin"
order_ship_state="Andhra"
order_ship_tel="1234567890"
order_ship_zip="425001"
order_status="Successful"
order_status_date_time="2015-04-13 10:59:53.217"
order_tax="0.0049"
order_tran_status="TS-AUTC"
order_type="OT-ORD"
reference_no="204000136232"/>
</pending_Orders_List>
<total_records>1</total_records>
</Pending_Orders_Result>

```

Failure Response:

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<Pending_Orders_Result error_code="51313">
  <error_desc>Order List: Invalid Parameter</error_desc>
  <page_count>1</page_count>
  <total_records>1</total_records>
</Pending_Orders_Result>

```

Note: You will have to decrypt the above response from “enc_response” parameter. Kindly refer to the decryption section.

Example JSON Response

Success Response:

```
{
  "pending_Orders": [{
    "reference_no": "204000136232",
    "order_no": "66885810",
    "order_type": "OT-ORD",
    "order_curr": "INR",
    "order_amt": 1.0,
    "order_date_time": "2015-04-13 10:59:05.517",
    "order_bill_name": "Shashi",
    "order_bill_address": "Room no 1101, near Railwaystation Ambad",
    "order_bill_zip": "425001",
    "order_bill_city": "Indore",
    "order_bill_state": "MP",
    "order_bill_tel": "12345687890",
    "order_bill_email": "xxxxxxx@xxxxx.xxxx",
    "order_bill_country": "India",
    "order_ship_name": "Chaplin",
    "order_ship_address": "room no.701nearbusstand",
    "order_ship_country": "India",
    "order_ship_tel": "1234567890",
    "order_ship_city": "Hyderabad",
    "order_ship_state": "Andhra",
    "order_ship_zip": "425001",
    "order_notes": "order will be shipped",
    "order_ip": "192.168.2.182",
    "order_status": "Successful",
    "order_fraud_status": "NA",
    "order_status_date_time": "2015-04-13 10:59:53.217",
    "order_capt_amt": 0.0,
    "order_card_type": "Credit Card",
    "order_card_name": "Amex",
    "order_bank_mid": "xxxxxxxxx",
    "order_fee_perc": 4.0,
    "order_fee_perc_value": 0.04,
    "order_fee_flat": 0.0,
    "order_gross_amt": 1.0,
    "order_discount": 0.0,
    "order_tax": 0.0049,
    "order_bank_ref_no": "xxxxxxxxx",
    "order_gtw_id": "PGT",
    "order_bank_response": "Approved",
    "order_risk_mitigation": "Y",
    "days_left": "3",
    "order_tran_status": "TS-AUTC",
    "order_TDS": 0.0,
```



```

    }},
    "page_count":1,
    "total_records":1,
    "error_desc": "",
    "error_code": ""
}

```

Failure Response:

```

{
    "page_count":1,
    "total_records":1,
    "error_desc":"Order List: Invalid Parameter",
    "error_code":"51313"
}

```

Note: You will have to decrypt the above response from “enc_response” parameter. Kindly refer to the decryption section.

Example STRING Response

Success Response: Format:

page_count | total_records | reference_no | order_no | order_status | order_trans_status | order_type | order_capt_amt | order_discount | order_fee_flat | order_fee_perc | order_fee_perc_value | order_gross_amt | order_tax | days_left | order_bank_mid | order_bank_ref_no | order_bank_response | order_bill_name | order_bill_email | order_bill_address | order_bill_city | order_bill_state | order_bill_country | order_bill_tel | order_bill_zip | order_card_name | order_card_type | order_curr | order_date_time | order_delivery_details | order_fraud_status | order_gtw_id | order_ip | order_misc_id | order_notes | order_risk_mitigation | order_ship_name | order_ship_email | order_ship_address | order_ship_city | order_ship_state | order_ship_country | order_ship_tel | order_ship_zip | order_status_date_time^ |

Example:

1 | 1 | 204000136232 | 66885810 | Successful | TS-AUTC | OT-ORD | 0.0 | 0.0 | 0.0 | 4.0 | 0.04 | 1.0 | 0.0049 | 3 | 1234567890 | 289049 | Approved | Shashi | xxxxxx.xx@xxxxxx.xxxx | Room no 1101, near Railway station
Ambad | Indore | MP | India | 1234567890 | 425001 | Amex | Credit Card | INR | 2015-04-13 10:59:05.517 | | NA | PGT | 192.168.2.182 | | order will be shipped | Y | Chaplin | | room no.701 near bus stand | Hyderabad | Andhra | India | 1236547892 | 425001 | 2015-04-13 10:59:53.217 |

Failure Response:

Format: page_no | total_no_of_records | error_code | error_desc |

Example: 0 | 0 | 51313 | Order List: Invalid Parameter |

Note: You will have to decrypt the above response from “enc_response” parameter. Kindly refer to the decryption section.

7. Delete Customer

The Delete Customer API call is used to delete the customer and all saved payment options for the customer.

Request Parameters

Name	Description	Note
enc_request (required)	AES encrypted request data	
access_code (required)	Unique CCAvenue access code which is generated when merchant registered their IP address. You must send this with each request.	
request_type (required)	API requests are accepted in XML, JSON or String. Specify the request type.	Possible value for request_type is "XML" or "JSON" or "STRING".
response_type (optional)	API returns responses in XML, JSON or String format. If left blank, the response will be in the same format as request.	Possible value for response_type is "XML" or "JSON" or "STRING".
Command (required)	Command value specifies the API calls. You must send this with each request.	Possible value for this API call is "deleteCustomer".
customer_id (required)	Unique Customer ID provided by merchant to the customer.	Alphanumeric with special characters (hyphen, underscore, dot, @)(70)

Example XML Request

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<Delete_Customer_Query customer_id="123"/>
```

Note: You will have to encrypt the above request and store in the "enc_request" parameter before sending it to CCAvenue. Kindly refer to the encryption section.

Example JSON Request

```
{
  "customer_id": "1234"
}
```

Note: You will have to encrypt the above request and store in the “enc_request” parameter before sending it to CCAvenue. Kindly refer to the encryption section.

Example STRING Request

Format:customer_id |

Example: 1234|

Note: You will have to encrypt the above request and store in the “enc_request” parameter before sending it to CCAvenue. Kindly refer to the encryption section.

Response Parameters

Name	Description	Note
status	This states whether the call was successful or not. If value of this parameter is “1” then you need not decrypt the enc_response as it will contain plain error message.	Value “0” denotes that the API call was successful. Value “1” denotes API call failure. On enc_response is plain text represents the error message.
enc_response	AES encrypted response containing format as per <i>response_type</i>	
deletion_status	Delete status - specify whether customer is going to be deleted successfully or not.	Numeric(1) Possible values for this is 0- Deletion successful. 1 - Could not be deleted.
customer_id	Unique Customer ID for the deleted customer.	Numeric(25).
error_desc	Reason if customer is not going to be deleted successfully.	String Please refer below table for failure message.
error_code	Error code for Failure reason.	String Please refer below table for failure message.

Example XML Response

Success:

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<Delete_Customer_Result deletion_status="0" error_code="" error_desc="">
  <customer_id>1234</customer_id>
</Delete_Customer_Result>
```

Failure:

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<Delete_Customer_Result error_desc="Customer id: Invalid parameter"deletion_status="1" error_code="51325">

<customer_id>1234</customer_id>
</Delete_Customer_Result>
```

Note: You will have to decrypt the above response from “enc_response” parameter. Kindly refer to the decryption section.

Example JSON Response**Success:**

```
{
  "deletion_status":0,
  "error_desc": "",
  "error_code": "",
  "customer_id": "1234"
}
```

Failure:

```
{
  "error_desc": "Customer id: Invalid parameter",
  "deletion_status":1,
  "customer_id": "1234",
  "error_code": "51325"
}
```

Note: You will have to decrypt the above response from “enc_response” parameter. Kindly refer to the decryption section.

Example STRING Response Success:

Format:deletion_status | customer_id |

Example: 0 | 123 |

Failure:

Format: deletion_status | error_code | error_desc | customer_id |

Example: 1 | 51325 | Customer id: Invalid parameter | 123 |

Note: You will have to decrypt the above response from “enc_response” parameter. Kindly refer to the decryption section.

8. Delete Customer Payment Option

The Delete Customer Payment Option API call is used to delete a particular payment option saved for the customer.

Request Parameters

Name	Description	Note
enc_request (required)	AES encrypted request data	
access_code (required)	Unique CCAvenue access code which is generated when merchant registered their IP address. You must send this with each request.	
request_type (required)	API requests are accepted in XML, JSON or String. Specify the request type.	Possible value for request_type is "XML" or "JSON" or "STRING".
response_type (optional)	API returns responses in XML, JSON or String format. If left blank, the response will be in the same format as request.	Possible value for response_type is "XML" or "JSON" or "STRING".
Command (required)	Command value specifies the API calls. You must send this with each request.	Possible value for this API call is "deleteCustomerPaymentOption".
customer_id (required)	Unique Customer ID for the transaction.	Numeric(25).
customer_card_id (required)	Unique Customer card ID against the payment option for the transaction.	Numeric (25).

Example XML Request

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
  <Delete_Customer_Payment_Query
    customer_id="123" customer_card_id="22"/>
```

Note: You will have to encrypt the above request and store in the "enc_request" parameter before sending it to CCAvenue. Kindly refer to the encryption section.

Example JSON Request

```
{
  "customer_id": "1234",
  "customer_card_id": "14"
}
```

Note: You will have to encrypt the above request and store in the “enc_request” parameter before sending it to CCAvenue. Kindly refer to the encryption section.

Example STRING Request

Format: customer_card_id | customer_id |

Example: 14 | 1234 |

Note: You will have to encrypt the above request and store in the “enc_request” parameter before sending it to CCAvenue. Kindly refer to the encryption section.

Response Parameters

Name	Description	Note
status	This states whether the call was successful or not. If value of this parameter is “1” then you need not decrypt the enc_response as it will contain plain error message.	Value “0” denotes that the API call was successful. Value “1” denotes API call failure. On enc_response is plain text representing the error message.
enc_response	AES encrypted response containing format as per <i>response_type</i>	
customer_id	Unique Customer ID for the transaction.	Numeric(25).
customer_card_id	Unique Customer card ID against the payment option for the transaction.	Numeric (25).
deletion_status	Delete Status value specifies whether customer payment option is going to delete successfully or not.	Possible values for this is 0- Deletion successful. 1 - Could not be deleted.
error_desc	Reason if customer payment option is not going to delete successfully.	String Please refer below table for failure message.
error_code	Error code for Failure reason.	String Please refer below table for failure message.

Example XML Response

Success:

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<Delete_Customer_Payment_Option_Result
    deletion_status="0"
    customer_id="24"
    customer_card_id="1234" error_code="" error_desc=""/>
```

Failure:

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<Delete_Customer_Payment_Option_Result
    customer_card_id="22" customer_id="123"
    error_desc="CustomerId:InvalidParameter"
    error_code="51336"
    deletion_status="1"/>
```

Note: You will have to decrypt the above response from “enc_response” parameter. Kindly refer to the decryption section.

Example JSON Response

Success:

```
{
  "customer_card_id":22,
  "deletion_status":0,
  "customer_id":123,
  "error_desc": "",
  "error_code":""
}
```

Failure:

```
{
  "customer_card_id":22,
  "deletion_status":1,
  "customer_id":123,
  "error_desc":"Customer CardId:InvalidParameter",
  "error_code":"51336"
}
```

Note: You will have to decrypt the above response from “enc_response” parameter. Kindly refer to the decryption section.

Example String Response Success:

Format: deletion_status | customer_card_id | customer_id |

Example: 0 | 1234 | 24 |

Failure:**Format:** deletion_status | error_code | error_desc | customer_card_id | customer_id |**Example:** 1 | 51327 | Customer id: Invalid Parameter | 22 | 123 |

Note: You will have to decrypt the above response from “enc_response” parameter. Kindly refer to the decryption section.

9. Add Customer Payment Option

The Add Customer Payment Option API call is used to add another payment option for the customer of the merchant.

Request Parameters

Name	Description	Note
enc_request (required)	AES encrypted request data	
access_code (required)	UniqueCCAvenueaccesscode which is generated when merchant registered their IP address. You must send this with each request.	
request_type (required)	API requests are accepted in XML, JSON or String. Specify the request type.	Possible value for request_type is “XML” or “JSON” or “STRING”.
response_type (optional)	API returns responses in XML, JSON or String format. If left blank, the response will be in the same format as request.	Possible value for response_type is “XML” or “JSON” or “STRING”.
Command (required)	Command value specifies the API calls. You must send this with each request.	Possible value for this API call is “addCustomerPaymentOption”.
customer_id (required)	Unique Customer ID for the transaction.	Numeric(25).
customer_name_on_card (optional)	Customer name on card.	Alphanumeric with special characters (space, underscore)(30).
customer_phone_no (optional)	Customer mobile number.	Numeric(10).

customer_email (optional)	Customer email id.	Alphanumeric with special characters (hyphen, underscore, dot,@)(70).
customer_card_issuer_bank (optional)	Customercardissuerbank name.	Alphanumeric with special characters (space, underscore)(70).
customer_card_expiry (required)	Customer Card expiry date.	Date format in MM/yyyy .
customer_card_no (required)	Customer Card number.	Numeric(25)
customer_card_name (required)	Customer Card name.	String VISA MASTERCARD AMEX JCB ECRD DINERS CLUB DSNV CTBL CVMS AMEX EZE CLICK
customer_card_type (required)	Customer card type to payment option for the transaction.	String. CRDC -creditcard DBRD -debit card

Example XML Request

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
  <Add_Customer_Payment_Option_Query>
    <customer_id>14</customer_id>
    <customer_email>test@test.com</customer_email>
    <customer_phone_no>8698319931</customer_phone_no>
    <customer_name_on_card>subash yadav</customer_name_on_card>
    <customer_card_name>mastercard</customer_card_name>
    <customer_card_no>421578965236545</customer_card_no>
    <customer_card_expiry>11/2015</customer_card_expiry>
    <customer_card_issuer_bank>HDFC</customer_card_issuer_bank>
    <customer_card_type>CRDC</customer_card_type>
  </Add_Customer_Payment_Option_Query>
```

Note: You will have to encrypt the above request and store in the “enc_request” parameter before sending it to CCAvenue. Kindly refer to the encryption section.

Example JSON Request

```
{
  "customer_id":14, "customer_email":"subash.yadav@avenues.info",
  "customer_phone_no":8698319931,
  "customer_name_on_card":"subash yadav",
  "customer_card_no":421578965236545,
  "customer_card_name":"mastercard",

  "customer_card_expiry":"11/2015",
  "customer_card_issuer_bank":"Kotak mahindra",
  "customer_card_type":"CRDC"
}
```

Note: You will have to encrypt the above request and store in the “enc_request” parameter before sending it to CCAvenue. Kindly refer to the encryption section.

Example STRING Request Format:

customer_id|customer_email|customer_phone_no|customer_name_on_card|customer_card_no|customer_card_name|customer_card_expiry|customer_issuer_bank|customer_card_type|

Example: 14|test@test.com | 8698319931 | subash yadav | 421578965236545 | mastercard | 11/2015 | Kotak mahindra|CRDC|

Note: You will have to encrypt the above request and store in the “enc_request” parameter before sending it to CCAvenue. Kindly refer to the encryption section.

Response Parameters

Name	Description	Note
status	This states whether the call was successful or not. If value of this parameter is “1” then you need not decrypt the enc_response as it will contain plain error message.	Value “0” denotes that the API call was successful. Value “1” denotes API call failure. On enc_response is plain text representing the error message.
enc_response	AES encrypted response containing format as per <i>response_type</i>	
customer_id	Unique Customer ID for the transaction.	Numeric(25).
customer_card_id	Unique Customer card ID against the payment option for the transaction.	Numeric (25).
Status	Delete Status value specifies whether customer payment option is going to be deleted successfully or not.	Possible values for this is 0 - Deletion successful. 1 - Could not be deleted.

customer_card_no_last 4digits	Last four digit of card no for the transaction.	Numeric(4) Will contain values only for Credit Card and Debit card.
customer_pay_opt_type	Customer payment option for given details.	String OPTCRD -credit card OPTDBCRD -debit card
customer_card_expyr	Customer card expiry date.	Date format in MM/yyyy .
customer_card_issuer_bank	Customer Card issuer bank.	Alphanumeric with special characters (space, underscore)(70).
customer_card_name	Customer Card name.	String VISA MASTERCARD AMEX JCB ECRD DINERS CLUB DSNV CTBL CVMS AMEX EZE CLICK
error_desc	Reason if customer payment option is not going to be deleted successfully.	String. Please refer below table for failure message.
error_code	Error code for Failure reason.	String. Please refer below table for failure message.

Example XML Response

Success:

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<Add_Customer_Payment_Option_Result>
  <customer_card_expyr>11/2015</customer_card_expyr>
  <customer_card_id>240</customer_card_id>
```

```
<customer_card_issuer_bank>HDFC</customer_card_issuer_bank>
<customer_card_name>Visa</customer_card_name>
<customer_card_no_last4digits>2346</customer_card_no_last4digits>
<customer_id>14</customer_id>
<customer_pay_opt_type>OPTCRDC</customer_pay_opt_type>
<error_code></error_code>
<error_desc></error_desc>
<status>0</status>
</Add_Customer_Payment_Option_Result>
```

Failure:

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<Add_Customer_Payment_Option_Result>
  <customer_card_expiry>11/2015</customer_card_expiry>
  <customer_card_id></customer_card_id>
  <customer_card_issuer_bank>HDFC</customer_card_issuer_bank>

  <customer_card_name>Visa</customer_card_name>
  <customer_card_no_last4digits>2346</customer_card_no_last4digits>
  <customer_id>14</customer_id>
  <customer_pay_opt_type></customer_pay_opt_type>
  <error_code>51336</error_code>
  <error_desc>Customer Card Id: Invalid Parameter</error_desc>
  <status>1</status>
</Add_Customer_Payment_Option_Result>
```

Note: You will have to decrypt the above response from “enc_response” parameter. Kindly refer to the decryption section.

Example JSON Response

Success:

```
{
  "customer_id": "14",
  "customer_card_id": "36",
  "customer_card_no_last4digits": "6545",
  "customer_card_expiry": "11/2015",
  "customer_pay_opt_type": "OPTCRDC",
  "customer_name_on_card": "subash yadav",
  "customer_card_name": "Visa",
  "customer_card_issuer_bank": "HDFC",
  "error_desc": "",
  "error_code": "", "status": 0
}
```

Failure:

```
{
  "customer_id":"14",
  "customer_card_id":"",
  "customer_card_no_last4digits":"2346",
  "customer_card_expiry":"11/2015",
  "customer_pay_opt_type":"",
  "customer_name_on_card":"subash yadav",
  "customer_card_name":"Visa",
  "customer_card_issuer_bank":"HDFC",
  "error_desc":"Customer CardId:InvalidParameter",
  "error_code":"51337",
  "status":1
}
```

Note: You will have to decrypt the above response from “enc_response” parameter. Kindly refer to the decryption section.

Example String Response Format:

Status|customer_id|customer_card_id | customer_card_no_last4digits|customer_card_expiry|customer_pay_opt_type|customer_card_name|customer_card_issuer_bank|error_code|error_desc|

Failure:

Example:1 | 14 | | test user|1111 | 11/2015 | OPTCRDC|Visa|HDFC|51337 | Customer Id:Invalid parameters|

Success:

Example:0 | 14 | 415 | test user|1111 | 11/2015 | OPTCRDC|Visa|HDFC| | |

Note: You will have to decrypt the above response from “enc_response” parameter. Kindly refer to the decryption section.

10. Get Customer Payment Options

The Customer payment option API call is used to list payment options saved for a customer. Payment options are saved for a customer in vault for easy and convenient payment.

Request Parameters

Name	Description	Note
enc_request (required)	AES encrypted request data.	
access_code (required)	Unique CCAvenue access code which is generated when merchant registered their IP address. You must send this with each request.	

request_type (required)	API requests are accepted in XML,,JSON or String. Please specify the request type.	Possible value for request_type is “XML” or “JSON” or “STRING”.
response_type (optional)	API returns responses in XML, JSON or String format. If left blank, the response will be in the same format as request.	Possible value for response_type is “XML” or “JSON” or “STRING”.
Command (required)	Command value specifies the API calls. You must send this with each request.	Possible value for this API call is “getCustomerPaymentOptions”
customer_id (required)	Unique Customer ID for the transaction.	Numeric(25).

Example XML Request

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
  <Customer_Payment_Options
    customer_id="123"/>
```

Note: You will have to encrypt the above request and store in the “enc_request” parameter before sending it to CCAvenue. Kindly refer to the encryption section.

Example JSON Request

```
{
  "customer_id": "1234"
}
```

Note: You will have to encrypt the above request and store in the “enc_request” parameter before sending it to CCAvenue. Kindly refer to the encryption section.

Example String Request

Format: customer_id|

Example: 6|

Note: You will have to encrypt the above request and store in the “enc_request” parameter before sending it to CCAvenue. Kindly refer to the encryption section

Response Parameters

Name	Description	Note
status	This states whether the call was successful or not. If value of this parameter is "1" then you need not decrypt the enc_response as it will contain plain error message.	Value "0" denotes that the API call was successful. Value "1" denotes API call failure. On enc_response is plain text represents the error message.
enc_response	AES encrypted response containing format as per <i>response_type</i> .	
customer_id	Unique Customer ID for the transaction.	Numeric(25).
customer_card_no	Last four digit of card no for the transaction.	Numeric(4) Will contain values only for Credit Card and Debit Card.
customer_payopt_type	Number of Payment options assign against to this customer id.	String. Values : OPTNBK -net banking OPTCRD -credit card OPTDBCRD -debit card OPTMOBP -mobile payment OPTIVRS - IVRS OPTWLT - Wallet OPTCASHC -Cash Card OPTEMI - EMI
customer_card_name	Customer card name for the transaction.	Alphanumeric with special characters (space, hyphen, apostrophe, underscore, dot)(60).
customer_email	Customer email id for the transaction.	Alphanumeric with special characters (hyphen, underscore, dot, @)(70).
customer_card_label	Customer card label name for the transaction.	Alphanumeric with special characters (space, hyphen, apostrophe, underscore, dot)(60).
customer_card_id	Unique Customer Card ID is the identifier for the payment options against the Customer ID.	Numeric(25).
customer_phone_number	Unique Customer phone number for the transaction.	Numeric(10).

customer_card_expiry	Customer card expiry month and year.	Numeric with special characters.
customer_card_issuing_bank	Customer card issuing bank name.	String.
error_desc	Reason if API call does not find the record based on given search criteria.	String. Please refer below table for failure message.
error_code	Error code for Failure reason.	String. Please refer below table for failure message.

Example XML Response

Success:

<?xml version="1.0"

encoding="UTF-8"

standalone="yes"?>

<Customer_Payment_Option_Result customer_id="1234" error_desc="" error_code="">

<pay_Opt_List>

<customer>

<customer_card_id>26</customer_card_id>

<customer_card_no>4567</customer_card_id>

<customer_card_name>Development Credit

Bank</customer_card_name>

<customer_card_type>NBK</customer_card_type>

<customer_email>xxxx@xxx.com</customer_email>

<customer_payopt_type>OPTNBK</customer_payment_type>

<customer_card_label>xxxxxxx</customer_card_label>

<customer_card_expiry>10/2020</customer_card_expiry>

<customer_card_issuing_bank>xxxxxxx</customer_card_issuing_bank>

</customer>

<customer>

<customer_card_id>27</customer_card_id>

<customer_card_no>1234</customer_card_no>

<customer_card_name>Development Credit Bank</customer_card_name>

<customer_card_type>NBK</customer_card_type>

<customer_email>xxxx@xxx.com</customer_email>

<customer_payopt_type>OPTNBK</customer_payopt_type>

<customer_card_label>xxxxxxx</customer_card_label>

<customer_card_expiry>10/2020</customer_card_expiry>

<customer_card_issuing_bank>xxxxxxx</customer_card_issuing_bank>

```
</customer>
</pay_Opt_List>
</Customer_Payment_Option_Result>
```

Failure:

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<Customer_Payment_Option_Result
    error_desc="Customer id: Invalid Parameter" customer_id="1234" error_code="51327"/> Note:
You will have to decrypt the above response from "enc_response" parameter. Kindly refer to the decryption
section.
```

Example JSON Response

Success:

```
{
  "pay_Opt_List": [{
    "customer_card_name": "Development Credit Bank",
    "customer_card_type": "NBK", "customer_card_id": 26,
    "customer_email": "xxxx@xxx.com",
    "customer_payopt_type": "OPTNBK"
    "customer_card_label": "xxxxx"
    "customer_card_no": "1234"
    "customer_card_expiry": "10/2020"
    "customer_card_issuing_bank": "xxxxxxx"
  },
  {
    "customer_card_name": "MasterCard",
    "customer_card_type": "CRDC",
    "customer_card_id": 27,
    "customer_email": "xxxx@xxx.com",
    "customer_payopt_type": "OPTCRDC",
    "customer_card_label": "xxxxx"
    "customer_card_no": "4567"
    "customer_card_expiry": "10/2020"
    "customer_card_issuing_bank": "xxxxxxx"
  }
],
  "customer_id": "1234",
  "error_desc": "",
  "error_code": ""
}
```

Failure:

```
{
  "error_desc": "Customer id: Invalid Parameter",
  "error_code": "51327",
  "customer_id": "1234"
}
```

Note: You will have to decrypt the above response from “enc_response” parameter. Kindly refer to the decryption section.

Example STRING Response**Success:**

Format: customer_card_id|customer_card_no(last four digits)|customer_card_name|customer_card_type|customer_payopt_type|customer_card_label|customer_email|customer_card_expiry|customer_card_issuing_bank^customer_card_id|customer_card_no(last four digits|customer_card_name|customer_card_type|customer_payopt_type|customer_card_label|customer_email|customer_card_expiry|customer_card_issuing_bank|

Example: 27|"1234"|MasterCard|CRDC|OPTCRDC|"xxxx"|"xxxx@xxx.com"^29|"4567"|MasterCard| CRDC| OPTCRDC|"xxxx"|"xxxx@xxx.com"|"10/2020"|"xxxx"

Failure:

Format: error_code|error_desc |

Example: 51327 | Customer id: Invalid Parameter |

Note: You will have to decrypt the above response from “enc_response” parameter. Kindly refer to the decryption section.

11. Generate Invoice

The Invoice API call is used to generate an invoice for a customer. Values can be passed as for generating invoice using the flexibility of Invoice settings.

Request Parameters

Name	Description	Note
enc_request (required)	AES encrypted request data	
access_code (required)	Unique access code which is generated when merchant registered their IP address. You must send this with each request.	
request_type (required)	API requests are accepted in XML, JSON or String. Specify the request type.	Possible value for request_type is "XML" or "JSON" or "STRING".
response_type (optional)	API returns responses in XML, JSON or String format. If left blank, the response will be in the same format as request.	Possible value for response_type is "XML" or "JSON" or "STRING".
command (required)	Command value specifies the API calls. You must send this with each request.	Possible value for this API call is "generateInvoice".
customer_name (required)	Name of the customer receiving the Invoice.	Alphanumeric with special characters (space, hyphen, apostrophe, underscore, dot)(60).
customer_email_id (required)	Email ID on which the Invoice will be sent	Alphanumeric with special characters (hyphen, underscore, dot, @)(70).
customer_email_subject (required)	Subject of the email containing the Invoice	Alphanumeric with special characters (hyphens, dot, space and underscores)(100).
valid_for (required)	Duration for which the Invoice is valid	Numeric(4).
valid_type (required)	The unit of duration represented by valid_for	Possible values for valid type is minutes/hours/days

Currency (required)	Currency for which the Invoice is to be generated	String Example: INR – Indian Rupee USD – United States Dollar SGD – Singapore Dollar GBP – Pound Sterling EUR – Euro, official currency of Eurozone
merchant_reference_no (optional)	Merchant identifier for the Invoice	Alphanumeric with special characters (hyphen and underscore)(25).
merchant_reference_no1 (optional)	Merchant identifier for the Invoice	Alphanumeric with special characters (hyphen and underscore and hash)(100).

merchant_reference_no2 (Optional)	Merchant identifier for the Invoice (Will not be visible in invoice just for reference)	Alphanumeric with special characters(hyphenandunderscore and hash)(100).
merchant_reference_no3 (Optional)	Merchant identifier for the Invoice (Will not be visible in invoice just for reference)	Alphanumeric with special characters(hyphenandunderscore and hash)(100).
merchant_reference_no4 (Optional)	Merchant identifier for the Invoice (Will not be visible in invoice just for reference)	Alphanumeric with special characters(hyphenandunderscore and hash)(100).
sub_acc_id (optional)	Unique Sub Account ID.	String
Amount (required)	Invoice Amount	Decimal(12,2).
terms_and_conditions (optional)	Terms and conditions to be present in the Invoice	AlphaNumeric with special characters(hyphen, dot, circular brackets and ampersand)(500)
customer_mobile_no (required)	Mobile number of the customer receiving the Invoice	Numeric(10).
due_date (required)	Invoice Due date	Numeric(3)
late_payment_fees (conditional)	Fee to be charged in case of late payment. Late_payment_fees is required if merchant provide late_payment_fees_type.	Decimal(12,2).
late_payment_fees_type (conditional)	Unit representation of late_payment_fees. Late_payment_fees type is required if merchant provide late_payment_fees.	Possible value for late payment fees type is Perc/Flat .
discount_if_paid_within_due_date (conditional)	Number of days prior to due date when an additional discount is eligible. Discount_if_paid_within_due_date is required if merchant provide discount value or discount type.	Numeric(3) Ex: due_date is 15 th Jan 2014 discount_if_paid_within_due_date is 4 i.e. Discount is applicable up to 11 th Jan 2014.
discount_value (conditional)	Discount to be applied if the above condition is true. Discount value is required if merchant provide discount type.	Decimal(12,2).

discount_type (conditional)	Unit representation of discount_value. Discount type is required if merchant provide discountvalue.	Possiblevalueforlatepayment fees type is Perc/Flat .
item_List (conditional)	Items associated with the Invoice. Provideatleastonelitemifmerchant does not provide any task.	Itemtypearray.Referto <u>Item_list</u> section for structure.

task_List (conditional)	Tasks associated with the Invoice Provide atleast one Taskifmerchant does notprovide any Item.	Task typearray. Refer to Task list section for structure.
-----------------------------------	--	--

Item_List:

Name	Description	Note
name	Item Name	Alphanumericwithspecialcharacters (space, underscore, hyphen)(30).
description	Item description	Alphanumericwithspecialcharacters (hyphen, dot, circular brackets, space, comma,underscore,hash(#) and symbol &)(60)
unit_cost	Cost per Item	Decimal (12,2) .
quantity	Quantity of item	Numeric(3).
tax_List	Tax associated with the Item	Tax type array. Refer to Tax list section for structure.

Task_List:

Name	Description	Note
name	Task Name	Alphanumericwithspecialcharacters (space, underscore and hyphen)(30).
notes	Notes for the task	Alphanumericwithspecialcharacters (hyphen, dot, circular brackets, space, comma,underscore,hash(#) and symbol &)(60)
rate	Rate per hour	Decimal (12,2) .
hours	Number of hours to be charged	Numeric(3).
tax_List	Tax associated with the task.	Tax type array. Refer to Tax list section for structure.

Tax_List:

Name	Description	Note
name	Tax list name	Alphanumeric with special characters (space, underscore and hyphen)(30).
amount	Amount of tax applicable	Decimal (13,4).

Note: Generate invoice without advance setting

XML Request:

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<Generate_Invoice_Query>
  <customer_name>abc</customer_name>
  <customer_email_id>abc@sify.com</customer_email_id>
  <customer_email_subject>Test</customer_email_subject>
  <customer_mobile_no>1234567898</customer_mobile_no>
  <currency>INR</currency>
  <valid_for>2</valid_for>
  <valid_type>days</valid_type>
  <item_List>
    <item>
      <name>ITEM</name>
      <description>FIRST</description>
      <unit_cost>1.00</unit_cost>
      <quantity>3</quantity>
      <tax_List>
        <tax name="Pint Tax" amount="2.5"/>
        <tax name="Rent Tax" amount="8.0"/>
      </tax_List>
    </item>
  </item_List>
  <task_List>
    <task>
      <name>TASK</name>
      <notes>NEW</notes>
      <rate>1.00</rate>
      <hours>2</hours>
      <tax_List>
        <tax name="Pint Tax" amount="2.5"/>
        <tax name="Rent Tax" amount="8.0"/>
      </tax_List>
    </task>
  </task_List>
  <merchant_reference_no>123456987</merchant_reference_no>
  <merchant_reference_no1>123456987</merchant_reference_no1>
  <merchant_reference_no2>123456987</merchant_reference_no2>
  <merchant_reference_no3>123456987</merchant_reference_no3>
  <merchant_reference_no4>123456987</merchant_reference_no4>
  <sub_acc_id>sub1</sub_acc_id>
```

```

        <terms_and_conditions>terms and condition</terms_and_conditions>
        <sms_content>Pls payyour LegalEntity_Namebill# Invoice_ID for Invoice_Amountonlineat
Pay_Link.</sms_content>
</Generate_Invoice_Query>

```

Note: You will have to encrypt the above request and store in the “enc_request” parameter before sending it to CCAvenue. Kindly refer to the encryption section.

Json request:

```

{
    "customer_name": "abc",
    "customer_email_id": "abc@sify.com",
    "customer_email_subject": "Test",
    "customer_mobile_no": "9874561236",
    "currency": "INR",
    "valid_for": "2",
    "valid_type": "days",
    "item_List": [{
        "name": "ITEM",
        "description": "FIRST",
        "quantity": "3",
        "unit_cost": "1.00",
        "tax_List": [
            {"name": "Edu Tax", "amount": "5.0"},
            {"name": "Pint Tax", "amount": "2.5"}
        ]
    }],
    "task_List": [{
        "name": "TASK",
        "notes": "NEW",
        "hours": "2",
        "rate": "1.00",
        "tax_List": [
            {"name": "STG Tax", "amount": "7.0"},
            {"name": "Rent Tax", "amount": "8.0"}
        ]
    }],
    "merchant_reference_no": "123456987",
    "merchant_reference_no1": "123456987",
    "merchant_reference_no2": "123456987",
    "merchant_reference_no3": "123456987",
    "merchant_reference_no4": "123456987",
    "sub_acc_id": "sub1",
    "terms_and_conditions": "terms and condition",
    "sms_content": "Pls payyourLegalEntity_Namebill#Invoice_IDfor Invoice_Currency
Invoice_Amount online at Pay_Link."
}

```

Note: You will have to encrypt the above request and store in the “enc_request” parameter before sending it to CCAvenue. Kindly refer to the encryption section.

String Request format:

Format:

Customer_Name|Currency|Valid_For|Valid_Type|Customer_Email_Id|Customer_Email_Subject|Customer_Mobile_No|Term & Condition|SMS_Content|Merchant_Reference_No
|merchant_reference_no1|merchant_reference_no2|sub_acc_id|Item_Name|Item_Quantity|Item_Description|Unit_Cost~Tax_Name|Tax_Amount|Tax_Name|Tax_Amount^
Item_Name|Item_Quantity|Item_Description|Unit_Cost~Tax_Name|Tax_Amount|Tax_Name|Tax_Amount^Task_Name|Task_Rate|Task_Hours|Task_Notes~Tax_Name|Tax_Amount|Tax_Name|Tax_Amount^Task_
Name|Task_Rate|Task_Hours|Task_Notes~Tax_Name|Tax_Amount|Tax_Name|Tax_Amount|Due_Date|Late_Payment_Fees|Late_Payment_Fees_Type|Discount_If_Paid_Within_Due_Date|Discount_Value|Discount_Type|

Example:

abcd|INR|2|days|xx.xx@xx.info|email subject|1234567890|term and condition|Pls call 022-2121212121 to
payyourLegalEntity_Namebill# Invoice_IDforInvoice_CurrencyInvoice_Amountorpayonlineat
Pay_Link.|MER123654|44785555654|4444545477878|sub1|ITEM|2|FIRST|1.00~Edu Tax|5.0|Pint
Tax|2.5|TASK|1.0|2|NEW~STG Tax|7.0|Rent Tax|8.0|||

Note: You will have to encrypt the above request and store in the “enc_request” parameter before sending it to CCAvenue. Kindly refer to the encryption section.

Note: Generate Invoice with advance setting

XML Request:

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<Generate_Invoice_Query>
  <customer_name>abc</customer_name>
  <customer_email_id>abc@sify.com</customer_email_id>
  <customer_email_subject>Test</customer_email_subject>
  <customer_mobile_no>1234567898</customer_mobile_no>
  <currency>INR</currency>
  <valid_for>2</valid_for>
  <valid_type>days</valid_type>
  <item_List>
    <item>
      <name>ITEM</name>
      <description>FIRST</description>
      <unit_cost>1.00</unit_cost>
      <quantity>3</quantity>
      <tax_List>
        <tax name="Pint Tax" amount="2.5"/>
        <tax name="Rent Tax" amount="8.0"/>
      </tax_List>
    </item>
  </item_List>
</Generate_Invoice_Query>
```

```
</item_List>
<task_List>
  <task>
    <name>TASK</name>
    <notes>NEW</notes>
    <rate>1.00</rate>
    <hours>2</hours>
    <tax_List>
      <tax    name="Pint Tax" amount="2.5"/>
      <tax    name="Rent Tax" amount="8.0"/>
    </tax_List>
  </task>
</task_List>
```

```

<merchant_reference_no>123456987</merchant_reference_no>
<merchant_reference_no1>1234f56987</merchant_reference_no1>
<merchant_reference_no2>12345s6987</merchant_reference_no2>
<sub_acc_id>sub1</sub_acc_id>
<terms_and_conditions>terms and condition</terms_and_conditions>
<due_date>1</due_date>
<late_payment_fees>2.5</late_payment_fees>
<late_payment_fees_type>Perc</late_payment_fees_type>
<discount_if_paid_within_due_date>4</discount_if_paid_within_due_date>
<discount_value>1.50</discount_value>
<discount_type>Perc</discount_type>
<sms_content>Pls pay your LegalEntity_Name bill # Invoice_ID for Invoice_Currency Invoice_Amount online
at Pay_Link.</sms_content>
</Generate_Invoice_Query>

```

Note: You will have to encrypt the above request and store in the “enc_request” parameter before sending it to CCAvenue. Kindly refer to the encryption section.

Json request string:

```

{
  "customer_name": "abc",
  "customer_email_id": "abc@sify.com",
  "customer_email_subject": "Test",
  "customer_mobile_no": "1234567890",
  "currency": "INR",
  "valid_for": "2",
  "valid_type": "days",
  "item_List": [{
    "name": "ITEM",
    "description": "FIRST",
    "quantity": "3",
    "unit_cost": "1.00",
    "tax_List": [
      {"name": "Edu Tax", "amount": "5.0"},
      {"name": "Pint Tax", "amount": "2.5"}
    ]
  }],
  "task_List": [{
    "name": "TASK",
    "notes": "NEW",
    "hours": "2",
    "rate": "1.00",
    "tax_List": [
      {"name": "STG Tax", "amount": "7.0"},
      {"name": "Rent Tax", "amount": "8.0"}
    ]
  }],
  "merchant_reference_no": "123456987",
  "merchant_reference_no1": "123456987",
  "merchant_reference_no2": "123456987",
  "sub_acc_id": "sub1",

```

```

    "terms_and_conditions": "terms and condition",
    "due_date": "3",
    "late_payment_fees": "2.5",
    "late_payment_fees_type": "Perc",
    "discount_if_paid_within_due_date": "4",
    "discount_value": "1.50",
    "discount_type": "Perc" ,
    "sms_content": "Pls payyourLegalEntity_Namebill#Invoice_IDfor Invoice_Currency
Invoice_Amount online at Pay_Link."
}

```

Note: You will have to encrypt the above request and store in the “enc_request” parameter before sending it to CCAvenue. Kindly refer to the encryption section.

String Request format:

Format:

```

Customer_Name|Currency | Valid_For | Valid_Type|Customer_Email_Id | Customer_Email_Subject|Customer
_Mobile_No | Term &
Condition | SMS_Content | Merchant_Reference_No | merchant_reference_no1 | merchant_reference_no2 | su
b_acc_id | Item_Name|Item_Quantity|Item_Description|Unit_Cost~Tax_Name|Tax_Amount|Tax_Name|Ta
x_Amount^ Item_Name|Item_Quantity|Item_Description|Unit_Cost~Tax_Name|Tax_Amount|Tax_Name|Tax_Amount
t|Task_Name|Task_Rate|Task_Hours|Task_Notes~Tax_Name|Tax_Amount|Tax_Name|Tax_Amount^Task_
Name|Task_Rate|Task_Hours|Task_Notes~Tax_Name|Tax_Amount|Tax_Name|Tax_Amount|Due_Date|La
te_Payment_Fees|Late_Payment_Fees_Type|Discount_If_Paid_Within_Due_Date|Discount_Value|Discoun t_Type|

```

Example:

```

abcd|INR|2 | days | xx.xx@xx.info | email subject | 1234567890 | term and condition | Pls call 022-2121212121 to
payyourLegalEntity_Namebill# Invoice_IDforInvoice_CurrencyInvoice_Amountorpayonlineat
Pay_Link. | MER1234654 | 44785555654 | 4444545477878 |sub1 |ITEM|2|FIRST|1.00~Edu Tax|5.0|Pint
Tax|2.5 | TASK|1.0|2|NEW~STG Tax|7.0|Rent Tax|8.0 | 1 | 2.5 |Perc |1 | 1.50 | Perc |

```

Note: You will have to encrypt the above request and store in the “enc_request” parameter before sending it to CCAvenue. Kindly refer to the encryption section.

XML Response:

1. Success

```

<?xml version='1.0' encoding='UTF-8'?>
<Generate_Invoice_Result error_code=""
error_desc=""invoice_status="0">
<invoice_id>5122841</invoice_id>
<qr_code>
iVBORw0KGgoAAAANSUHEUgAAAAH0AAAB9CAYAAACPgGwIAAAB7kIEQVR42u3cUYrDMAwFQN Qt0
TFLrET4qtedCfQkPqMThS4qyPjMsyBNAFukAX6AJdoAt0gS7QBbpAF-
gCXaALdlEu0KELdlEu0AW6QJfp6Gut7Z8nx 221_Ov_J_QYcOHfpB6F3HeTLgTyZM5fhAhw4d-
kvQu9bf9PVA4n9Bhw4d-nD0X44PHTp06NCvRP_vtQF06NChQ2_vyFUOrl4cdOjQoZfdT-

```

```
_63v106NChD0TvmISJTt0V4wUdOnTodSjp—
m7OntKNuJQoUPfMshdXbj0hovO6wTo0KFDb5oMiY0JiU5a5TIDhw4d-
qEduV03QbrKzF0TDDp06NCHIGy7BrmyTNORgw4d-
kD09H6xxG93TdP0aOjQoUNvKn92lW9d62xiKzR06NChH1qyVb6iM3HM9GYK6NChQ9eR2wLX9bbq6
0s26NChT3sw8m0dv8QLjsZ25KBDh_5xw6V8g0BICtb2aVjo0KFPQ08fp_II_-
kSFTp06NAPRe9aW7s6e68pcaFDhw79PPR0idR1ztChQ4c-
EP3Jup8oF5uf2oUOHTr0izty6S3MifUdOnTo0C9D73rKNN2F23U9AB06dOgHocu7Ah26QBfoAl2gC3SBL
tAFukAX6AJdoAt0gS7QBTp0gS7QBbpAF-jy5vwB_TaQ25UAXPwAAAAASUVORK5CYII
</qr_code>
<tiny_url>http://payit.cc/I5122841</tiny_url>
</Generate_Invoice_Result>
```

2. Failure

```
<?xml version='1.0' encoding='UTF-8'?>
<Generate_Invoice_Result error_code="51072"
error_desc="Merchantreferencenumber:InvalidParameter"
invoice_status="1">
  <invoice_id></invoice_id>
  <qr_code></qr_code>
  <tiny_url></tiny_url>
</Generate_Invoice_Result>
```

Json Response: 1.Success

```
{
  "error_desc": "",
  "invoice_id": "5122799",
  "tiny_url": "http://payit.cc/I5122799",
  "qr_code": "iVBORw0KGgoAAAANSUheEUgAAAH0AAAB9CAYAAACPgGwIAAAB-
kLEQVR42u3dUY7CMAwFwNz_0rsnQFo2frWTzpP4Q6V0liV2U1g_8roslwC6QBfoAl2gC3SBLtAFukAX6AJdoAt0
gS7QBTp0gS7QBbpAF-jydvS1VvIr57M-vf8vx-z6XtChQ4c-HL3rODsDYGFAPHI9oEOHDn0Ienr- rVoPTPhe0KFDh_5C9G-
Pv1N2QYcOHTTr0Uehd5wMdOnToOnlIx0ncyNCRgw4dOvR_d8nSpVPXGsD9dOjQoV- M_mSevFFy7DWCDh069OycXrUe-
Paz0qDTBwx06NChP1iy7cAlOl1V5zxxnQAdOnToTWVU17aonXk5cc7QoUOHfIBHLrF9KHFh04Ohau0BHtp06A
PREyXPtO5f1ZoHOnTo0A_qyFXNIV0POyTWIdChQ4d-",
  "invoice_status": 0,
  "error_code": "",
  "merchant_reference_no": "123456987"
}
```

2.Failure

```
{
  "error_desc":"Emailid:Invalid Parameter",
  "invoice_id": "",
  "tiny_url": "",
  "qr_code": "",
  "invoice_status": 1,
  "error_code": "51012",
  "merchant_reference_no": ""
}
```

String Response: 1.Success

Format:invoice_status | invoice_id | qr_code | tiny_url merchant_reference_no |

Example:

0 | 5089334 | iVBORwOKGgoAAAANSUHEUgAAAH0AAAB9CAYAAACPgGwIAAAB6UIEQVR42u3dQW7DMAwEQP
3_08kXEpr0tIs0EvRurHHgETKctdHrstyCaALdIEu0AW6QBfoAl2gC3SBLtAFukAXGlvG3To0KGPunkSmxF05KBD h35hyZYe-
9LHTMwxoEOHDv3Cjlyiu5VeHJnYhYMOHTr0jeg7S6fEurnHpaBDhw591H6xrtd-
KtmgQ4cOvWXfWQJx4tsqoEOHDv0IHbn0freqbps3UUCHDv1g9J3_wyV9I3kaFjp06J57I0GBDI2gC3SBLtAFuka
X6AJdoAt0gS7QBbpAF-gCHbpAF-
gCXaALdJmclYERMkikhZ8LAAAAEIFTkSuQmCC|http://payit.cc/I5089334 | 123456789 |

2.Failure

Format:invoice_status | error_code | error_desc | merchant_reference_no |

Example: 1 | 51323 | Tax not configured for the merchant. | 123456789 |

Note: You will have to decrypt the above response from “enc_response” parameter. Kindly refer to the decryption section.

12. Generate Recurring Invoice

Recurring invoice call is used to generate recurring invoice for a customer of a merchant.

Request Parameters

Name	Description	Note
enc_request (required)	AES encrypted request data	
access_code (required)	This is the access code for your application. You must send this with each request.	
request_type (required)	API requests are accepted in XML, JSON or String. Specify the request type.	Possible value for request_type is "XML" or "JSON" or "STRING".
response_type (optional)	API returns response in XML, JSON or String format. If left blank, the response will be in the same format as request.	Possible value for response_type is "XML" or "JSON" or "STRING".
Command (required)	Command value specifies the API calls. You must send this with each request.	Possible value for this API call is "generateRecurringInvoice"
customer_name (required)	Name of the customer receiving the Invoice	Alphanumeric with special character (space, hyphen, apostrophe, underscore, dot)(60).
customer_email_id (required)	Email ID on which the Invoice will be sent	Alphanumeric with special characters (hyphen, underscore, dot, @)(70).
customer_email_subject (required)	Subject of the email containing the Invoice	Alphanumeric with special characters (hyphens, dot, space and underscores)(100).
valid_for (required)	Duration for which the Invoice is valid	Numeric(4).
valid_type (required)	The unit of duration represented by valid_for	Possible values for valid type is minutes/hours/days/month/year

Currency (required)	Currency for which the Invoice is to be generated	String Example: INR – Indian Rupee USD – United States Dollar SGD – Singapore Dollar GBP – Pound Sterling EUR – Euro, official currency of Eurozone
merchant_reference_no (optional)	Merchant identifier for the Invoice	Alphanumeric with special characters (hyphen and underscore) (25).
Amount (required)	Invoice Amount	Decimal (12,2).
terms_and_conditions (optional)	Terms and conditions to be present in the Invoice	AlphaNumeric with special characters (hyphen, dot, circular brackets and ampersand) (500)
customer_mobile_no (required)	Mobile number of the customer receiving the Invoice	Numeric (10).
due_date (required)	Invoice Due date	Numeric (3)
late_payment_fees (conditional)	Fee to be charged in case of late payment. Late_payment_fees is required if merchant provide late_payment_fees_type.	Decimal (12,2).
late_payment_fees_type (conditional)	Unit representation of late_payment_fees. Late_payment_fees type is required if merchant provide late_payment_fees.	Possible value for late payment fees type is Perc/Flat .
discount_if_paid_within_due_date (conditional)	Number of days prior to due date when an additional discount is eligible. Discount_if_paid_within_due_date is required if merchant provide discount value or discount type.	Numeric (3) Ex: due_date is 15 th Jan 2014 discount_if_paid_within_due_date is 4 i.e. Discount is applicable upto 11 th Jan 2014.

discount_value (conditional)	Discount to be applied if the above condition is true. Discount value is required if merchant provide discount type.	Decimal(12,2).
discount_type (conditional)	Unit representation of discount_value. Discount type is required if merchant provide discount value.	Possible value for late payment fees type is Perc/Flat .
Occurrences (conditional)	Number of occurrences for Invoice Occurrences is required if merchant provide Frequency.	Numeric(3).
Frequency (conditional)	Frequency for generating the occurrences Frequency is required if merchant provide Start_date.	Possible values for frequency are Daily/Monthly/Quarterly/ Yearly .
start_date (conditional)	Start date specifies 1 st occurrence. Start_date is required if merchant provide Occurrences.	Date format in dd-mm-yyyy .
item_List (conditional)	Items associated with the Invoice. Provide at least one Item if merchant does not provide any Task.	Item type array. Refer to Item list section for structure.
task_List (conditional)	Tasks associated with the Invoice Provide at least one Task if merchant does not provide any Item.	Task type array. Refer to Task list section for structure.

Note: Recurring Invoice without advance setting

XML Request:

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<Generate_Invoice_Query>
  <customer_name>xxxxx</customer_name>
  <customer_email_id>xxxxxx.xxxx@xxxxx.com</customer_email_id>
  <customer_email_subject>Test</customer_email_subject>
  <customer_mobile_no>9874561236</customer_mobile_no>
```

```
<currency>INR</currency>
<valid_for>2</valid_for>
<valid_type>days</valid_type>
<start_date>15-08-2014</start_date>
<frequency>Monthly</frequency>
<occurences>5</occurences>
<item_List>
  <item>
    <name>ITEM</name>
    <description>FIRST</description>
    <unit_cost>1.00</unit_cost>
    <quantity>3</quantity>
    <tax_List>
      <tax  name="Pint Tax" amount="2.5"/>
      <tax  name="Rent Tax" amount="8.0" />
    </tax_List>
  </item>
</item_List>
  <name>TASK</name>
<task_List>  <notes>NEW</notes>
  <task> <rate>1.00</rate>
    <hours>2</hours>
    <tax_List>
      <tax  name="Pint Tax" amount="2.5"/>
      <tax  name="Rent Tax" amount="8.0" />
    </tax_List>
  </task> </tax_List>
```

```

</task_List>
<merchant_reference_no>123456987</merchant_reference_no>
<terms_and_conditions>terms and condition</terms_and_conditions>
<sms_content>Pls pay your LegalEntity_Name bill # Invoice_ID for Invoice_Currency Invoice_Amount
online at Pay_Link.</sms_content>
</Generate_Invoice_Query>

```

Note: You will have to encrypt the above request and store in the “enc_request” parameter before sending it to CCAvenue. Kindly refer to the encryption section.

Json request:

```

{
  "customer_name": "xxxxxx", "customer_email_id":
  "xxxx.xxx@xxx.com", "customer_email_subject":
  "Test", "customer_mobile_no": "9874561236",
  "currency": "INR",
  "valid_for": "2",
  "valid_type": "days",
  "start_date": "15-08-2014",
  "frequency": "Monthly",
  "occurrences": "5",
  "item_List": [{
    "name": "ITEM",
    "description": "FIRST",
    "quantity": "3",
    "unit_cost": "1.00",
    "tax_List": [
      {"name": "Edu Tax", "amount": "5.0"},
      {"name": "Pint Tax", "amount": "2.5"}
    ]
  }],
  "task_List": [{
    "name": "TASK",
    "notes": "NEW",
    "hours": "2",
    "rate": "1.00",
    "tax_List": [
      {"name": "STGTax", "amount": "7.0"},
      {"name": "Rent Tax", "amount": "8.0"}
    ]
  }],
}

```

```

    "merchant_reference_no": "123456987",
    "terms_and_conditions": "terms and condition",
    "sms_content": "PlspayyourLegalEntity_Namebill#Invoice_IDforInvoice_Currency
Invoice_Amount online atPay_Link."
}

```

Note: You will have to encrypt the above request and store in the “enc_request” parameter before sending it to CCAvenue. Kindly refer to the encryption section.

String Request format:

Format:

```

Customer_Name|Currency | Valid_For | Valid_Type|Customer_Email_Id | Customer_Email_Subject|Custo
mer_Mobile_No | Term &
Condition | SMS_Content | Merchant_Reference_number |Item_Name|Item_Quantity|Item_Description|
Unit_Cost~Tax_Name|Tax_Amount|Tax_Name|Tax_Amount^
Item_Name|Item_Quantity|Item_Description|Unit_Cost~Tax_Name|Tax_Amount|Tax_Name|Tax_Amou
nt|Task_Name|Task_Rate|Task_Hours|Task_Notes~Tax_Name|Tax_Amount|Tax_Name|Tax_Amou
nt^Task_Name|Task_Rate|Task_Hours|Task_Notes~Tax_Name|Tax_Amount|Tax_Name|Tax_Amount|
Start_Date | Frequency | Occurences|Due_Date | Late_Payment_Fees|Late_Payment_Fees_Type|Discount_I
f_Paid_Within_Due_Date | Discount_Value | Discount_Type |

```

Example:

```

abcd|INR|2 | days | xx.xx@xx.info | email subject |9999999999 | t&c|Pls call 022-2121212121 to pay your
LegalEntity_Name bill # Invoice_ID for Invoice_Currency Invoice_Amount or pay online at
Pay_Link. |MER1234 | ITEM|2|FIRST|1.00~Edu Tax|5.0|Pint Tax|2.5|TASK|1.0|2|NEW~STG Tax|7.0|Rent
Tax|8.0|18-09-2014 | Monthly | 5 | | | | |

```

Note: You will have to encrypt the above request and store in the “enc_request” parameter before sending it to CCAvenue. Kindly refer to the encryption section.

Note: Recurring invoice with advance setting

XML Request:

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<Generate_Invoice_Query>
    <customer_name>abc</customer_name>
    <customer_email_id>abc@sify.com</customer_email_id>
    <customer_email_subject>Test</customer_email_subject>
    <customer_mobile_no>1234567890</customer_mobile_no>
    <currency>INR</currency>
    <valid_for>2</valid_for>

```

```
<valid_type>days</valid_type>
<start_date>15-08-2014</start_date>
<frequency>Monthly</frequency>
<occurrences>5</occurrences>
<item_List>
  <item>
    <name>ITEM</name>
    <description>FIRST</description>

    <unit_cost>1.00</unit_cost>
    <quantity>3</quantity>
    <tax_List>
      <tax    name="Pint Tax" amount="2.5"/>
      <tax    name="Rent Tax" amount="8.0" />
    </tax_List>
  </item>
</item_List>
<task_List>
  <task>
    <name>TASK</name>
    <notes>NEW</notes>
    <rate>1.00</rate>
    <hours>2</hours>
    <tax_List>
      <tax    name="Pint Tax" amount="2.5"/>
      <tax    name="Rent Tax" amount="8.0" />
    </tax_List>
  </task>
</task_List>
```

```

    <merchant_reference_no>123456987</merchant_reference_no>
    <terms_and_conditions>terms and condition</terms_and_conditions>
    <due_date>1</due_date>
    <late_payment_fees>2.5</late_payment_fees>
    <late_payment_fees_type>Perc</late_payment_fees_type>
    <discount_if_paid_within_due_date>4</discount_if_paid_within_due_date>
    <discount_value>1.50</discount_value>
    <discount_type>Perc</discount_type>
    <sms_content>Pls pay your LegalEntity_Name bill # Invoice_ID for Invoice_Currency Invoice_Amount
online at Pay_Link.</sms_content>
  </Generate_Invoice_Query>

```

Note: You will have to encrypt the above request and store in the “enc_request” parameter before sending it to CCAvenue. Kindly refer to the encryption section.

JSON Request:

```

{
  "customer_name": "abc", "customer_email_id": "abc@sify.com", "customer_email_subject": "Test",
  "customer_mobile_no": "9874561236", "currency": "INR",
    "valid_for": "2",
    "valid_type": "days",
    "start_date": "15-08-2014",
    "frequency": "Monthly",
    "occurrences": "5",
    "item_List": [{
      "name": "ITEM",
      "description": "FIRST",
      "quantity": "3",
      "unit_cost": "1.00",
      "tax_List": [
        {"name": "Edu Tax", "amount": "5.0"},
        {"name": "Pint Tax", "amount": "2.5"}
      ]
    }],
    "task_List": [{
      "name": "TASK",
      "notes": "NEW",
      "hours": "2",
      "rate": "1.00",
      "tax_List": [
        {"name": "STGTax", "amount": "7.0"},
        {"name": "Rent Tax", "amount": "8.0"}
      ],
    }],
  "merchant_reference_no": "123456987",
  "terms_and_conditions": "terms and condition",
  "due_date": "1",
  "late_payment_fees": "2.5",
  "late_payment_fees_type": "Perc",
  "discount_if_paid_within_due_date": "4",
  "discount_value": "1.50",

```



```

    "discount_type": "Perc",
    "sms_content": "Pls pay your LegalEntity_Name bill # Invoice_ID for Invoice_Currency
Invoice_Amount online at Pay_Link."
}

```

Note: You will have to encrypt the above request and store in the “enc_request” parameter before sending it to CCAvenue. Kindly refer to the encryption section.

String Request format:

Format:

```

Customer_Name | Currency | Valid_For | Valid_Type | Customer_Email_Id | Customer_Email_Subject | Customer_Mobile_No | Term &
Condition | SMS_Content | Merchant_Reference_number | Item_Name | Item_Quantity | Item_Description |
Unit_Cost ~ Tax_Name | Tax_Amount | Tax_Name | Tax_Amount ^
Item_Name | Item_Quantity | Item_Description | Unit_Cost ~ Tax_Name | Tax_Amount | Tax_Name | Tax_Amount |
Task_Name | Task_Rate | Task_Hours | Task_Notes ~ Tax_Name | Tax_Amount | Tax_Name | Tax_Amount |
Start_Date | Frequency | Occurrences | Due_Date | Late_Payment_Fees | Late_Payment_Fees_Type | Discount_If_Paid_Within_Due_Date |
Discount_Value | Discount_Type |

```

Example:

```

abcd | INR | 2 | days | xx.xx@xx.info | email subject | 9999999999 | t and c | Pls call 022-2121212121 to pay your
LegalEntity_Name bill # Invoice_ID for Invoice_Currency Invoice_Amount or pay online at
Pay_Link. | MER1234 | ITEM | 2 | FIRST | 1.00 ~ Edu Tax | 5.0 | Pint Tax | 2.5 | TASK | 1.0 | 2 | NEW ~ STG Tax | 7.0 | Rent Tax | 8.0 | 18-
09-2014 | Monthly | 5 | 1 | 2.5 | Perc | 1 | 1.50 | Perc |

```

Note: You will have to encrypt the above request and store in the “enc_request” parameter before sending it to CCAvenue. Kindly refer to the encryption section.

13. Generate Quick Invoice

This Quick invoice API call is used to generate a quick invoice for a customer.

This is a flavour of regular invoice but with limited options hence an easy implementation.

Request Parameters

Name	Description	Note
enc_request (required)	AES encrypted request data	
access_code (required)	This is the access code for your application. You must send this with each request.	
request_type (required)	API requests are accepted in XML, JSON or String. Specify the request type.	Value is “XML” or “JSON” or “STRING”.

response_type (optional)	API returns XML, JSON or String responses. If left blank, the response will be in the same format as request.	Value is "XML" or "JSON" or "STRING".
command (required)	This is the command to access the API Calls. You must send this with each request.	"generateQuickInvoice" for generate Quick invoice.
customer_name (required)	Name of the customer receiving the Invoice	Alphanumeric with special characters (space, hyphen, apostrophe, underscore, dot)(60).
customer_email_id (required)	Email ID on which the Invoice will be sent	Alphanumeric with special characters (hyphen, underscore, dot, @)(70).
customer_email_subject (required)	Subject of the email containing the Invoice	Alphanumeric with special characters (hyphens, dot, space and underscores)(100).
valid_for (required)	Duration for which the Invoice is Valid	Numeric(4)
valid_type (required)	The unit of duration represented by valid_for	Possible values for valid type is minutes/hours/days/month/year
Currency (required)	Currency for which the Invoice is to be generated	String Example: INR – Indian Rupee USD – United States Dollar SGD – Singapore Dollar GBP – Pound Sterling EUR – Euro, official currency of Eurozone
amount (required)	Invoice Amount for the generate invoice.	Decimal(12,2)
invoice_description	Invoice Description to be sent in Email	String (500)
merchant_reference_no (Optional)	Merchant identifier for the Invoice	Alphanumeric with special characters (hyphen and underscore)(50).
merchant_reference_no1 (Optional)	Merchant identifier for the Invoice	Alphanumeric with special characters (hyphen and underscore and hash)(100).

merchant_reference_no2 (Optional)	Merchant identifier for the Invoice (Will not be visible in invoice just for reference)	Alphanumeric with special characters(hyphen and underscore and hash)(100).
merchant_reference_no3 (Optional)	Merchant identifier for the Invoice (Will not be visible in invoice just for reference)	Alphanumeric with special characters(hyphen and underscore and hash)(100).
merchant_reference_no4 (Optional)	Merchant identifier for the Invoice (Will not be visible in invoice just for reference)	Alphanumeric with special characters(hyphen and underscore and hash)(100).
terms_and_conditions (optional)	Termsandconditions to be present in the Invoice	AlphaNumeric with special characters(hyphen, dot, circular brackets and ampersand)(500)
sms_content (optional)	Sms content to be sent if delivery type is SMS or BOTH	Alphanumericwithspecialcharacters (space, hyphen, uhash, ampersand, dot, round brackets)(60).
sub_acc_id (optional)	Unique Sub Account ID.	String
customer_mobile_no (required)	Mobile number of the customer receiving the Invoice.	Numeric(10)
bill_delivery_type (required)	Invoice delivery mechanism.	Possiblevalueforbilldeliverytypeis EMAIL/SMS/BOTH .
Files (optional)	Attachments to be sent with the quick invoice. Applicable only ifbill delivery type is EMAIL/BOTH .	File type array describedin below table.

Files:-

Name	Description	Note
Name (required)	Attachmentfile name whichispassingat generate invoicetime.	String File extension must be (.jpg .jpeg .doc .pdf .docx .png)format
Content (required)	Attachment file content must be in byte array format decoded with <i>decodeBase64</i> algorithm.	String(Attachment file size up to MOB)

XML Request:

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<Generate_Invoice_Query>
  <customer_name>abc</customer_name>
  <bill_delivery_type>BOTH</bill_delivery_type>
  <customer_mobile_no>7894561230</customer_mobile_no>
  <customer_email_id>test@test.com
</customer_email_id>
  <customer_email_subject>Test</customer_email_subject>
  <invoice_description>Test</invoice_description>
  <currency>INR</currency>
  <valid_for>2</valid_for>
  <valid_type>days</valid_type>
  <amount>1.0</amount>
  <merchant_reference_no>123456987</merchant_reference_no>
  <merchant_reference_no1>123456987</merchant_reference_no1>
  <merchant_reference_no2>123456987</merchant_reference_no2>
  <merchant_reference_no3>123456987</merchant_reference_no3>
  <merchant_reference_no4>123456987</merchant_reference_no4>
  <sub_acc_id></sub_acc_id>
  <terms_and_conditions>terms and condition</terms_and_conditions>
  <sms_content>Pls pay your LegalEntity_Name bill # Invoice_ID for
    Invoice_CurrencyInvoice_Amountonline at
    Pay_Link.</sms_content>
  <files>

  </files>
  <name>Test.doc</name>
</content>77u/SGVsbG8gaW5kaWEK</content>
</Generate_Invoice_Query>
```

Json Request:

```
{
  "customer_name": "Akshay",
  "bill_delivery_type": "both",
  "customer_mobile_no": 1234567890,
  "customer_email_id": "test@avenues.info",
  "customer_email_subject": "Test",
  "invoice_description": "Test",
  "currency": "INR",
  "valid_for": 2,
  "valid_type": "days",
  "amount": 10.0,
  "merchant_reference_no": 123456987,
  "merchant_reference_no1": 123456987,
```

```

    "merchant_reference_no2":123456987,
    "merchant_reference_no3":123456987,
    "merchant_reference_no4":123456987,
    "sub_acc_id": "",
    "terms_and_conditions": "terms and condition",
    "sms_content": "Pls call 022-2121212121 to pay your Legal Entity Name bill# Invoice_ID for
Invoice_Currency Invoice_Amount or pay online at Pay_Link.",
    "files": [{
        "name": "Test.doc",
        "content": "77u/SGVsbG8gaW5kaWEK"
    }]
}

```

String Request:

format: customer_name|currency|valid_for|valid_type|amount|bill_delivery_type|merchant_reference_no|merchant_reference_no1|merchant_reference_no2|sub_acc_id|terms_and_conditions|mobile_no|sms_content|customer_email_id|customer_email_subject|invoice_description|file_name|file_content^file_name|file_content|

Example: xxxxxx|INR|2|days|1.00|SMS|123456987|44785555654|4444545477878|sub1|terms and condition|9874563215|Pls call 022-2121212121 to pay your Legal Entity Name bill# Invoice_ID for Invoice_Currency Invoice_Amount or pay online at Pay_Link.|xxxxx.xxxx@xxxx.com|test invoice mail|this invoice generate for testing|invoice.doc|77u/SGVsbG8gaW5kaWEK|

XML Response:

1. Success

```

<?xml version='1.0' encoding='UTF-8'?>
<Generate_Invoice_Result error_code=""
error_desc="" invoice_status="0">
<invoice_id>5122841</invoice_id>
<qr_code>
iVBORw0KGgoAAAANSUhEUgAAAH0AAAB9CAYAAACPgGwIAAAB7kIEQVR42u3cUYrDMAwFQN    Qt0
TFLrET4qtedCfQkPqMThS4qyPjMsyBNAFukAX6AJdoAt0gS7QBbpAF-
gCXaAlDIeU0KELdIEu0AW6QJfp6Gut7Z8nx 221_Ov_J_QYcOHfpB6F3HeTLgTyZM5fhAhw4d-
kvQu9bf9PVA4n9Bhw4d-nD0X44PHTp06NCvRP_vtQF06NChQ2_vyFUOrl4cdOjQoZfdT-
_63v106NChD0TvmISJTt0V4wUdOnTodSjp—
m7OntKNuJQoUPfMshdXbj0hovO6wTo0KFDb5oMiY0JiU5a5TIDhw4d-
qEduV03QbrKzF0TDDp06NCHIGy7BrmyTNORgw4d-
kD09H6xxG93TdpOaOjQoUNvKn92lW9d62xiKzR06NChH1qyVb6iM3HM9GYK6NChQ9eR2wLX9bbq6
0s26NChT3sw8m0dv8QLjsZ25KBDh_5xw6V8g0BICTb2aVjo0KFPQ08fp_II_-
kSFTp06NAPRe9aW7s6e68pcaFDhw79PPR0idR1ztChQ4c-
EP3Jup8oFSuf2oUOHTr0izty6S3MifUdOnTo0C9D73rKNN2F23U9AB06dOgHocu7Ah26QBfoAl2gC3SBL
tAFukAX6AJdoAt0gS7QBTp0gS7QBbpAF-jy5vwB_TaQ25UAXPwAAAAASUVORK5CYII
</qr_code>
<tiny_url>http://payit.cc/I5122841</tiny_url>

```

</Generate_Invoice_Result>

2. Failure

```
<?xml version='1.0' encoding='UTF-8'?>
<Generate_Invoice_Result error_code="51072"
error_desc="Merchantreferencenumber:InvalidParameter"
invoice_status="1">
    <invoice_id></invoice_id>
    <qr_code></qr_code>
    <tiny_url></tiny_url>
</Generate_Invoice_Result>
```

Json Response: 1.Success

```
{
    "error_desc": "",
    "invoice_id": "5122799",
    "tiny_url": "http://payit.cc/I5122799",
    "qr_code": "iVBORw0KGgoAAAANSUhEUgAAAH0AAAB9CAYAAACPgGwIAAAB-
klEQVR42u3dUY7CMAwFwNz_0rsnQFo2frWTzpP4Q6V0liV2U1g_8roslwC6QBfoAl2gC3SBLtAFukAX6AJdoAt0
gS7QBTp0gS7QBbpAF-jydvS1VvIr57M-vf8vx-z6XtChQ4c-HL3rODsDYGfAPHI9oEOHDn0lenr- rVoPTPhe0KFDh_5C9G-
Pv1N2QYcOHTr0Uehd5wMdOnToOnIlx0ncyNCRgw4dOvR_d8nSpVPXGsD9dOjQoV- M_mSevFFy7DWCDh069OycXrUe-
Paz0qDTBwx06NChP1iy7cAlOl1V5zxxnQAdOnToTWVU17aonXk5cc7QoUOHfIBHLrF9KHFh04Ohau0BHTp06A
PREyXPtO5f1ZoHOnTo0A_qyFXNIV0POyTWIdChQ4d-",
    "invoice_status": 0,
    "error_code": "",
    "merchant_reference_no": "123456987"
}
```

2.Failure

```
{
    "error_desc": "Emailid:Invalid Parameter",
    "invoice_id": "",
    "tiny_url": "",
    "qr_code": "",
    "invoice_status": 1,
    "error_code": "51012",
```

```

    "merchant_reference_no":""
}

```

String Response: 1.Success

Format:invoice_status|invoice_id | qr_code| tiny_url merchant_reference_no |

Example:

```

0 | 5089334 | iVBORwOKGgoAAAANSUHEUgAAAH0AAAB9CAYAAACPgGwIAAAB6UIEQVR42u3dQW7DMAwEQP
3_08kXEpr0tIs0EvRurHHgETKctdHrstyCaALdIEu0AW6QBfoAl2gC3SBLtAFukAXGlvG3To0KGPunkSmxF05KBD h35hyZYe-
9LHTMwwoEOHDv3Cjlyiu5VeHJnYhYMOHTr0jeg7S6fEurnHpaBDhw591H6xrtD-
KtmgQ4cOvWXfWQJx4tsqoEOHDv0IHbn0freqbps3UUCHDv1g9J3_wyV9I3kaFjp06J57I0GBDI2gC3SBLtAFuka
X6AJdoAt0gS7QBbpAF-gCHbpAF-
gCXaALdJmclYERMkikhZ8LAAAAEIfTkSuQmCC|http://payit.cc/I5089334 | 123456789 |

```

2.Failure

Format:invoice_status|error_code | error_desc | merchant_reference_no |

Example: 1 | 51323 | Tax not configured for the merchant. | 123456789 |

Note: You will have to decrypt the above response from “enc_response” parameter. Kindly refer to the decryption section.

14. Get ItemList

Item list API call allows you to find all task and item list which is configured for the merchant.

Request Parameters

ForInvoiceItems,endrequestdataisnotrequired.Merchanthastotosendthecommand,Accesscode, request_type and response_type parameters only.

Name	Description	value
enc_request (required)	AES encrypted request data	
access_code (required)	Unique CCAvenue access code which is generated when merchant registered their IP address. You must send this with each request.	
request_type (required)	API requests are accepted in XML, JSON or String. Specify the request type.	Possible value for request_type is “XML” or “JSON” or “STRING”.
response_type (optional)	API returns XML, JSON or String responses. If left blank, the response will be in the same format as request.	Possible value for response_type is “XML” or “JSON” or “STRING”.
Command (required)	Command value specifies the API calls. You must send this with each request.	Possible value for this API call is “getInvoiceItems”.

Request example: `access_code=xxxxxxxxxxxx&command=getInvoiceItems&request_type=xml&response_type=xml`

Response Parameters

Name	Description	Note
status	This states whether the call was successful or not. If value of this parameter is "1" then you need not decrypt the enc_response as it will contain plain error message.	Value "0" denotes that the API call was not successful. Value "1" denotes API call failure. On enc_response is plaintext representing the error message.
enc_response	AES encrypted response containing format as per <i>response_type</i>	
error_desc	This Attribute contains the description of the failure request processing. When status is 1 then this attribute will generate the reason for failure.	Please refer below table for the failure message.
error_code	Error code for Failure reason.	String Please refer below table for failure message.
item_List	List of all item/task which is configured for the merchant	Item List type array. Refer to Item_List section for structure

Item List:

Name	Description	Note
description	Descriptive information about the Item/task.	Alphanumeric with special characters (hyphen, dot, circular brackets, space, comma, underscore, hash (#) and symbol &)(60).
name	Unique name of the Item/task for the generate invoice which is assigned against the merchant id.	Alphanumeric with special characters (space, hyphen, apostrophe, underscore, dot)(60).
type	Specify the item type provided.	Possible values for item type are ITEM/TASK .

Example XML Response

Success:

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<Invoice_Item_Result status="0" error_code="" error_desc="">
  <item_List>
    <item name="First Task" type="TASK" description="sgsdfgsfgsdfg" />
    <item name="test" type="TASK" description="test" />
    <item name="test" type="ITEM" description="test" />
    <item name="TestITEM" type="ITEM" description="TEST"/>
  </item_List>
</Invoice_Item_Result>
```

Failure:

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<Invoice_Item_Result status="1" error_desc="Enc_request: Norecordfoundforgivencriteria." error_code="51419"/>
```

Note: You will have to decrypt the above response from “enc_response” parameter. Kindly refer to the decryption section.

Example JSON Response

Success:

```
{
  "item_List":[
    {"name":"HP","description":"QC","type":"ITEM"},
    {"name":"asdasd","description":"asdasd","type":"TASK"},
    {"name":"STG","description":"test","type":"ITEM"},
    {"name":"ITEM","description":"FIRST","type":"ITEM"},
    {"name":"TASK","description":"NEW","type":"TASK"},
    {"name":"TASK2","description":"NEW","type":"TASK"}
  ],
  "status":0,
  "error_desc": "",
  "error_code": ""
}
```

Failure:

```
{
  "status":1,
  "error_desc": "Enc_request: No record found for given criteria.",
  "error_code": "51419"
}
```

Note: You will have to decrypt the above response from “enc_response” parameter. Kindly refer to the decryption section.

Example STRING Response

Success:

Format: status | type | name | description ^ type | name | description |

Example: 0 | TASK | First Task | sgsdfgsfgsdfg ^ TASK | Second Task | Second task notes ^ TASK | test | test ^ ITEM | Second Task | akshay ^ ITEM | test | test |

Failure:

Format: status | error_code | error_desc |

Example: 1 | 51419 | Enc_request: No record found for given criteria. |

Note: You will have to decrypt the above response from “enc_response” parameter. Kindly refer to the decryption section.

15. Invoice Lookup

Invoice lookup API call is used to find the list of all invoices.

Request Parameters

Name	Description	value
enc_request (required)	AES encrypted request data	
access_code (required)	Unique CCAvenue access code which is generated when merchants registered their IP address. You must send this with each request.	
request_type (required)	API requests are accepted in XML, JSON or String. Specify the request type.	Possible value for request_type is “XML” or “JSON” or “STRING”.
response_type (optional)	API returns response in XML, JSON or String format. If left blank, the response will be in the same format as request.	Possible value for response_type is “XML” or “JSON” or “STRING”.
Command (required)	Command value specifies the API calls. You must send this with each request.	Possible value for this API call is “invoiceList”.

from_date (conditional)	Mandatory along with to_date if no other criteria mentioned	Date must be dd-mm-yyyy format.
to_date (conditional)	Mandatory along with from_date if no other criteria mentioned	Date must be dd-mm-yyyy format.
max_amount (optional)	Max amount of the invoice to be searched	Decimal(12,2)
min_amount (optional)	Min amount of the invoice to be searched	Decimal(12,2)
created_by (optional)	Unique identification of the merchant for the generate invoice.	String(Unique id of Merchant)
mobile_no (optional)	Customer mobile number for the generate invoice.	Numbers(10)
email_id (optional)	Customer email id for the generate invoice.	Alphanumeric with special characters (hyphen, underscore, dot, @)(70).
invoice_no	Reference number generated from the merchant end.	Numeric(25)
reference_no (optional)	Unique CCAvenue reference number for the transaction.	Numeric(25)
invoice_id (optional)	Unique CCAvenue bill id for the generate invoice.	Numeric value(25)
invoice_type (optional)	Provide only possible value of the invoice type.	The possible values for invoice type is quick/invoice/recurring
page_no (required)	The default value of page no is 1.	Number(1)

Request:

XML Format:

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<Invoice_List_Query>
  <from_date>10-09-2014</from_date>
  <to_date>11-09-2014</to_date>
  <max_amt>12.00</max_amt>
  <min_amt>1.00</min_amt>
  <created_by>xxx</created_by>
  <invoice_email>xxx@xx.xxx</invoice_email>

```

```

<invoice_mobile_no>1234567890</invoice_mobile_no>
<reference_no>1234</reference_no>
<reference_no>1234</reference_no>
<invoice_id>321</invoice_id>
<invoice_no>345678</invoice_no>
<invoice_type>TASK/ITEM</invoice_type>
<invoice_type_name>Task</invoice_type_name>
<page_count>1</page_count>
</Invoice_List_Query>

```

Note: You will have to encrypt the above request and store in the “enc_request” parameter before sending it to CCAvenue. Kindly refer to the encryption section.

JSON Format:

```

{
  "from_date":"10-10-2014",
  "to_date":"11-10-2014",
  "max_amt":"10.00",
  "min_amt":"1.00",
  "created_by":"xxx",
  "invoice_email":"xxxx@xxx.com",
  "invoice_mobile_no":"1234569871",
  "reference_no":"123654",
  "invoice_id":"123",
  "invoice_no":"147852",
  "invoice_type":"item/task",
  "invoice_type_name":"task",
  "page_count":"1"
}

```

Note: You will have to encrypt the above request and store in the “enc_request” parameter before sending it to CCAvenue. Kindly refer to the encryption section.

String Format:

FromDate|ToDate|max_amount|min_amount|created_by|mobile_no|email_id|reference_no|invoice_id|invoice_no|invoice_type|invoice_type_name|page_no|

Example:11-10-2014|12-10-

2014|10.00|1.00|xxxx|1236547895|xxxx@xx.com|123654789|741258|45698741|task|FIRST|1|

Note: You will have to encrypt the above request and store in the “enc_request” parameter before sending it to CCAvenue. Kindly refer to the encryption section.

Response Parameters

Name	Description	Note
status	This states whether the call was successful or not. If value of this parameter is "1" then you need not decrypt the enc_response as it will contain plain error message.	Value "0" denotes that the API call was successful. Value "1" denotes API call failure. On enc_response is plaintext representing the error message.
enc_response	AES encrypted response containing format as per <i>response_type</i>	
Invoice_ID	Unique CCAvenue bill id for the generate invoice.	Numeric(25).
Invoice_ref_no	Merchant identifier for the Invoice	Alphanumeric with special characters (hyphen and underscore)(25).
Invoice_created_by	Unique merchant ID for the generate invoice.	String(70).
order_no	Order No for the transaction.	AlphaNumeric with special characters (hyphen and underscore)(30).
order_amt	Amount for the transaction.	Decimal(12,2).
order_bill_address	Order billing address details for the order.	Possible value for address is Alphanumeric with special characters (space, hyphen, comma, ampersand(&), hash(#), circular brackets and dot)(315)
order_bill_city	Order billing City name for the order.	Possible value for city is Alphanumeric with special characters (space, comma, hyphen and dot)(30).
order_bill_country	Order billing country for the Order.	Possible value for country is Alphanumeric with special characters (space)(30).
order_bill_email	Email Address of the Order for notifications.	Possible value for email id is Alphanumeric with special characters (hyphen, underscore, dot, @)(70).

order_bill_name	Order billing name for the order.	Possible value for name is Alphanumeric with special characters (space, hyphen, apostrophe, underscore, dot)(60).
order_bill_state	Order billing state for the order.	Alphanumeric with special characters (hyphen, dot and space)(30).
order_bill_tel	Order billing telephone no for the order.	Numeric(10)
order_bill_zip	Order billing address' pin code for the order.	Possible value for zip is AlphaNumeric with special characters (hyphen and space) (15).
order_capt_amt	Captured amount for the transaction. Captured amount can be full or partial of the transaction amount.	Decimal (12,2)
order_curr	Possible order Currency in which merchant processed the transaction.	String Examples: INR – Indian Rupee USD – United States Dollar SGD – Singapore Dollar GBP – Pound Sterling EUR – Euro, official currency of Eurozone
order_date_time	Order Generated Date & Time.	Date Time in IST(yyyy-MM-dd HH:mm:ss.SSS) format.
order_device_type	This is the type of device using which the transaction was processed.	Possible value for device type is IVRS/MOB/PC .
order_discount	This is Discount Value for the Order No.	Decimal(12,2).
order_fee_flat	Flat Fee for the Order No.	Decimal(12,2).
order_fee_perc	Provides the percentage fee for the same order No.	Decimal(12,2).
order_fee_perc_value	This attribute provides the percentage fee Value for the same order No.	Decimal(12,2).

order_fraud_status	Specify whether orders are valid or not.	String Possible Values are: 1) Value " High " denotes "High Risk" 2) Value " Low " denotes "Low Risk" 3) Value " NR " denotes "No Risk" 4) Value " GA " denotes "Go Ahead" 5) Value " NA " denotes "Not Applicable"
order_gross_amt	Total transaction amount.	Decimal(12,2).
order_ip	Customer IP Address (i.e. from where transaction is being initiated)	IP V-4 Supported.
order_no	Order No for the transaction.	AlphaNumeric with special characters(hyphen and underscore)(30).
order_notes	Order information you wish to provide.	AlphaNumeric with special characters(space, comma, dot, hyphen and underscore)(60).
order_ship_address	Shipping Address for the order.	Possible value for address is Alphanumeric with special characters (space, hyphen, comma, ampersand(&), hash(#), circularbracketsanddot)(315)
order_ship_city	Shipping city name for the orders.	Possible value for city is Alphanumeric with special characters (space, comma, hyphen and dot)(30).
order_ship_country	Shipping country name for the orders.	Possible value for country is Alphanumeric with special characters (space)(30).
order_ship_email	ShippingemailIDfor the notifications ofthe transaction.	Possible value for email id is Alphanumeric with special characters (hyphen, underscore, dot, @)(70).

order_ship_name	ShippingName of the Customer for the order.	Possible value for name is Alphanumeric with special characters (space, hyphen, apostrophe, underscore, dot)(60).
order_ship_state	Shipping state for the order.	Alphanumeric with special characters (hyphen, dot and space)(30).
order_ship_tel	Telephone no for notifications of the transaction.	Numeric(10).
order_ship_zip	Order shipping address' pin code for the order.	Possible value for zip is AlphaNumeric with special characters(hyphen and space) (15).

order_status	Status of the order. It can be single or multiple.	<p>String</p> <p>Possible values are:</p> <p>Aborted (transaction is cancelled by the User)</p> <p>Auto-Cancelled (transaction has not confirmed within 12 days hence auto cancelled by system)</p> <p>Auto-Reversed (two identical transactions for same order number, both were successful at bank's end but we got response for only one of them, then next day during reconciliation we mark one of the transaction as auto reversed)</p> <p>Awaited (transaction is processed from billing shipping page but no response is received)</p> <p>Cancelled (transaction is cancelled by merchant)</p> <p>Chargeback()</p> <p>Invalid (Transaction sent to CCAvenue with Invalid parameters, hence could not be processed further)</p> <p>Fraud (we update this during recon, the amount is different at bank's end and at CCAvenue due to tampering)</p> <p>Initiated (transaction just arrived on billing shipping page and not processed further)</p> <p>Refunded (Transaction is refunded.)</p> <p>Shipped (transaction is confirmed)</p> <p>Successful</p> <p>System refund (Refunded by CCAvenue for various find of reversals by CCAvenue)</p> <p>Unsuccessful (transaction is not successful)</p>
---------------------	--	---

order_status_date_time	This is the latest date and time when order status is modified.	DateTime in IST(yyyy-MM-dd HH:mm:ss.SSS) format.
order_TDS	Amount of TDS (tax deducted at source) for the Transaction.	Decimal(13,4).
reference_no	Unique CCAvenue reference no for the transaction.	Numeric(25).
error_desc	This Attribute contains the description of the failure request processing. When status is 1 then this attribute will generate the reason for failure.	Please refer below table for the failure message.
error_code	Error code for Failure reason.	String Please refer below table for failure message.
page_count	Total pages available based on <i>no_of_records</i> in the request	Numeric(25).
total_records	Total no. of orders matching the lookup criteria.	

Example XML Response

Success:

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<Invoice_List_Result error_desc="" error_code="" error_desc="">
  <invoice_List>
    <invoice
      invoice_Created_By="API"
      invoice_Id="xxxxxxxxx"
      invoice_ref_no="xxxxxxxxx"
      order_Amt="xx.xx"
      order_Bank_Mid="xxxxxxxxx"
      order_Bank_Ref_No="xxxxxxxxx"
      order_Bank_Response="xxxx xxxxx"
      order_Bill_Address="xxxxx"
      order_Bill_City="xxxxxx"
      order_Bill_Country="xxxxxx"
      order_Bill_Email="xxxxx@xxxxx.com"
      order_Bill_Name="xxxxxx"
      order_Bill_State="xxxxxx"
      order_Bill_Tel="xxxxxxxxxxx"
      order_Bill_Zip="xxxxxx"
    />
  />
</Invoice_List_Result>

```

```

order_Capt_Amt="xx.xx"
order_Card_Name="xyz"
order_Card_Type="abcd"
order_Currency="xxx"
order_Date_time="xxxx-xx-xx xx:xx:xx"
order_Discount="x.x"
order_Fee_Flat="x.x"
order_Fee_Perc="xx.xx"
order_Fraud_Status="xxx"
order_Gross_Amt="x.xx"
order_Gtw_Id="xxxxx"
order_Ip="xxx.xxx.xxx.xxx"
order_No="x"
order_Ship_Address="xxxxxx xxxx"
order_Ship_City="xxxxxxx"
order_Ship_Country="xxxxxx"
order_Ship_Name="xxxxx xxxx"
order_Ship_State="xxx"
order_Ship_Tel="xxxxxxxxxxx"
order_Ship_Zip="xxxxxx"
order_Status="xxxxxxxx"
order_Status_Date_time="xxxx-xx-xx xx:xx:xx"
order_Tax="xx.xxxx"
order_Type="xx-xxx"/>
</invoice_List>
<page_count>1</page_count>
<total_records>1</total_records>
</Invoice_List_Result>

```

Failure:

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<Invoice_List_Result error_desc="Order List: Invalid Parameter" error_code="51308"/>

```

Note: You will have to decrypt the above response from “enc_response” parameter. Kindly refer to the decryption section.

Example JSON Response Success:

```

{
  "invoice_List": [{
    "invoice_Id": 5094273,
    "invoice_ref_no": "123456987",
    "invoice_Created_By": "API",
    "order_Currency": "INR",
    "order_Amt": 0.0,
    "order_Gross_Amt": 0.0,
    "order_Discount": 0.0,

```

```
"order_Capt_Amt":0.0,  
"order_Fee_Perc":0.0,  
"order_Fee_Perc_Value":0.0,  
"order_Fee_Flat":0.0,  
"order_Tax":0.0  
}},  
"page_count":1,  
"total_records":1,  
"error_desc": "",  
"error_code": ""  
}
```

Failure:

```
{  
  "error_desc": "Order List: Invalid Parameter",  
  "error_code": "51308",  
  "page_count": 0,  
  "total_records": 0  
}
```

Note: You will have to decrypt the above response from “enc_response” parameter. Kindly refer to the decryption section.

Example STRING Response

String Format:

page_count | total_records | Invoice_Id|Invoice_ref_no|Invoice_Created_By|Order_No|Order_Type|Order_Currency|Order_Amt|Order_Date_time|Order_Notes|
Order_Ip|Order_Status| |Order_Bank_Response|Order_Bank_Mid|Order_Bank_Ref_No|Order_Status_
Date_Time|Order_Fraud_Status|Order_Card_Name|Order_Card_Type
|Order_Gtw_Id|Order_Gross_Amt|Order_Discount|Order_Capt_Amt|Order_Fee_Flat|Order_Fee_Perc
|Order_Tax|Order_Delivery_Details|Order_Bill_Name|Order_Bill_Email|Order_Bill_Tel|Order_Bill_Add
ress|Order_Bill_City|Order_Bill_State|Order_Bill_Country|Order_Bill_Zip|Order_Ship_Name|Order_Sh
ip_Email|Order_Ship_Tel|Order_Ship_Address|Order_Ship_City|Order_Ship_State|Order_Ship_Countr
y|Order_Ship_Zip^|

Success:

1 | 1 | xxxxxx | xxxxxx | API | xxxxx | xx-xxx | xxx | xx.xx | xxx-xx-xx xx:xx:xx.xxx | | xxx.xxx.xxx.xxx | xxx | xxx
xxx | xxxxxxxx | xxxxxx | xxx-xx-xx
xx:xx:xx.xxx | xx | xxxxxx | xxx | xxx | xx.xx | x.x | x.xx | x.x | xx.x | x.xxxx | | xxx | xxx@xxx.com | xxxxxxxx | xxx | xx
xx | xxx | xxx | xxx | xxx xxx | | xxxxxx | xxxxxx xxx | xxxxxx | xx | xxx | xxxxxx |

Failure:

page_count | total_records | error_code | error_desc |

0 | 0 | 51308 | Order List: Invalid Parameter |

Note: You will have to decrypt the above response from “enc_response” parameter. Kindly refer to the decryption section.

16. UpdateInvoice ReferenceNumber

Update Invoice reference Number API call is used to update Invoice reference number if the same was not provided at the time of invoice generation.

Request Parameters:

Name	Description	value
enc_request (required)	AES encrypted request data	
access_code (required)	Unique CCAvenue access code which is generated when merchant registered their IP address. You must send this with each request.	
request_type (required)	API requests are accepted in XML, JSON or String. Specify the request type.	Possible value for request_type is "XML" or "JSON" or "STRING".
response_type (optional)	API returns response in XML, JSON or String format. If left blank, the response will be in the same format as request.	Possible value for response_type is "XML" or "JSON" or "STRING".
Command (required)	Command value specifies the API calls. You must send this with each request.	Possible value for this API call is "updateBillMerchantReferenceNo"
bill_id (required)	Unique CCAvenue Bill id (invoice id) for the generated invoice.	Numeric value(25)
merchant_ref_no (required)	Unique reference no shared by merchant to update against CCAvenue bill id (invoice id).	Alphanumeric with special characters (hyphen and underscore)(25).

Request format:

XML Format:

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<Update_Bill_Merchant_Reference_No_Query>
  <bill_id>1234566</bill_id>
  <mer_reference_no>12354</mer_reference_no>
</Update_Bill_Merchant_Reference_No_Query>
```

Note: You will have to encrypt the above request and store in the "enc_request" parameter before sending it to CCAvenue. Kindly refer to the encryption section.

JSON Format:

```
{  
    "bill_id":"123456",  
    "mer_reference_no":"123654"  
}
```

Note: You will have to encrypt the above request and store in the “enc_request” parameter before sending it to CCAvenue. Kindly refer to the encryption section.

String Format:

Format: Bill_id | merchant_reference_no |

Example: 123456|123654|

Note: You will have to encrypt the above request and store in the “enc_request” parameter before sending it to CCAvenue. Kindly refer to the encryption section.

Response Parameters

Name	Description	Note
status	This states whether the call was successful or not. If value of this parameter is “1” then you need not decrypt the enc_response as it will contain plain error message.	Value “0” denotes that the API call was successful. Value “1” denotes API call failure. On enc_response is plain text representing the error message.
enc_response	AES encrypted response containing format as per <i>response_type</i>	
error_desc	Failure reason as on if update merchant reference number is not going to be updated successfully for the generated invoice.	Please refer below table for the failure message.
error_code	Error code for Failure reason.	String Please refer below table for failure message.
update_status	Merchant update status specifies the status of update merchant reference number.	Numeric(1) “0” means update merchant reference number was successful. “1” means merchant reference number was not successfully updated.

--	--	--

Response Format:

XML Format:

Success:

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<Update_Merch_Ref_No_Result update_status="0" error_code="" error_desc="" />
```

Failure:

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<Update_Merch_Ref_No_Result update_status="1" error_desc="Bill Merchant Reference No: Invalid Parameter"
error_code="51320"/>
```

Note: You will have to decrypt the above response from “enc_response” parameter. Kindly refer to the decryption section.

JSON Format:

Success:

```
{
    "update_status":0,
    "error_desc":, "error_code":
}
```

Failure:

```
{
    "error_desc":"bill_id: Invalid Parameter",
    "update_status":1, "error_code":"51319"
}
```


Note: You will have to decrypt the above response from “enc_response” parameter. Kindly refer to the decryption section.

String Format:

Success Format: update_status |

Example: 0 |

Failure Format: update_status | error_code | error_desc |

Example: 1 | 51320 | Bill Merchant Reference No: Invalid Parameter |

Note: You will have to decrypt the above response from “enc_response” parameter. Kindly refer to the decryption section.

17. Update MerchantParams

Update Merchantparams API is used to add some extra parameter against Reference no if the same could not be done at the time of the transaction.

Request Parameters:

Name	Description	value
enc_request (required)	AES encrypted request data	
access_code (required)	Unique CCAvenue access code which is generated when merchant registered their IP address. You must send this with each request.	
request_type (required)	API requests are accepted in XML, JSON or String. Specify the request type.	Possible value for request_type is “XML” or “JSON” or “STRING”.
response_type (optional)	API returns XML, JSON or String responses. If left blank, the response will be in the same format as request.	Possible value for response_type is “XML” or “JSON” or “STRING”.
command (required)	Command value specifies the API Calls. You must send this with each request.	Possible value for this API call is “ updateMerchantParams ”
reference_no (required)	Unique CCAvenue reference number for the transaction.	Numeric(25)

param_value (required)	Merchant can update one param value against unique reference no after placing order.	Alphanumeric with special characters (comma, hyphen, backslash and dot) (100)
param_value1 (optional)	Merchant can update one param value against unique reference no after placing order.	Alphanumeric with special characters (comma, hyphen, backslash and dot) (100)
param_value2 (optional)	Merchant can update one param value against unique reference no after placing order.	Alphanumeric with special characters (comma, hyphen, backslash and dot) (100)
param_value3 (optional)	Merchant can update one param value against unique reference no after placing order.	Alphanumeric with special characters (comma, hyphen, backslash and dot) (100).
param_value4 (optional)	Merchant can update one param value against unique reference no after placing order.	Alphanumeric with special characters (comma, hyphen, backslash and dot) (100)

Request format:

XML Format:

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<Update_Merchant_Params_Query>

    <reference_no>203000093626</reference_no>
    <param_value>10</param_value>
    <param_value1>11</param_value1>
    <param_value2>22</param_value2>
    <param_value3>33</param_value3>
    <param_value4>44</param_value4>
</Update_Merchant_Params_Query>
```

Note: You will have to encrypt the above request and store in the “enc_request” parameter before sending it to CCAvenue. Kindly refer to the encryption section.

JSON Format:

```
{
    "reference_no": "123654",
    "param_value": "10",
```

```

    "param_value1": "11",
    "param_value2": "22",
    "param_value3": "33",
    "param_value4": "44"
}

```

Note: You will have to encrypt the above request and store in the “enc_request” parameter before sending it to CCAvenue. Kindly refer to the encryption section.

String Format:

Format: Reference_no | Param_value1 | Param_value2 | Param_value3 | Param_value4 | Param_value5 |

Example: 123456|10|11|22|33|44|

Note: You will have to encrypt the above request and store in the “enc_request” parameter before sending it to CCAvenue. Kindly refer to the encryption section.

Response Parameters

Name	Description	Note
status	This states whether the call was successful or not. If value of this parameter is “1” then you need not decrypt the enc_response as it will contain plain error message.	Value “0” denotes that the API call was successful. Value “1” denotes API call failure. On enc_response is plain text representing the error message.
enc_response	AES encrypted response containing format as per <i>response_type</i>	
error_desc	Failure reason if API call does not update/add param value.	Please refer below table for failure message.
error_code	Error code for Failure reason.	String Please refer below table for failure message.
update_status	Update status contains merchant parameter if add/update was successful or not.	“0” means update merchant parameter value was successful. “1” means update merchant param value was not successful.

Response Format:**XML Format:****Success:**

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<Update_Merchant_Param_Result update_status="0" error_code="" error_desc=""/>
```

Failure:

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<Update_Merchant_Param_Result error_desc="Reference number: Invalid Parameter" update_status="1"
error_code="51322"/>
```

Note: You will have to decrypt the above response from “enc_response” parameter. Kindly refer to the decryption section.

JSON Format:**Success:**

```
{
    "update_status":0,
    "error_desc": "",
    "error_code": ""
}
```

Failure:

```
{
    "error_desc": "Referencenumber:Invalid Parameter",
    "error_code": "51322",
    "update_status":1
}
```

Note: You will have to decrypt the above response from “enc_response” parameter. Kindly refer to the decryption section.

String Format:

Success Format: update_status |

Example: 0 |

Failure Format: update_status | error_code | error_desc |

Example: 1 | 51322 | Reference number: Invalid Parameter |

Note: You will have to decrypt the above response from “enc_response” parameter. Kindly refer to the decryption section.

18. Update BillingDetails

Update billing details API call is used to update customer billing information against an order.

Request Parameters:

Name	Description	value
enc_request (required)	AES encrypted request data	
access_code (required)	Unique CCAvenue access code which is generated when merchant registered their IP address. You must send this with each request.	
request_type (required)	API requests are accepted in XML, JSON or String. Specify the request type.	Possible value for request_type is "XML" or "JSON" or "STRING".
response_type (optional)	API returns XML, JSON or String responses. If left blank, the response will be in the same format as request.	Possible value for response_type is "XML" or "JSON" or "STRING".
command (required)	Command value specifies the API Calls. You must send this with each request.	Possible value for this API call is "updateBillingDetails"
reference_no (required)	Unique CCAvenue reference no for the transaction.	Numeric value(25).
bill_name (required)	Billing name for the order	Alphanumeric with special characters (space, hyphen, apostrophe, underscore, dot)(60).
bill_email (required)	Billing email id for order	Alphanumeric with special characters (hyphen, underscore, dot, @)(70).
bill_address (required) 421=Unsupported version for the API call.	Billing address for order	Alphanumeric with special characters (space, hyphen, comma, ampersand(&), hash(#), circular brackets and dot)(315)
bill_city (required)	Billing city for order	Alphanumeric with special characters (space, comma, hyphen and dot)(30).

bill_state (required)	Billing state for order	Alphanumeric with special characters (hyphen, dot and space)(30).
bill_country (required)	Billing country for order	Alphanumeric with special characters (space)(30).
bill_zip (required)	Billing zip for order	AlphaNumeric with special characters(hyphen and space) (15).

Request format:

XML Format:

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<Update_Billing_Details_Query>
  <reference_no>123456</reference_no>
  <bill_name>bill name</bill_name>
  <bill_email>szgfs.sdgf@sfdg.com</bill_email>
  <bill_address>santacruz(west)</bill_address>
  <bill_city>mumbai</bill_city>
  <bill_state>maharashtra</bill_state>
  <bill_country>india</bill_country>
  <bill_zip>400000</bill_zip>
</Update_Billing_Details_Query>
```

Note: You will have to encrypt the above request and store in the “enc_request” parameter before sending it to CCAvenue. Kindly refer to the encryption section.

JSON Format:

```
{
  "reference_no":"123456",
  "bill_name":"bill name",
  "bill_email":"zgfs.sdgf@sfdg.com",
  "bill_address":"santacruz(west)",
  "bill_city":"mumbai",
  "bill_state":"maharashtra",
  "bill_country":"india",
  "bill_zip":"400000"
```

}

Note: You will have to encrypt the above request and store in the “enc_request” parameter before sending it to CCAvenue. Kindly refer to the encryption section.

String Format:

Format: Reference No | Billing Name | Bill Email ID | Bill Address | Bill City | Bill State | Bill Country | Bill Zip |

Example: 123456 | bill name | xxx@xxx.com | santacruz(west) | mumbai | maharashtra | india | 400054 |

Note: You will have to encrypt the above request and store in the “enc_request” parameter before sending it to CCAvenue. Kindly refer to the encryption section.

Response Parameters

Name	Description	Note
status421=Unsupported versionfortheAPIcall.	Thisstateswhetherthecallwassuccessfulor not. Ifvalue ofthisparameter is“1”thenyou need notdecrypt the enc_response as itwill contain plain errormessage.	Value“0”denotes thatthe APIcall was successful. Value“1” denotes API call failure. On enc_response is plain text representstheerrormessage.
enc_response	AESencryptedresponsecontainingformat as per <i>response_type</i>	
error_desc	Failure reason if billing details are not updated successfully.	String Please refer below table for failure message.
error_code	Error code for Failure reason.	String Please refer below table for failure message.
update_status	Update_status denotes whether Billing informationhavebeenupdatesuccessfully or not.	“0” means update billing details was successful. “1” means billing details are not successfully updated.

Response Format:

XML Format:

Success:

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<Update_Param_Result update_status="0" error_desc="" error_code=""/>
```

Failure:

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<Update_Bill_Details_Result update_status="1" error_desc="Reference number: Invalid Parameter"
error_code="51316"/>
```

Note: You will have to decrypt the above response from “enc_response” parameter. Kindly refer to the decryption section.

JSON Format:

Success:

```
{
    "update_status":0,
    "error_desc": "",
    "error_code":""
}
```

Failure:

```
{
    "error_desc": "Referencenumber:InvalidParameter",
    "update_status":1,
    "error_code": "51316"
}
```

Note: You will have to decrypt the above response from “enc_response” parameter. Kindly refer to the decryption section.

String Format:

Success Format: update_status |

Example: 0 |

Failure Format: update_status | error_code | error_desc |

Example: 1 | 51316 | Reference number: Invalid Parameter |

Note: You will have to decrypt the above response from “enc_response” parameter. Kindly refer to the decryption section. 421=Unsupported version for the API call.

19. Bin Details

Bin Details call is performed to fetch the card details of bin.

Request Parameters

Name	Description	Note
enc_request (required)	AES encrypted request data.	
access_code (required)	Unique CCAvenue access code which is generated when merchant registered their IP address. You must send this with each request.	
request_type (required)	API requests are accepted in XML, JSON or String. Specify the request type.	Possible value for request_type is “XML” or “JSON” or “STRING”
response_type (optional)	API returns responses in XML, JSON or String format. If left blank, the response will be in the same format as the request.	Possible value for response_type is “XML” or “JSON” or “STRING”
Command (required)	Command value specifies the API calls. You must send this with each request.	Possible value for this API call is “binDetails”.
bin_number (required)	First 6 digits of card number (Bin number).	Numeric(6).

Example XML Request

```
<bin_details_query>
<bin_number>464042</bin_number>
</bin_details_query>
```

Note: You will have to encrypt the above request and store in the “enc_request” parameter before sending it to CCAvenue. Kindly refer to the encryption section.

Example JSONRequest

```
{'bin_number': '464042'}
```

Note: You will have to encrypt the above request and store in the “enc_request” parameter before sending it to CCAvenue. Kindly refer to the encryption section.

Example STRING Request

Format: bin_number|

Example: 464042|

Note: You will have to encrypt the above request and store in the “enc_request” parameter before sending it to CCAvenue. Kindly refer to the encryption section.

Response Parameters

Name	Description	Note
status	This states whether the call was successful or not. If the value of this parameter is “1” then you need not decrypt the enc_response as it will contain the plain error message.	Value “0” denotes that the API call was successful. Value “1” denotes API call failure. On enc_response is plain text representing the error message.
enc_response	AES encrypted response containing the format as per <i>response_type</i> .	
bin_number	Bin number that was sent in request.	Numeric(6).

card_name	Name of the card of the selected Bin number.	String Possible values, "Visa Debit Card", "MasterCard Debit Card", "Maestro Debit Card", "Amex", "Diners Club", "DISCOVER", "JCB", "MasterCard", "Visa"
card_type	Card type of the given bin number.	String Possible values: "OPTDBCRD", "OPTCRDC"
payment_option	Payment option for the card of the given bin number	String. Values : OPTCRD-credit card OPTDBCRD-debit card
issuing_bank	Name of the bank that issues the card of the given bin number	String
country	Country of the bank that issues the card of the given bin number Note this parameter is available only in xml and JSON response.	String
error_desc	Reason if API call does not find the record based on the given search criteria.	String. Please refer below table for failure message.
error_code	Error code for Failure.	String. Please refer below table for failure message.

Example XML Response

Success:

```
<?xml version='1.0' encoding='UTF-8'?>

<bin_details_Result>

    <bin_number>464042</bin_number>

    <card_name>Visa Debit Card</card_name>

    <card_type>DBCRD</card_type>

    <country>UNITED STATES</country>

    <error_code></error_code>

    <error_desc></error_desc>

    <issuing_bank>FLAGSTAR BANK FSB</issuing_bank>

    <payment_option>OPTDBCRD</payment_option>

</bin_details_Result>
```

Failure:

```
<?xml version='1.0' encoding='UTF-8'?>

<bin_details_Result>

    <error_code>52026</error_code>

    <error_desc>bin_number: Invalid Parameter</error_desc>

</bin_details_Result>
```

Example JSON

Response Success:

```
{
  "bin_details_Result": {
    "issuing_bank": "FLAGSTAR BANK FSB",
    "card_type": "DBCRD",
    "bin_number": "464042",
    "payment_option": "OPTDBCRD",
    "error_code": "UNITED STATES",
    "card_name": "Visa Debit Card",
    "country": "",
    "error_desc": ""
  }
}
```

Failure:

```
{
  "bin_details_Result": {
    "error_code": 52026,
    "error_desc": "bin_number: Invalid Parameter"
  }
}
```

Note: You will have to decrypt the above response from “enc_response” parameter. Kindly refer to the decryption section.

Example STRING

Response Success:

Format: Bin_number|Card_name|Card_type|Payment_option | Issuing_bank|Error_code|Error_desc

Example:

464042 | Visa Debit Card | DBCRD | OPTDBCRD | FLAGSTAR BANK FSB | |

Failure:

Example: ||||52026|bin_number: Invalid Parameter

Note: You will have to decrypt the above response from “enc_response” parameter. Kindly refer to the decryption section.

20. PayId Details

PayId Details API call is used to list transactions for a given PayId.

Request Parameters

Name	Description	Note
enc_request (required)	AES encrypted request data.	
access_code (required)	Unique CCAvenue access code which is generated when merchant registered their IP address. You must send this with each request.	
request_type (required)	API requests are accepted in XML, JSON or String. Specify the request type.	Possible value for request_type is “XML” or “JSON”

response_type (optional)	API returns responses in XML, JSON or String format. If left blank, the response will be in the same format as request.	Possible value for response_type is “XML” or “JSON”
Command (required)	Command value specifies the API calls. You must send this with each request.	Possible value for this API call is “payIdDetails”.
pay_id (required)	Provide the settlement Date to find the payouts list.	Numeric(25).
page_number (required)	A limited number of records are shared as part of the response. The total records & number of pages are shared as part of the response to enable subsequent calls.	Numeric(4).
no_of_records (required)	Number of records which are available in pages.	Numeric.

Example XML Request

```
<?xml version='1.0' encoding='UTF-8' standalone='yes'?>
```

```
<pay_id_details_query>
  <pay_id>XXXXX</pay_id>
  <page_number>1</page_number>
  <no_of_records>300</ no_of_records >
</pay_id_details_query>
```

Note: You will have to encrypt the above request and store in the “enc_request” parameter before sending it to CCAvenue. Kindly refer to the encryption section.

Example JSON Request

```
{
  'pay_id': 'XXXXX',
  'page_number': 1
  'no_of_records': 300
}
```

Note: You will have to encrypt the above request and store in the “enc_request” parameter before sending it to CCAvenue. Kindly refer to the encryption section.

Response Parameters

Name	Description	Note
status	This states whether the call was successful or not. If value of this parameter is "1" then you need not decrypt the enc_response as it will contain plain error message.	Value "0" denotes that the API call was successful. Value "1" denotes API call failure. On enc_response is plain text representing the error message.
enc_response	AES encrypted response containing format as per <i>response_type</i> .	
pay_id	Unique pay Id for payout.	Numeric (25).
Amount	Amount of transaction.	Decimal(12,2).
amt_payable	Payable amount for given transaction to merchant.	Decimal(12,2).
bank_ref_no	Bank reference number of aggregator bank.	Numeric(25).
bill_email	Customer email id for the transaction.	Alphanumeric with special characters (hyphen, underscore, dot,@)(70).
bill_name	Order billing name for the order.	Possible value for name is Alphanumeric with special characters (space, hyphen, apostrophe, underscore, dot)(60).
ccavenue_ref_no	CCAvenue reference no allocated to the transaction.	Numeric(25).
currency	Currency in which merchant processed the transaction.	String Examples: INR – Indian Rupee USD – United States Dollar SGD – Singapore Dollar GBP – Pound Sterling EUR – Euro, official currency of Eurozone

date_time	This is the latest date and time when order status is modified.	DateTime in IST(yyyy-MM-dd HH:mm:ss.SSS) format.
fees	Fee applied to process transaction by CCAvenue.	Decimal(12,2).
order_no	Order No for the transaction.	AlphaNumeric with special characters(hyphen and underscore)(30).
sub_acc_id	Unique Id for sub Account of merchant if provided for transaction	Alphanumeric with special characters (hyphen)(20).
tax	Sum of Taxes applied for the transaction.	Decimal(12,2).
txn_type	Type of transaction included in payouts.	String Example: Auto-Cancelled Cancelled MISC MSGCHRG Chargeback Refunded Shipped ASUC
order_option_type	Type of payment option.	String Example: OPTEMI OPTNBK OPTMOBP OPTIVRS OPTCASHC OPTDBCRD OPTCRDC OPTWLT OPTNEFT OPTUPI
page_count	Total pages available based on <i>no_of_records</i> in the request	Example: no_of_records sent in request was 100 total_records matching the lookup criteria were 1000 page_count will be 10 (total_records / no_of_records) rounded to the ceiling
total_records	Total no. of orders matching the lookup criteria	
error_desc	Reason if customer payment option is not going to be deleted successfully.	String. Please refer <u>below table</u> for failure message.
error_code	Error code for the Failure reason.	String. Please refer <u>below table</u> for failure message.

Example XML Response

Success:

```
<?xml version='1.0' encoding='UTF-8'?>

<pay_id_details_Result>
<error_code></error_code>
<error_desc></error_desc>
<pay_id>XXXXX</pay_id>
<page_count>X</page_count>
<total_records>XXX</total_records>
<pay_id_txn_details_list>
<pay_id_txn_details
amount="40.00" amt_payable="35.88" bank_ref_no="14525144XX217" bill_email=xx.xx@xxx.com
bill_name="Shashi" ccavenue_ref_no="2XX000170631" currency="INR"
date_time="2016-01-11 17:42:58.223" fees="3.60" order_no="296XX917" sub_acc_id="" tax="0.52"
order_option_type="OPTDBCRD" txn_type="Chargeback" />
</pay_id_txn_details_list>
</pay_id_details_Result>
```

Failure:

```
<?xml version='1.0' encoding='UTF-8'?>
<pay_id_details_Result>

<error_code>51419</error_code>
<error_desc>Enc_request: No record found for given criteria.</error_desc>
<pay_id>XXXXX</pay_id>
<page_count>0</page_count>
<total_records>0</total_records>
</pay_id_details_Result>
```

Note: You will have to decrypt the above response from “enc_response” parameter. Kindly refer to the decryption section.

Example JSON Response

Success:

```
{

"pay_id_details_Result":{"error_code":"","
"error_desc":"","pay_id":XXXXX,
"page_count":X,"total_records":XXX,
"pay_id_txn_details_list":{
"pay_id_txn_details"[]{
```

```
"amt_payable":35.88, "bill_email":"xx.xxx@xx.com", "fees":3.6, "bill_name":"Shashi", "order_no":29XX9917,
"currency":"INR", "amount":40, "tax":0.52, "ccavenue_ref_no":20XX00170631, "bank_ref_no":1452XXX407217,
"date_time":"2016-01-11 17:42:58.223", "order_option_type":"OPTDBCRD", "txn_type":"Chargeback",
"sub_acc_id":""
}}
}
}
}
```

Failure:

```
{
  "pay_id_details_Result":{
    "error_code":XXXXX,
    "error_desc":"pay_id: Invalid Parameter",
    "pay_id": XXXXX,
    "total_records":0,
    "page_count":0
  }
}
```

Note: You will have to decrypt the above response from “enc_response” parameter. Kindly refer to the decryption section.

21. Payouts Summary

Payouts Summary API call is used to list payouts summary for a merchant for a given settlement date.

Request Parameters

Name	Description	Note
enc_request (required)	AES encrypted request data.	
access_code (required)	Unique CCAvenue access code which is generated when merchant registered their IP address. You must send this with each request.	
request_type (required)	API requests are accepted in XML, JSON or String. Specify the request type.	Possible value for request_type is “XML” or “JSON”
response_type (optional)	API returns responses in XML, JSON or String format. If left blank, the response will be in the same format as request.	Possible value for response_type is “XML” or “JSON”
Command (required)	Command value specifies the API calls. You must send this with each request.	Possible value for this API call is “payoutSummary”.
settlement_date (required)	Provide the settlement Date to find the payouts list.	Date must be in IST(dd-mm-yyyy)format.

Example XML Request

```
<?xml version='1.0' encoding='UTF-8' standalone='yes'?>
<payout_summary_query>
    <settlement_date>01-02-2019</settlement_date>
</payout_summary_query>
```

Note: You will have to encrypt the above request and store in the “enc_request” parameter before sending it to CCAvenue. Kindly refer to the encryption section. **Example JSON Request**

```
{
    'settlement_date': '01-02-2019'
```

}

Note: You will have to encrypt the above request and store in the “enc_request” parameter before sending it to CCAvenue. Kindly refer to the encryption section.

Response Parameters

Name	Description	Note
status	This states whether the call was successful or not. If value of this parameter is “1” then you need not decrypt the enc_response as it will contain plain error message.	Value “0” denotes that the API call was successful. Value “1” denotes API call failure. On enc_response is plain text representing the error message.
enc_response	AES encrypted response containing format as per <i>response_type</i> .	
pay_amount	Payout amount for a payout.	Decimal(12,2).
pay_id	Unique pay Id for payout.	Numeric (25).
settlement_date	Date of settlement.	Date in IST(dd-mm-yyyy) format.
settlement_bank	Name of bank in which settlement done.	String.
settlement_currency	Currency in which settlement is done.	String. Examples: INR – Indian Rupee
trans_currency	Currency in which merchant processed the transaction.	String Examples: INR – Indian Rupee USD – United States Dollar SGD – Singapore Dollar GBP – Pound Sterling EUR – Euro, official currency of Eurozone
sub_acc_id	Unique sub account id for merchant if payouts done for sub account of merchant.	Alphanumeric with special characters (hyphen)(20).
utr_no	Unique id from bank against each payout id.	String.

error_desc	Reason if customer payment option is not going to be deleted successfully.	String Please refer <u>below table</u> for failure message.
error_code	Error code for Failure reason.	String Please refer <u>below table</u> for failure message.

Example XML Response

Success:

```
<?xml version='1.0' encoding='UTF-8'?>

<Payout_Summary_Result>

    <error_code></error_code>

    <error_desc></error_desc>

    <payout_summary_list>

        <payout_summary_details
            pay_amount="211.76"
            pay_Id="40907"
            settlement_date="19-01-2016"
            settlement_bank="KARUR VYSYA BANK"

            settlement_currency="INR" sub_acc_Id="split-1"
            trans_currency="INR"
            utr_no="1234567890" />

    </payout_summary_list>

</Payout_Summary_Result>
```

Failure:

```
<?xml version='1.0' encoding='UTF-8'?>

<Payout_Summary_Result>

    <error_code>51419</error_code>

    <error_desc>Enc_request: No record found for given criteria.
```

</error_desc>

</Payout_Summary_Result>

Note: You will have to decrypt the above response from “enc_response” parameter. Kindly refer to the decryption section.

Example JSON Response

Success:

```
{  
  "Payout_Summary_Result":{  
    "error_code": "",  
    "error_desc": "",  
    "payout_summary_list":{  
      "payout_summary_details":[{  
        "settlement_bank": "KARUR VYSYA BANK",  
        "pay_amount": 211.76,  
        "trans_currency": "INR",  
        "pay_id": 40907,  
        "sub_acc_id": "split-1",  
        "settlement_date": "19-01-2016",  
        "settlement_currency": "INR",  
        "utr_no": "1234567890"  
      }]  
    }  
  }  
}
```

Failure:

```
{
```



```

    "Payout_Summary_Result":{

    "error_code":52014,

    "error_desc":"payout_date: Required parameter missing"

    }

}

```

Note: You will have to decrypt the above response from “enc_response” parameter. Kindly refer to the decryption section.

22. Refund Details API:

The getRefundDetails API call can be used to fetch refund information of the particular transaction.

Sample request

enc_request=63957FB55DD6E7B968A7588763E08B240878046EF2F520C44BBC63FB9CCE726209A4734877
F5904445591304ABB2F5E58B951E39EAFB9A24584B00590ADB077ADE5E8C444EAC5A250B1EA96F68D22E
44EA2515401C2CD753DBA91BD0E7DFE7341BE1E7B7550&**access_code**=8JXENNSSBEZCU8KQ&**command**
= **getRefundDetails**&**request_type**=XML&**response_type**=XML&**version**=1.1

Request Parameters

Name	Description	Note
enc_request (required)	AES encrypted request data	
access_code (required)	This is the access code for your application. You must send this with each request.	
request_type (required)	API requests are accepted in XML, JSON or String formats. Specify the request type.	Value is “XML” or “JSON” or “STRING”.
response_type (optional)	API returns XML, JSON or String responses. If left blank, the response will be in the same format as request.	Value is “XML” or “JSON” or “STRING”.

command <i>(required)</i>	This is the command to access the API Calls. You must send this with each request.	Value is “getRefundDetails”
reference_no <i>(required)</i>	Unique CCAvenue reference number for the transaction.	Numeric (25)

Example XML Request

```
<?xml version='1.0' ?>
  <RefundDetails_Query
reference_no='123456789012'> </RefundDetails_Query>
```

Example JSON Request

```
{'reference_no': '123456789012'}
```

Example STRING Request

Format: reference_no |

Example: 123456789012 |

Note: You will have to encrypt the above request and store in the “enc_request” parameter before sending it to CCAvenue. Kindly refer to the encryption section.

Response Parameters

Name	Description	Note
status	This states whether the call was successful or not. If value of this parameter is “1” then you need not decrypt the enc_response as it will contain the plain error message.	Value “0” denotes that the API call was successful. Value “1” denotes API call failure. On enc_response is plain text that represents the error message.
enc_response	AES encrypted response containing format as per <i>response_type</i>	
error_desc	Reason if API call fails.	String Please refer to the below table for failure message.
error_code	Error code for Failure reason.	String Please refer to the below table for failure message.
reference_no	Unique CCAvenue reference number for the transaction.	Numeric (25)
order_no	Order No for the transaction.	Alphanumeric with special characters (hyphen and underscore) (30).
order_curr	Possible Order Currency in which merchant processed the transaction.	String Examples: INR – Indian Rupee USD – United States Dollar SGD – Singapore Dollar GBP – Pound Sterling EUR – Euro, official currency of Eurozone
order_amt	Amount for the transaction.	Decimal (12,2).
order_status	Status of the order. It can be single or multiple.	String Possible values are: Auto-Reversed (Two identical transactions for same order number, both were successful at bank's end but we got response for only one of them, then next day during reconciliation we mark one of the

		transaction as auto reversed, or we mark transaction as Auto-Reversed if merchant Instant Gratification setting is Yes) Cancelled (Transaction is cancelled by merchant) Refunded (Transaction amount is refunded) Auto-Cancelled (Transaction was not confirmed in given time)
refund_amt	Transaction amount that was refunded. Amount can be full or partial of the transaction amount.	Decimal (12,2).
refund_issue_date	Refund Issue Date &Time.	DateTime in IST (yyyy-MM-dd HH:mm:ss.SSS) format.
refund_processed_on	Latest refund process Date &Time.	DateTime in IST (yyyy-MM-dd HH:mm:ss.SSS) format.
refund_completion_date	Refund Completion Date &Time.	DateTime in IST (yyyy-MM-dd HH:mm:ss.SSS) format.
refund_bank_ref_no	Reference number shared by Bank after refund.	Alphanumeric (25)
refund_mer_ref_no	Reference number shared by merchant at the time of refund.	Alphanumeric (30)
refund_status	Status of issued refund.	TS-REFC: Refund Confirmed TS-REFA: Refund Awaited TS-REFF: Refund Failed TS-REFD: Refund Declined

Successful Response

XML Response:

```
<?xml version='1.0' encoding='UTF-8'?>
<refund_details_Result error_code=""
    error_desc=""
    order_amt="10.00"
```

```

order_curr="INR"
order_no="06333954"
order_status="Refunded"
reference_no="203000111377">
  <refund_list>
    <RefundDetails refund_amt="1.00"
      refund_bank_ref_no="2492"
      refund_completion_date="2014-09-12 15:12:07.77"
      refund_issue_date="2014-09-12 15:11:07.877"
      refund_mer_ref_no="A1"
      refund_processed_on=""
      refund_status="TS-REFC" />
    <RefundDetails refund_amt="1.00"
      refund_bank_ref_no="2493"
      refund_completion_date="2014-09-12 15:12:10.413"
      refund_issue_date="2014-09-12 15:11:13.99"
      refund_mer_ref_no="A2"
      refund_processed_on=""
      refund_status="TS-REFC" />
  </refund_list>
</refund_details_Result>

```

JSON Response:

```

{
  "refund_list": [{
    "refund_amt": "1.00",
    "refund_issue_date": "2014-09-12 15:11:07.877",
    "refund_processed_on": "",
    "refund_completion_date": "2014-09-12 15:12:07.77",
    "refund_bank_ref_no": "2492",
    "refund_mer_ref_no": "A1",
    "refund_status": "TS-REFC"
  },
  {
    "refund_amt": "1.00",
    "refund_issue_date": "2014-09-12 15:11:13.99",
    "refund_processed_on": "",
    "refund_completion_date": "2014-09-12 15:12:10.413",
    "refund_bank_ref_no": "2493",
    "refund_mer_ref_no": "A2",
    "refund_status": "TS-REFC"
  }
],
  "reference_no": "203000111377",
  "order_no": "06333954",
  "order_amt": "10.00",
  "order_curr": "INR",
  "order_status": "Refunded",
  "error_desc": "",
  "error_code": ""
}

```

String Response:**Format:**

error_code|error_desc|reference_no|order_no|order_curr|order_amt|order_status|refund_amt|refund_issue_date|refund_processed_on|refund_completion_date|refund_bank_ref_no|refund_mer_ref_no|refund_status|

| | 203000111377|06333954|INR|10.00|Refunded|1.00|2014-09-12 15:11:07.877| | 2014-09-12 15:12:07.77|2492|A1|TS-REFC^1.00|2014-09-12 15:11:13.99| | 2014-09-12 15:12:10.413|2493|A2|TS-REFC|

Note: You will have to decrypt the above response from “enc_response” parameter. Kindly refer to the decryption section.

Failure Response:**XML Response:**

```
<?xml version='1.0' encoding='UTF-8'?>
<refund_details_Result
    error_code="51419"
    error_desc="Enc_request: No record found for given criteria."
    order_amt=""
    order_curr=""
    order_no=""
    order_status=""
    reference_no="123456789012"
/>
```

JSON Response:

```
{
    "reference_no": "123456789012",
    "order_no": "",
    "order_amt": "",
    "order_curr": "",
    "order_status": "",
    "error_desc": "Enc_request: No record found for given criteria.",
    "error_code": "51419"
}
```

String Response:**Format:**

error_code|error_desc|reference_no|order_no|order_curr|order_amt|order_status|refund_amt|refund_issue_date|refund_processed_on|refund_completion_date|refund_bank_ref_no|refund_mer_ref_no|refund_status|

51419|Enc_request: No record found for given criteria.|123456789012| || || ||

23. getSettlementDetails :- – The getSettlementDetails call is use to get the Settlement details such paid ,UtrNo and settlement date. It works on XML and JSON request format only and version 1.2

Sample request

enc_request=63957FB55DD6E7B968A7588763E08B240878046EF2F520C44BBC63FB9CCE726209A4734877F5904445591304ABB2F5E58B951E39EAFB9A24584B00590ADB077ADE5E8C444EAC5A250B1EA96F68D22E44EA2515401C2CD753DBA91BD0E7DFE7341BE1E7B7550&**access_code**=8JXENNSSBEZCU8KQ&**command**=getSettlementDetails &**request_type**=XML&**response_type**=XML&**version**=1.2

Request Parameter

Name	Description	Note
enc_request (required)	AES encrypted request data	
access_code (required)	This is the access code for your application. You must send this with each request.	
request_type (required)	API requests are accepted in XML, JSON or String formats. Specify the request type.	Value is “XML” or “JSON” .
response_type (optional)	API returns XML, JSON or String responses. If left blank, the response will be in the same format as request.	Value is “XML” or “JSON”
command (required)	This is the command to access the API Calls. You must send this with each request.	Value is “getSettlementDetails”
reference_no (required)	Unique CCAvenue reference number for the transaction.	Numeric (12)

Response Parameter

Name	Description	Note
enc_response	AES encrypted response containing format as per <i>response_type</i>	
error_desc	Reason if API call fails.	String Please refer to the below table for failure message.
error_code	Error code for Failure reason.	String Please refer to the below table for failure message.
reference_no	Unique CCAvenue reference number for the transaction.	Numeric (25)
Pay_Id	Unique pay Id for payout.	Numeric(25)
Utr_no	Unique id from bank against each payout id.	String
Settlement_date	Date of Settlement	Date in IST(dd-mm-yyyy)

Following are the request and response formats...

1. XML request format:

```
<?xml version='1.0' ?>
<SettlementDetails_Query reference_no='109810375484'>
</SettlementDetails_Query>
```

XML response format:

```
<?xml version='1.0' ?><SettlementDetails_Query order_no='
reference_no='109810375484'></SettlementDetails_Query>
<?xml version='1.0' encoding='UTF-8'?>
<Settlement_Details_Result>
<error_code></error_code>
<error_desc></error_desc>
<settlement_details_list><settlement_details pay_Id="485807528" settlement_date="2020-03-31"
utr_no="CMS1450654388"/>
</settlement_details_list>
</Settlement_Details_Result>
```

2. Json request format:


```
{'reference_no': '109810375484'}
```

Json response format:

```
{"Settlement_Details_Result":  
{"settlement_details_list":  
"settlement_details":  
{"settlement_date": "2020-03-31", "utr_no": "CMS1450654388", "pay_id": "485807528"},  
"error_desc": "",  
"error_code": ""}}
```

24. Consolidate Payout Summary

ConsolidatePayouts Summary API call is used to list payouts summary for a merchant for a given settlement date.

Request Parameters

Name	Description	Note
enc_request (required)	AES encrypted request data.	
access_code (required)	Unique CCAvenue access code which is generated when merchant registered their IP address. You must send this with each request.	
request_type (required)	API requests are accepted in XML, JSON or String. Specify the request type.	Possible value for request_type is “XML” or “JSON”
response_type (optional)	API returns responses in XML, JSON or String format. If left blank, the response will be in the	Possible value for response_type is “XML” or “JSON”

	same format as request.	
Command (required)	Command value specifies the API calls. You must send this with each request.	Possible value for this API call is “ consolidatepayoutSummary ”.
settlement_date (required)	Provide the settlement Date to find the payouts list.	Date must be in IST(dd-mm-yyyy)format.

Example XML Request

```
<?xml version='1.0' encoding='UTF-8' standalone='yes'?>
<Consolidatepayout_summary_query>
    <settlement_date>01-02-2019</settlement_date>
</Consolidatepayout_summary_query>
```

Note: You will have to encrypt the above request and store in the “enc_request” parameter before sending it to CCAvenue. Kindly refer to the encryption section. **Example JSON Request**

```
{
    'settlement_date': '01-02-2019'
}
```

Note: You will have to encrypt the above request and store in the “enc_request” parameter before sending it to CCAvenue. Kindly refer to the encryption section.

Response Parameters

Name	Description	Note
status	This states whether the call was successful or not. If value of this parameter is “1” then you need not decrypt the enc_response as it will contain plain error message.	Value “0” denotes that the API call was successful. Value “1” denotes API call failure. On enc_response is plain text representing the error message.
enc_response	AES encrypted response containing format as per <i>response_type</i> .	
account_no	Account number for payout	numeric(25)

ifsc_code	Ifsc code of bank	
pay_amount	Payout amount for a payout.	Decimal(12,2).
pay_id	Unique pay Id for payout.	Numeric (25).
settlement_date	Date of settlement.	Date in IST(dd-mm-yyyy)
		format.
settlement_bank	Name of bank in which settlement done.	String.
settlement_currency	Currency in which settlement is done.	String. Examples: INR – Indian Rupee
trans_currency	Currency in which merchant processed the transaction.	String Examples: INR – Indian Rupee USD – United States Dollar SGD – Singapore Dollar GBP – Pound Sterling EUR – Euro, official currency of Eurozone
sub_acc_id	Unique sub account id for merchant if payouts done for sub account of merchant.	Alphanumeric with special characters (hyphen)(20).
utr_no	Unique id from bank against each payout id.	String.
error_desc	Reason if customer payment option is not going to be deleted successfully.	String Please refer below table for failure message.
error_code	Error code for Failure reason.	String Please refer below table for failure message.

Example XML Response

Success:

```
<?xml version='1.0' encoding='UTF-8'?>

<ConsolidatePayout_Summary_Result>

    <error_code></error_code>

    <error_desc></error_desc>


    <Consolidatepayout_summary_list>

        <Consolidatepayout_summary_details
            account_no="784857445"
            ifsc_code="HDFC000060"
            pay_amount="211.76"
            pay_Id="40907"
            settlement_date="19-01-2016"
            settlement_bank="KARUR VYSYA BANK"
            sub_acc_id=" "

            settlement_currency="INR" sub_acc_Id="split-1"
            trans_currency="INR"
            utr_no="1234567890" />

        <Consolidatepayout_summary_details
            account_no="784857445"
            ifsc_code="HDFC000060"
            pay_amount="211.76"
            pay_Id="0"
            settlement_date="19-01-2016"
            settlement_bank="KARUR VYSYA BANK"
            sub_acc_id=""

            settlement_currency="INR" sub_acc_Id="split-1"
            trans_currency="INR"
            utr_no="1234567890" />

    </Consolidatepayout_summary_list>

</ConsolidatePayout_Summary_Result>
```

Failure:

```
<?xml version='1.0' encoding='UTF-8'?>

<ConsolidatePayout_Summary_Result>

    <error_code>51419</error_code>
```

<error_desc>Enc_request: No record found for given criteria.

</error_desc>

</ConsolidatePayout_Summary_Result>

Note: You will have to decrypt the above response from “enc_response” parameter. Kindly refer to the decryption section.

Example JSON Response

Success:

```
{  
  "ConsolidatePayout_Summary_Result":{  
    "error_code": "",  
    "error_desc": "",  
    "Consolidatepauyout_summary_list":{  
      "Consolidatepauyout_summary_details":[{  
        "account_no": "784857445",  
        "ifsc_code": "HDFC000060",  
        "settlement_bank": "KARUR VYSYA BANK",  
        "pay_amount": 211.76,  
        "trans_currency": "INR",  
        "pay_id": 40907,  
        "sub_acc_id": "split-  
1", "settlement_date": "19-01-2016",  
        "settlement_currency": "INR",  
        "utr_no": ""  
      }],  
      "Consolidatepauyout_summary_details":[{  
        "account_no": "784857445",  
        "ifsc_code": "HDFC000060",  
        "settlement_bank": "KARUR VYSYA BANK",  
        "pay_amount": 211.76,  
        "trans_currency": "INR",  
        "pay_id": "0",  
        "sub_acc_id": "split-1",  
        "settlement_date": "19-01-2016",  
        "settlement_currency": "INR",
```

"utr_no":""

}

}

}

Failure:

{

"ConsolidatePayout_Summary_Result":{

"error_code":52014,

"error_desc":"payout_date: Required parameter missing"

}

}

Note: You will have to decrypt the above response from “enc_response” parameter. Kindly refer to the decryption section.

25. ConsolidateSettlementDetails

ConsolidateSettlementDetails API call is used to list Settlement Details for a merchant for a given Order Number And Reference Number.

Request Parameters

Name	Description	Note
enc_request (required)	AES encrypted request data.	
access_code (required)	Unique CCAvenue access code which is generated when merchant registered their IP address. You must send this with each request.	
request_type (required)	API requests are accepted in XML, JSON or String. Specify the request type.	Possible value for request_type is “XML” or “JSON”
response_type (optional)	API returns responses in XML, JSON or String format. If left blank, the response will be in the	Possible value for response_type is “XML” or “JSON”

	same format as request.	
Command (required)	Command value specifies the API calls. You must send this with each request.	Possible value for this API call is “ConsolidateSettlementDetail
Order Number	Provide the Order Number to find the	

(required)	ConsolidateSettlementDetails	Order number should be numeric
Reference Number	Provide the Reference Number to find the	
(required)	ConsolidateSettlementDetails	Reference number should be numeric

xml request-

```
<?xml version='1.0' ?><ConsolidateSettlementDetails_Query> order_no='53889594'
reference_no='53889594' ></ConsolidateSettlementDetails_Query>
```

Note: You will have to encrypt the above request and store in the “enc_request” parameter before sending it to CCAvenue. Kindly refer to the encryption section. **Example JSON Request**

```
{
  'Order Number': '53889594'
  'Reference Number': ' 53889594'
}
```

Note: You will have to encrypt the above request and store in the “enc_request” parameter before sending it to CCAvenue. Kindly refer to the encryption section.

Response Parameters

Name	Description	Note
status	This states whether the call was successful or not. If value of this parameter is “1” then you need not decrypt the enc_response as it will contain plain error message.	Value “0” denotes that the API call was successful. Value “1” denotes API call failure. On enc_response is plain text representing the error message.
enc_response	AES encrypted response containing format as per <i>response_type</i> .	
pay_Id	Unique pay Id for payout.	Numeric (25).
settlement_date	Date of settlement.	Date in IST(dd-mm-yyyy)
utr_no	Unique id from bank against each payout	String utr_no
error_desc	Reason if customer payment option is not going to be deleted successfully.	String Please refer below table for failure message.
error_code	Error code for Failure reason.	String

		Please refer below table for failure message.
--	--	---

XML Response Data

```
<?xml version='1.0' encoding='UTF-8'?><ConsolidateSettlement_Details_Result><error_code></error_code><error_desc></error_desc><Consolidatesettlement_details_list><Consolidatesettlement_details pay_Id="711304" settlement_date="2020-03-12" utr_no=""/>pay_Id="0" settlement_date="2020-03-12" utr_no=""/></Consolidatesettlement_details_list></ConsolidateSettlement_Details_Result>
```

Failure:

```
<?xml version='1.0' encoding='UTF-8'?><ConsolidateSettlement_Details_Result><error_code>51419</error_code><error_desc>Enc_request: No record found for given criteria.</error_desc></ConsolidateSettlement_Details_Result>
```

Note: You will have to decrypt the above response from “enc_response” parameter. Kindly refer to the decryption section.

Example JSON Response

Success:

```
{  "ConsolidateSettlement_Details_Result":{    "error_code": "",    "error_desc": "",    "Consolidatesettlement_details_list":{      "Consolidatesettlement_details":[{        "pay_Id":40907,
```



```
        "settlement_date":"19-01-2016",
        "utr_no"=""
    },

    "Consolidatesettlement_details":[{"pay_id":0, "settlement_date":"19-01-2016",
        "utr_no"=""
    }
    ]
}
```

Failure:

```
{
    "ConsolidateSettlement_Details_Result":{
        "error_code":51002,
        "error_desc":"Reference Number: Invalid Parameter"
    }
}
```

Note: You will have to decrypt the above response from “enc_response” parameter. Kindly refer to the decryption section.

Note: - Error Message when API status is “1”.

Error_code	Short Description	Long Description	Message
51401	Missing Parameter	Request_type: Required Parameter is Missing	“Ensure that request_type parameter is not blank.”
51402	Missing Parameter	Command: Required parameter missing	“Ensure that Command parameter is not blank.”
51403	Missing Parameter	Access_code: Required Parameter is Missing	“Ensure that access_code parameter is not blank.”
51404	Invalid Parameter	Request Type: Invalid Parameter	“Ensure that Request Type parameter value is only XML/JSON/STRING.”
51405	Invalid Parameter	Response Type: Invalid Parameter	“Ensure that Response Type parameter value is only XML/JSON/STRING.”
51407	Invalid Parameter	Access_code: Invalid Parameter	“You are not allowed to perform this operation.”
51408	Missing Parameter	Enc_request: Required parameter missing	“Ensure that enc_request parameter is not blank.”
51410	Invalid Parameter	Command: Invalid Parameter	“Ensure that the command name is not invalid. Please refer API document for valid command.”
51411	Invalid Parameter	JSON request format: Invalid Parameter format	“Ensure that the JSON request format is not invalid. Please refer API document for the API call.”
51412	Invalid Parameter	XML request format: Invalid Parameter format	“Ensure that XML request format is not invalid. Please refer API document for the API call.”
51413	Invalid Parameter	STRING request format: Invalid Parameter format	“Ensure that STRING request format is not invalid. Please refer API document for the API call.”
51419	Invalid Parameters	Enc_request: No record found for given	“No records were found for given search

		criteria.	criteria.”
51420	Invalid Parameters	Enc_request:Unabletoprocess request	“Unable to process your request for the API call.”
51421	Invalid Parameter	API version: Invalid Parameter	“Pleaseuseonlysupportedversionfor the API call.”
-1	Invalid Parameter	Enc_request: Invalid Request	"Ensure that Request parameter isnot invalid."

Note: Failure Reason for API call

Error_code	Short Description	Long Description	Reason /Error_desc	Applicable to
51001	Missing Parameter	Reference Number: Required parameter missing	“Ensurethatthe Reference Number parameter is not blank.”	Confirm, Cancel, Refund, Status, UpdateBillingDetails, UpdateMerchantParams, InvoiceLookUp,
51002	Invalid Parameter	Reference Number: Invalid Parameter	“Ensurethatthe Reference Number parameter is numeric.”	Confirm, Cancel, Refund, Status, OrderLookUp, UpdateBillingDetails, UpdateMerchantParams, InvoiceLookUp, GetPendingOrders
51003	Invalid Parameter	Reference Number: Invalid Parameter	“Ensurethatthe Reference Number parameter does notexceed 25 characters.”	Confirm, Cancel, Refund, Status, OrderLookUp, UpdateBillingDetails, UpdateMerchantParams, InvoiceLookUp, GetPendingOrders
51004	Invalid Parameter	Reference number/Order number: Invalid Parameter	“Ensure that reference number/ordernumberis provided.”	Status
51006	Missing Parameter	Start/From Date: Required parameter missing	“Ensure that start/fromdateis provided.”	OrderLookUp
51007	Invalid Parameter	Start/From Date: Invalid Parameter	“Ensure that Start/From date is in <u>dd-mm-yyyy</u> format.”	OrderLookUp
51008	Invalid Parameter	End/To Date: Invalid Parameter	“Ensure that End/To date is in <u>dd- mm-yyyy</u> format.”	OrderLookUp

51009	Missing Parameter	Mobile number: Required parameter missing	"Ensure that Mobile Number parameter is not blank."	GenerateQuickInvoice, GenerateRecurringInvoice, GenerateInvoice, Order Lookup
51010	Invalid Parameter	Mobilenummer:Invalid Parameter	"Ensure that Mobile number parameter contains 10 digits."	InvoiceLookup, GenerateQuickInvoice, GenerateRecurringInvoice, GenerateInvoice, GetPendingOrders, OrderLookup
51011	Missing Parameter	Emailid:Required parameter missing	"Ensure that Email id is provided."	GenerateQuickInvoice, GenerateRecurringInvoice
51012	Invalid Parameter	Email id: Invalid Parameter	"Ensure that onlyletters, numbers, hyphen, dot, one @ and underscore are provided for Email id parameter."	InvoiceLookup, GenerateQuickInvoice, GenerateRecurringInvoice, GetPendingOrders, Order Lookup
51013	Invalid Parameter	Email id: Invalid Parameter	"Ensure that Email id parameter doesnot exceed 70characters."	InvoiceLookup, GenerateQuickInvoice, GenerateRecurringInvoice, GetPendingOrders
51014	Missing Parameter	Amount: Required parameter missing	"Ensure that Amount parameter is not blank."	GenerateQuickInvoice, GenerateRecurringInvoice, GenerateInvoice, Refund Order
51015	Invalid Parameter	Amount: Invalid Parameter	"Ensure that the Amount parameter is in Decimal."	Confirm, Cancel, Refund, OrderLookup, InvoiceLookup,
51017	Invalid Parameter	Order Number: Invalid Parameter	"Ensure only letters, numbers, hyphen and underscore are provided for Order Number parameter."	Status, GetPendingOrders, OrderLookup
51018	Invalid Parameter	Order Number: Invalid Parameter	"Ensure that Order Number parameter does notexceed 30 characters."	Status, GetPendingOrders, OrderLookup
51020	Invalid Parameter	Minimum amount: Invalid Parameter	"Ensure that Minimum amount parameter has Decimal value."	Order Lookup
51022	Invalid Parameter	Maximum amount: Invalid Parameter.	"Ensure that Maximum amount parameter ghas decimal value."	Order Lookup

51023	Missing Parameters	Page Number: Required Parameter missing	"Ensurethat Page Number parameter isnot blank."	Order Lookup
51024	Invalid Parameter	Page Number: Invalid Parameter	"Ensure that Page Number parameter is greater than zero."	Order Lookup
51026	Invalid Parameter	Invoice id: Invalid Parameter	"Ensure that invoice id parameter is numeric."	Invoice Lookup
51027	Invalid Parameter	Invoice id: Invalid Parameter	"Ensure that invoice id parameter parameter does not exceed 30 characters."	Invoice Lookup
51028	Invalid Parameter	Invoice Number: Invalid Parameter	"Ensure that only letters, number hyphen and underscore are provided for invoice Number parameter."	Order Lookup
51029	Invalid Parameter	Invoice Number: Invalid Parameter	"Ensure tha Invoice number parameter does notexceed 30 characters."	Invoice Lookup
51031	Invalid Parameter	Invoice type: Invalid Parameter	"Ensure that values for invoice type parameter are TASK/ITEM."	InvoiceLookUp,
51032	Missing Parameter	Currency: Required parameter missing	"Ensurethat Currency parameteris not blank."	GenerateQuickInvoice, GenerateRecurringInvoice, GenerateInvoice
51033	Invalid Parameter	Currency: Invalid Parameter	"EnsurethatCurrencyis assignedto the merchant."	GenerateQuickInvoice, GenerateRecurringInvoice, GenerateInvoice
51034	Missing Parameter	Valid for: Required parameter missing	"Ensure that'validfor' parameteris not blank."	GenerateQuickInvoice, GenerateRecurringInvoice, GenerateInvoice

51035	Invalid Parameter	Valid for: Invalid Parameter	"Ensure that 'validfor' parameter is Numeric."	GenerateQuickInvoice, GenerateRecurringInvoice, GenerateInvoice
51036	Invalid Parameter	Valid for: Invalid Parameter	"Ensure that 'valid for' parameter does not exceed 4 digits."	GenerateQuickInvoice, GenerateRecurringInvoice, GenerateInvoice
51037	Missing Parameter	Valid type: Required parameter missing	"Ensure that valid type parameter value is not blank."	GenerateQuickInvoice, GenerateRecurringInvoice, GenerateInvoice
51038	Invalid Parameter	Valid type: Invalid Parameter	"Ensure that values for valid type parameter are days/hours/minutes."	GenerateQuickInvoice, GenerateRecurringInvoice, GenerateInvoice
51039	Missing Parameter	Bill delivery type: Required parameter missing	"Ensure that bill delivery Type parameter is not blank."	GenerateQuickInvoice
51040	Invalid Parameter	Bill delivery type: Invalid Parameter	"Ensure that value for bill delivery type parameter is SMS/EMAIL."	GenerateQuickInvoice
51041	Missing Parameter	Name: Required parameter missing	"Ensure that Name parameter is not blank."	UpdateBillingDetails, GenerateQuickInvoice, GenerateRecurringInvoice
51042	Invalid Parameter	Name: Invalid Parameter	"Ensure that only letters, space, dot, underscore, hyphen and single apostrophe are provided for Name parameter."	UpdateBillingDetails, GenerateQuickInvoice, GenerateRecurringInvoice, PendingOrder
51043	Invalid Parameter	Name: Invalid Parameter	"Ensure that Name parameter does not exceed 60 characters."	UpdateBillingDetails, GenerateQuickInvoice, GenerateRecurringInvoice, PendingOrder
51044	Missing Parameter	Address: Required parameter missing	"Ensure that Address parameter is not blank."	UpdateBillingDetails

51045	Invalid Parameter	Address: Invalid Parameter	"Ensure only letters, numbers, space, hyphen, comma, ampersand, hash, circularbracketsanddotare providedforAddress parameter."	UpdateBillingDetails
51046	Invalid Parameter	Address: Invalid Parameter	"Ensure that Address parameter doesnot exceed315characters."	UpdateBillingDetails
51047	Missing Parameter	City: Required parameter missing	"Ensure that City parameter is not blank."	Missing Mer_charge_reference_number, UpdateBillingDetails
51048	Invalid Parameter	City: Invalid Parameter	"Ensure that only numbers, letters, space, comma, hyphen and dot are provided for City parameter."	UpdateBillingDetails
51049	Invalid Parameter	City: Invalid Parameter	"Ensurethat City parameter does not exceed30 characters."	UpdateBillingDetails
51050	Missing Parameter	Zip/PINcode:Required parameter missing	"Ensure that Zip/PIN code parameter is not blank."	UpdateBillingDetails
51051	Invalid Parameter	Zip/PIN code: Invalid Parameter	"Ensure that only letters, numbers, hyphen and space are provided for Zip/PIN code parameter."	UpdateBillingDetails
51052	Invalid Parameter	Zip/PIN code: Invalid Parameter	"Ensure that Zip/PIN code parameter doesnot exceed 15 characters."	UpdateBillingDetails
51053	Missing Parameter	State: Required parameter missing	"Ensure that State parameter is not blank."	UpdateBillingDetails
51054	Invalid Parameter	State: Invalid Parameter	"Ensure that only letters, hyphen, dot and space are providedfor State parameter."	UpdateBillingDetails
51055	Invalid Parameter	State: Invalid Parameter	"Ensurethat State parameter does not exceed30 characters."	UpdateBillingDetails

51056	Missing Parameter	Country : Required parameter missing	"Ensure that Country Code parameter is not blank."	UpdateBillingDetails
51057	Invalid Parameter	Country: Invalid Parameter	"Ensure that only letters and space are allowed for Country Code parameter."	UpdateBillingDetails
51058	Invalid Parameter	Country: Invalid Parameter	"Ensure that Country Code parameter does not exceed 30 characters."	UpdateBillingDetails
51059	Missing Parameter	Customerid: Required parameter missing	"Ensure that Customer id parameter is not blank."	GetCustomerPaymentOptions, DeleteCustomerPaymentOption, DeleteCustomer, Customer payment option, Add customer payment option
51060	Invalid Parameter	Customer id: Invalid Parameter	"Ensure that only letters and number are provided for Customer id parameter."	GetCustomerPaymentOptions, Add customer payment option DeleteCustomerPaymentOption, DeleteCustomer
51061	Invalid Parameter	Customer id: Invalid Parameter	"Ensure that Customer id parameter does not exceed 25 digits."	GetCustomerPaymentOptions, DeleteCustomerPaymentOption, DeleteCustomer, Customer payment option, Add customer payment option
51062	Missing Parameter	Customercardid: Required parameter missing	"Ensure that Customer card id is not blank."	DeleteCustomerPaymentOption
51063	Invalid Parameter	Customer card id: Invalid Parameter	"Ensure that only numbers are provided for Customercardid parameter."	DeleteCustomerPaymentOption
51064	Invalid Parameter	Customer card id: Invalid Parameter	"Ensure that Customer cardid parameter does not	DeleteCustomerPaymentOption

			exceed 25 characters.”	
51065	Missing Parameter	Parameter value: Required parameter missing	“Ensurethat Merchant Paramsvalue is notblank.”	UpdateMerchantParams
51066	Invalid Parameter	Parametervalue: Invalid Parameter	“Ensurethat Alphanumeric, comma, hyphen,backslash anddotare provided for parameters Value.”	UpdateMerchantParams
51067	Invalid Parameter	Parametervalue: Invalid Parameter	“Ensurethat Parameter valuedoes notexceed 100 characters.”	UpdateMerchantParams
51068	Missing Parameter	Bill id: Required parameter missing	“Ensure that Billid parameter is not blank.”	UpdateInvoiceReferenceN umber, Updatemerchantreference numbe r
51069	Invalid Parameter	Bill id: Invalid Parameter	“Ensure that Billid parameter isa numeric value greater than zero.”	UpdateInvoiceReference Number, InvoiceLookUp, Updatemerchantreferenc enumbe r
51070	Invalid Parameter	Bill id: Invalid Parameter	“Ensure that Bill id parameter does not exceed 25 characters.”	UpdateInvoiceReferenceNu mber, InvoiceLookUp
51071	Missing Parameter	Merchant reference number: Required parameter missing	“Ensurethatmerchant Reference Number is not blank.”	UpdateInvoiceReferenceNu mber,
51072	Invalid Parameter	Merchant reference number: Invalid Parameter	“Ensure that only letters, numbers, hyphen and underscore are provided for merchant Reference number parameter.”	UpdateInvoiceReferenceNu mber, GenerateRecurringInvoic e, GenerateInvoice
51073	Invalid Parameter	Merchant reference number: Invalid Parameter	“Ensure that Merchant reference number parameter does not exceed 25 characters.”	UpdateInvoiceReferenceNu mber, GenerateRecurringInvoic e, GenerateInvoice
51074	Missing Parameter	SMS Content: Required parameter missing	“Ensurethat SMS Content parameter isnot blank.”	GenerateRecurringInvoice, GenerateInvoice

51075	Missing Parameter	SMS Content: Required parameter missing	"Ensurethat'Basicplace holders in SMS Content' parameter is not blank."	GenerateRecurringInvoice, GenerateInvoice
51076	Invalid Parameter	SMS Content: Invalid Parameter	"Ensurethat SMScontent parameter does not exceed 500 Characters."	GenerateRecurringInvoice, GenerateInvoice
51077	Missing Parameter	Emailsubject:Required parameter missing	"Ensurethat EmailSubject parameter isnot blank."	GenerateQuickInvoice, GenerateRecurringInvoice, GenerateInvoice
51078	Invalid Parameter	Email subject: Invalid Parameter	"Ensure that Email subject parameter contains only letters, numbers,hyphens, dot, spaceand underscores."	GenerateQuickInvoice, GenerateRecurringInvoice, GenerateInvoice
51079	Invalid Parameter	Email subject: Invalid Parameter	"Ensure that Email subject parameter does notexceed 100 characters."	GenerateQuickInvoice, GenerateRecurringInvoice, GenerateInvoice
51080	Invalid Parameter	Email Description: Invalid Parameter	"Ensure that Email Description parameter contains only letters, numbers,hyphen, dot,circular brackets, space, comma, underscore, hash and ampersand."	GenerateRecurringInvoice, GenerateInvoice
51081	Invalid Parameter	Email Description: Invalid Parameter	"Ensure that Email Description parameter doesnot exceed 100 characters."	Generate QuickInvoice
51082	Invalid Parameter	File List: Invalid Parameter	"Ensure that only onefile isattached in quick invoice."	GenerateQuickInvoice
51083	Invalid Parameter	File List: Invalid Parameter	"Ensurethat Attached File extension is(doc,jpg,jpeg, docx,pdf,png)."	GenerateQuickInvoice
51084	Invalid Parameter	File List: Invalid Parameter	"Ensurethat File size does not exceed 1MB."	GenerateQuickInvoice

51085	Missing Parameter	Refund Reference Number: Required parameter missing	"Ensure that 'refund reference no' parameter is not blank."	Refund
51086	Invalid Parameter	Refund Reference Number: Invalid Parameter	"Ensure that Only letters and numbers are provided for refund Reference Number parameter."	Refund
51087	Invalid Parameter	Refund reference number: Invalid Parameter	"Ensure that Refund reference number parameter does not exceed 100 characters."	Refund orders
51088	Missing Parameter	Frequency: Required parameter missing	"Ensurethat Frequency parameteris not blank."	Generate Recurring Invoice
51089	Invalid Parameter	Frequency : Invalid Parameter	"Ensure that values for frequency parameter are only Daily/Monthly/Quarterly/Yearly."	Generate Recurring Invoice
51118	Missing Parameter	Occurrences: Required parameter missing	"EnsurethatOccurrences parameter is notblank."	Generate Recurring Invoice
51119	Invalid Parameter	Occurrences: Invalid Parameter	"EnsurethatOccurrences parameter is Numeric."	Generate Recurring Invoice
51120	Invalid Parameter	Occurrences: Invalid Parameter	"EnsurethatOccurrences parameter does not exceed 3 digits."	Generate Recurring Invoice
51121	Invalid Parameter	Occurrences: Invalid Parameter	"Adding occurrences is only applicable for recurring invoice."	Generate Recurring Invoice
51122	Missing Parameter	Task name: Required parameter missing	"Ensure that task name parameter is not blank."	Generate Recurring Invoice GenerateInvoice
51123	Invalid Parameter	Task name: Invalid Parameter	"Ensurethatonly letters, space, underscore and hyphenare providedfortaskname parameter."	Generate Recurring Invoice GenerateInvoice
51124	Invalid Parameter	Task name: Invalid Parameter	"Ensurethat Taskname parameter does not exceed 30Characters."	Generate Recurring Invoice GenerateInvoice

51125	Missing Parameter	TaskNote:Required parameter missing	"Ensurethat Task Note parameteris not blank."	Generate Invoice
51126	Invalid Parameter	Task note: Invalid Parameter	"Ensurethat Tasknote parameter contains only letters, numbers, hyphen, dot, circular brackets, space,comma, underscore,hash and ampersand."	Generate Recurring Invoice GenerateInvoice
51127	Invalid Parameter	Task Note: Invalid Parameter	"Ensurethat Task Note parameter does not exceed60characters."	Generate Invoice
51128	Missing Parameter	Taskrate:Required parameter missing	"Ensure that task rate parameter is not blank."	Generate Recurring Invoice GenerateInvoice
51129	Invalid Parameter	Task rate: Invalid Parameter	"Ensure that task rate parameter is decimal."	Generate Recurring Invoice GenerateInvoice
51130	Missing Parameter	Taskhour:Required parameter missing	"Ensure that task hour parameter is not blank."	Generate Recurring Invoice GenerateInvoice
51131	Invalid Parameter	Task hour: Invalid Parameter	"Ensure that task hour parameter is numeric."	Generate Recurring Invoice GenerateInvoice
51132	Invalid Parameter	Task hour: Invalid Parameter	"Ensurethat task hour value does not exceed 4 digits."	Generate Recurring Invoice GenerateInvoice
51133	Missing Parameter	Item name: Required parameter missing	"Ensure that item name parameter is not blank."	Generate Recurring Invoice GenerateInvoice
51134	Invalid Parameter	Item name: Invalid Parameter	"Ensurethatonly letters, space, underscore and hyphen are providedforitemname parameter."	Generate Recurring Invoice GenerateInvoice
51135	Invalid Parameter	Item name: Invalid Parameter	"Ensure that Item name parameter does not exceed 30 characters."	Generate Recurring Invoice GenerateInvoice
51136	Missing Parameter	Item description: Required parameter missing	"Ensure that item description parameter is not blank."	Generate Recurring Invoice GenerateInvoice

51137	Invalid Parameter	Item description: Invalid Parameter	"Ensure that Item description parameter contains only letters, numbers, hyphen,dot,circular brackets,space, comma, underscore, hash and ampersand."	Generate Recurring Invoice GenerateInvoice
51138	Invalid Parameter	Item description: Invalid Parameter	"Ensure that Item description parameter doesnot exceed 60 characters."	Generate Recurring Invoice GenerateInvoice
51139	Missing Parameter	Item Quantity: Required parameter missing	"Ensure that the itemquantity parameter is not blank."	Generate Recurring Invoice GenerateInvoice
51140	Invalid Parameter	Item Quantity: Invalid Parameter	"Ensure thatthe Item Quantity parameter is numeric."	Generate Recurring Invoice GenerateInvoice
51141	Invalid Parameter	Item Quantity: Invalid Parameter	"Ensure that the Item Quantity parameter does not exceed 3 digits."	Generate Recurring Invoice GenerateInvoice
51142	Missing Parameter	Unit cost: Required parameter missing	"Ensure thatunitcostof itemisnot blank."	Generate Recurring Invoice GenerateInvoice
51143	Invalid Parameter	Unit cost: Invalid Parameter	"Ensurethatthe Unit costofitem parameter is a Decimal Number."	Generate Recurring Invoice GenerateInvoice
51144	Invalid Parameter	Termsand Conditions:Invalid Parameter	"Ensure that Only letters, numbers, hyphen,dot, circularbracketsand ampersandare provided for Terms and Condition parameter."	Generate Recurring Invoice GenerateInvoice
51145	Invalid Parameter	Termsand Conditions:Invalid Parameter	"EnsurethatTermsand Conditions parameter doesnotexceed500 characters."	Generate Recurring Invoice GenerateInvoice
51146	Invalid Parameter	Due date: Invalid Parameter	"Ensure that Due date parameter is Numeric."	Generate Recurring Invoice GenerateInvoice
51147	Invalid Parameter	Due date: Invalid Parameter	"Ensure that Due date parameter does not exceed 3 digits"	Generate Recurring Invoice GenerateInvoice

51148	Invalid Parameter	Due Date: Invalid Parameter	"Ensure that due date parameter is provided when late payment fees is present."	Generate Recurring Invoice GenerateInvoice
51149	Invalid Parameter	Latepayment fees:Invalid Parameter	"Ensure that late payment fees parameter is provided when due date is present."	Generate Recurring Invoice GenerateInvoice
51150	Invalid Parameter	Discount_if_paid_within_due_date: Invalid Parameter	"Ensure that value for discount_if_paid_within_due_date parameter is not greater than due date."	Generate Recurring Invoice GenerateInvoice
51151	Missing Parameter	DiscountType:Required parameter missing	"Ensure that discount type parameter is provided when discount value is present."	Generate Recurring Invoice GenerateInvoice
51152	Missing Parameter	Discount value: Required parameter missing	"Ensure that discount value parameter is provided when discount type is present."	Generate Recurring Invoice GenerateInvoice
51153	Missing Parameter	Latepaymentfeestype: Required parameter missing	"Ensure that late payment fees type parameter is provided when late payment fees is present."	Generate Recurring Invoice GenerateInvoice
51154	Missing Parameter	Latepaymentfees: Required parameter missing	"Ensure that late payment fees parameter is provided when late payment fees type is present."	Generate Recurring Invoice GenerateInvoice
51155	Invalid Parameter	Discountvalue:Invalid Parameter	"Ensure that Discount value parameter ranges are: For percentage (1.00 - 99.99) For flat (1.00-99999.99)"	Generate Recurring Invoice GenerateInvoice
51156	Invalid Parameter	Latepayment fees:Invalid Parameter	"Ensure that Late payment fees parameter ranges	Generate Recurring Invoice Generate Invoice

			are: For percentage (1.00 -99.99) For flat (1.00-99999.99)"	
51157	Invalid Parameter	Tax List:Invalid Parameter	"Ensure thatthere are not more thantwo taxes for onetask."	Generate Recurring Invoice Generate Invoice
51158	Invalid Parameter	Item/Task List: Invalid Parameter	"Ensure thatatleastone task/item is added."	Generate Recurring Invoice GenerateInvoice
51159	Invalid Parameter	Task List: Invalid Parameter	"Ensure thatthesame task is not added twice."	Generate Recurring Invoice GenerateInvoice
51160	Invalid Parameter	Item List: Invalid Parameter	"Ensure that the same item isnot added twice."	Generate Recurring Invoice GenerateInvoice
51161	Invalid Parameter	Discountvalue:Invalid Parameter	"Ensure that the Discount value parameter is Decimal."	Generate Recurring Invoice GenerateInvoice
51162	Invalid Parameter	Latepayment fees:Invalid Parameter	"Ensurethat Late paymentfees parameter is Decimal."	Generate Recurring Invoice GenerateInvoice
51163	Invalid Parameter	Discount type: Invalid Parameter	"Ensurethat values for Discount type parameterare <u>Perc/Flat</u> ."	Generate Recurring Invoice GenerateInvoice
51164	Invalid Parameter	Late paymentfees type: Invalid Parameter	"Ensure that values for Late payment fees type parameter are <u>Perc/Flat</u> ."	Generate Recurring Invoice GenerateInvoice
51165	Invalid Parameter	Discountifpaidwithin duedate: Invalid Parameter	"Ensure that Discount if paidwithin duedate parameterisNumeric."	Generate Recurring Invoice GenerateInvoice
51166	Invalid Parameter	Discountifpaidwithin duedate: Invalid Parameter	"EnsurethatDiscountif paidwithin due date parameter doesnotexceed 3 digits."	Generate Recurring Invoice GenerateInvoice
51167	Invalid Parameter	Tax List: Invalid Parameter	"Ensure that the same tax isnot addedtwice forthe same task/item."	Generate Recurring Invoice GenerateInvoice
51168	Invalid Parameter	Tax List: Invalid Parameter	"Ensure that there are not more	Generate Invoice

			than two taxes applicable for one item."	
51169	Invalid Parameter	Due Date: Invalid Parameter	"Ensure that Duedate cannot be greater than valid forparameter."	Generate Recurring Invoice
51205	Invalid Parameter	Order List: Invalid Parameter	"Please provide at least one order list."	Confirm, Cancel,
51206	Invalid Parameter	Order List: Invalid Parameter	"EnsurethatReference Number parameter is notrepeated."	Confirm, Cancel,
51207	Invalid Parameter	Start Date: Invalid Parameter	"Ensure that Start date is greater than or equal to current date."	Generate Recurring Invoice
51208	Invalid Parameter	Start Date: Invalid Parameter	"Adding start date is only applicable for recurring invoice."	Generate Recurring Invoice
51209	Invalid Parameter	Frequency: Invalid Parameter	"Addingfrequencyisonly applicable for recurring invoice."	Generate Recurring Invoice
51210	Invalid Parameters	InvoiceSetting:Invalid Parameter	"Ensurethatthe Advance Settings option is enabled under Invoice Settings."	Generate Recurring Invoice
51211	Invalid Parameters	InvoiceSetting:Invalid Parameter	"Ensure that SMS content is provided if the same is enabled under Invoice Settings."	Generate Recurring Invoice
51212	Invalid Parameters	InvoiceSetting:Invalid Parameter	"Ensure that the Adding Task option is enabled under Invoice Settings."	Generate Recurring Invoice
51213	Invalid Parameters	InvoiceSetting:Invalid Parameter	"Ensure that theAdding Item option is enabled under Invoice Settings."	Generate Recurring Invoice
51214	Invalid Parameters	InvoiceSetting:Invalid Parameter	"Ensurethatthe ChangingInvoice Validityoptionis enabledunder Invoice Settings."	Generate Recurring Invoice
51215	Invalid Parameters	InvoiceSetting:Invalid Parameter	"Ensure that Changing pre-	Generate Recurring Invoice

			populated values for item: {e.g. abc} with unit cost {e.g. 1.23} is enabled under InvoiceSettings."	Generate Invoice
51216	Invalid Parameters	InvoiceSetting:Invalid Parameter	"Ensure that Changing pre-populated values for task {e.g. def} with unit rate {e.g. 1.00} is enabled under InvoiceSettings."	Generate Recurring Invoice, Generate Invoice
51217	Invalid Parameters	InvoiceSetting:Invalid Parameter	"Ensure that the number of hours/rate amount for task is valid."	Generate Recurring Invoice, Generate Invoice
51218	Invalid Parameters	InvoiceSetting:Invalid Parameter	"Ensure that unit cost amount/quantity for item is valid."	Generate Recurring Invoice, Generate Invoice
51219	Invalid Parameters	InvoiceSetting:Invalid Parameter	"Ensure that Quick Invoice option is enabled under InvoiceSettings."	Generate Recurring Invoice, Generate Invoice
51226	Invalid Parameters	SMS_Content: Invalid Parameter	"Ensure that Basic placeholders should not be repeated in SMS content."	Generate Recurring Invoice, Generate Invoice
51174	Missing Parameter	Card expired date: Required parameter missing	"Ensure that Card expired date parameter is not blank."	Add customer payment option
51175	Invalid Parameter	Card expired date: Invalid Parameter	"Ensure that Card expired date parameter is in MM/yyyy format."	Add customer payment option
51177	Missing Parameter	Card Number: Required parameter missing	"Ensure that Card Number parameter is not blank."	Add customer payment option
51178	Invalid Parameter	Card Number : Invalid Parameter	"Ensure that Card Number parameter is Numeric only."	Add customer payment option
51179	Invalid Parameter	Card Number: Invalid Parameter	"Ensure that Card Number parameter is not invalid."	Add customer payment option
51180	Missing Parameter	Card Name: Required parameter missing	"Ensure that Card Name parameter is not blank."	Add customer payment option

51181	Invalid Parameter	Card Name: Invalid Parameter	"Ensurethat Card Name parameter is notinvalid."	Add customer payment option
51182	Invalid Parameter	Name on card: Invalid Parameter	"Ensure that onlyletters andspace are provided for name on card parameter."	Add customer payment option
51183	Invalid Parameter	Name on card: Invalid Parameter	"Ensure that Name on card parameter does notexceed 30 characters."	Add customer payment option
51227	Missing Parameters	Issuer Bank: Required parameter missing	"Ensurethat Issuerbank nameis not blank."	Add customer payment option
51228	Invalid Parameters	Issuer Bank: Invalid parameter	"Ensure that onlyletters andspace are provided for issuer bank parameter."	Add customer payment option
51229	Missing Parameters	PamentOptionType: Required parameter missing	"Ensure that payment option type is not blank."	Add customer payment option
51230	Invalid Parameters	PaymentOption Type:Invalid parameter	"Ensure that payment option type is OPTCRDC/OPTDBCRD."	Add customer payment option
51231	Missing Parameters	Nameoncard: Required parameter missing	"Ensure thatname on card is not blank"	Add customer payment option
51232	Missing Parameters	Cardtype:Required parameter missing	"Ensure thatname on cardtypeis not blank"	Add customer payment option
51233	Invalid Parameters	Card type: Invalid parameter	"Ensure that name on card type is CRDC/DBCRD"	Add customer payment option
51301	Invalid Parameter	Order List: Invalid Parameter	"Order is already confirmed"	Confirm
51302	Invalid Parameter	Order List: Invalid Parameter	"Order is already Cancelled:"	Cancel
51303	Invalid Parameter	Order List: Invalid Parameter	"Invalid order status:"	Confirm, Cancel,

51304	Invalid Parameter	Order List: Invalid Parameter	"Invalid order/tracking id :"	Confirm, Cancel,
51305	Invalid Parameter	Order List: Invalid Parameter	"Pending Risk Mitigation:"	Confirm, Cancel,
51306	Invalid Parameter	Order List: Invalid Parameter	"Order Amt Mismatch:"	Confirm, Cancel,
51307	Invalid Parameter	Order List: Invalid Parameter	"Pending risk mitigation."	Confirm, Cancel
51308	Invalid Parameter	Order List: Invalid Parameter	"Norecord was foundfor thegiven criteria."	Refund, Status, OrderLookUp,
51309	Invalid Parameter	Reference number: Invalid Parameter	"Ensure that merchant reference number parameter is not repeated."	Refund
51310	Invalid Parameter	Reference number: Invalid Parameter	"Refund not allowed."	Refund
51311	Invalid Parameter	Reference number: Invalid Parameter	"Multiplerefundsare notallowed for the gateway."	Refund
51312	Invalid Parameter	Reference number: Invalid Parameter	"Cannot initiate refund request for the given order."	Refund
51313	Invalid Parameter	Order List: Invalid Parameter	"No records found."	Order Status, OrderLookUp,
51314	Invalid Parameter	Reference number: Invalid Parameter	"Refund limit exceeds."	Refund
51315	Invalid Parameter	Reference number: Invalid Parameter	"This is adisputedorder. You can refund only up to {Currency}{Refund amount limit}."	Refund,
51316	Invalid Parameter	Reference number: Invalid Parameter	"Ensurethat Reg Idor Reference No parameters are notinvalid."	UpdateBillingDetails,
51317	Invalid Parameter	Reference number: Invalid	"Recordalreadyupdatedor Invalid	UpdateBillingDetails

		Parameter	Order Status."	
51318	Invalid Parameter	Reference number: Invalid Parameter	"Ensurethat Order Status OR Order Type parametersarenot invalid."	UpdateBillingDetails
51319	Invalid Parameter	bill_id: Invalid Parameter	"Ensure that bill_id parameter isnot invalid."	UpdateInvoiceReference Number
51320	Invalid Parameter	Bill Merchant Reference No:Invalid Parameter	"Bill Merchant Reference No parameter already exists."	UpdateInvoiceReference Number
51321	Invalid Parameter	Reg ID: Invalid Parameter	"Ensurethat Reg ID parameter is not invalid."	UpdateMerchantParams
51322	Invalid Parameter	Reference number: Invalid Parameter	"Ensure that reference number parameter is not invalid."	UpdateMerchantParams
51323	Invalid Parameter	Tax List: Invalid Parameter	"Ensure that Taxis configured for the merchant."	GenerateInvoice ,GenerateRecurringInvoice
51324	Invalid Parameter	Tax List: Invalid Parameter	"Ensurethat Taxvalue matches with the given Tax name."	GenerateInvoice ,GenerateRecurringInvoice
51325	Missing Parameter	Customerid:Required parameter missing	"Ensurethat Customer parameteris present."	DeleteCustomer,
51326	Invalid Parameter	Currency: Invalid Parameter	"EnsurethatCurrencyis assignedto the merchant."	GenerateInvoice, GenerateRecurringInvoice, GenerateQuickInvoice
51327	Invalid Parameter	Customer id: Invalid Parameter	"Ensure that the merchant is not invalid."	OrderLookup, Delete Customer
51328	Invalid Parameter	Reference number: Invalid Parameter	"Multiple refunds not allowed."	RefundOrder
51336	Invalid Parameter	CustomerCard Id:Invalid Parameter	"Card Not Present."	DeleteCustomer paymentoption
51337	Invalid Parameters	Customer Id:Invalid parameters	"Card Alreday Exists"	Add Customer payment option