**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 Invoicereference Number APIcall is usedto update Invoicereferencenumberifthesamewasnotprovidedatthetimeofinvoicegeneration.

17. Update Merchant Param - Update Merchant params API is used to add some extra parameter against Merchantparams if the same couldnot be doneatthe timeofthetransaction.

18. Update Billing Details - Update billing details API call is used to update customer billing information against anorder.

19. BinDetails – This is used to fetch the carddetails 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 use to get the Settlement details such payid ,UtrNo and settlement date.

24. ConsolidatePayout Summary - (Kindly pass version as DEF) ConsolidatePayout Summary API call is used to list payouts summary for a merchant for a given settlement date.

25. ConsolidateSettlementDetails - (Kindly pass version as DEF) ConsolidateSettlementDetails 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 AESsimilarto the method usedfor real-time transaction. Encryptionkeyis mappedtoAccesscodeasmentionedinAPIAuthenticationsection.

| Name | Description |
|------|-------------|
| **enc_request**(*required*) | AES encrypted request data. |
| **access_code**(*required*) | This is the accesscode foryour application.Youmust send this with each request. |
| **command**(*required*) | This is thecommandtoaccess the APICalls. Youmustsendthis witheach request. |
| **request_type**(*required*) | APIrequestsareacceptedinXML,  JSONor   String.Specifytherequesttype. |
| **response_type**(*optional*) | APIreturns XML, JSON or String responses. If leftblank, theresponsewill be in the same format as request. |
| **version**(required) | Thisistheversiontoaccess APIbased onversioncalls andcurrentpossible values is 1.1 |

**Example:**

**enc_request**=63957FB55DD6E7B968A7588763E08B240878046EF2F520C44BBC63FB9CCE726209A47348
77F5904445591304ABB2F5E598B951E39EAFB9A24584B00590ADB077ADE5E8C444EAC5A250B1EA96F6
8D22E44EA2515401C2CD753DBA91BD0E7DFE7341BE1E7B7550&**access_code**=8JXENNSSBEZCU8KQ&**co
mmand**=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- timetransactions. Encryptionkeyismappedto Accesscode as mentionedin APIAuthenticationsection.

| Name | Description |
|------|-------------|
| **enc_response** | AES encrypted response containing format as per *response_type.* |
| **enc_error_code** | enc_error_code contains valueifstatus is "1"please refer to belowtable for the error code. |
| **status** | This states whether the call was successful or not. If value of this parameter is"1"thenyou need not decrypt the enc_responseas itwill 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**=63957FB55DD6E7B968A7588763E08B240878046EF2F520C44BBC63FB9CCE726 209A473457E6B13721EC6D05ED13A0483ACFDD6F11F284AE79755D47E79687478F93CFCD3CD97510B6 7B961CDB5279F2O9F5C451F3039696F13C990B963854C8CADF730&**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<=**success_count**<= Number of orders to be confirmed. |
| **reference_no** | Unique CCAvenue reference numbers for the transaction. | Numeric(25) |

| | | |
|---|---|---|
| **reason** | Failurere as on if the given unique reference_no not going to confirm. | String<br>Please refer <u>below table</u> for failure message. |
| **error_code** | Error code for Failure. | String<br>Please refer <u>below table</u> for failure message. |

**Example XML Response**

```xml
<?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**

```json
        {
        "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. Onceanorderhasbeencancelled/auto-cancelledbythesystem, it cannotbeconfirmed. Fundswillbe refundedtothecreditcardordebitcardornetbankingaccount thatwas 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. Youmust send thiswitheach request. | |
| **request_type** (*required*) | APIrequests are accepted inXML, 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. Ifleftblank,the responsewill be in the same format as request. | Possiblevalueforresponse_typeis "**XML**" or "**JSON**" or "**STRING**". |
| **Command** (*required*) | Command value specifies the APIcalls.You must send this with each request. | Possible value for this API call is "**cancelOrder**" |
| **reference_no** (*required*) | Unique CCAvenue reference number forthe 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|am**t** | reference_no|am**t** |

**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 | Thisstateswhetherthecallwassuccessfulor not. Ifvalue ofthisparameter is"1"thenyou need notdecrypt the enc_response as it will contain plain errormessage. | Value"0"denotes thatAPI callis successful. Value "1" denotes API call failure. On enc_response is plaintextthat represents the error message. |
| enc_response | AESencryptedresponsecontainingformatas per *response_type* | |

| success_count | Merchant checks the successfully processed records for cancellation of the transactions. | Numeric<br><br>**0<=success_count<=** Numberofordersforthecancel request. |
|---|---|---|
| **reference_no** | Unique CCAvenuereference number for the transaction. | Numeric(25) |
| **reason** | Failure reasonifgivenreference_no arenot going to cancel successfully. | String<br>Please refer below table for failure message. |
| **error_code** | Error code for Failure reason. | String<br>Please refer below table for failure message. |

**Example XML Response**

```xml
<?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**

```json
     {
     "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.Fundswillberefundedtothe creditcardordebitcardornetbankingaccountthatwas 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. Youmust send thiswitheach request. | |
| request_type (*required*) | APIrequests are accepted inXML, 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 responsewill be inthe same format as request. | Possiblevalueforresponse_typeis "**XML**" or "**JSON**" or "**STRING**". |
| command (*required*) | Uniquenamewhichspecifies the APICall. You must send this with each request. | Possible valuefor commandto this API call is "**refundOrder**". |

| | | |
|---|---|---|
| **reference_no** <br> *(required)* | Unique CCAvenuereference number for the transaction. | Numeric(25) |
| **refund_amount** <br> *(required)* | Transaction amount to be refund. Amount can be full or partial of the transaction amount. | Decimal(12,2). |
| **refund_ref_no** <br> *(required)* | Unique reference numbershared 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 referto 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 referto 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 *response_type* | |
| **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 the refund 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 APIcall can be used to ascertainthestatus of a transaction/order. You can usethis call if you havenot receivedstatus/informationforatransactionrequest.Itcanalsobeusedasanadditional security measure to reconfirm the parameters posted back.

**Request Parameters**

| Name | Description | Note<br>Parameters Datatype (Parameters max length) |
|---|---|---|
| **enc_request**<br>(*required*) | AES encrypted request data | |
| **access_code**<br>(*required*) | Unique CCAvenue access code which is generated when merchant registered their IP address. You must send this with each request. | |
| **request_type**<br>(*required*) | API requests areaccepted inXML, JSON or String. Specify the request type. | Possiblevalueforrequest_type is **"XML"** or **"JSON"** or **"STRING"**. |
| **response_type**<br>(*optional*) | API returns responses in XML, JSON or String format. Ifleftblank,the responsewill 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)* | CCAvenuereferenceno. allocated tothe transaction.<br><br>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.<br><br>Order number isrequired if youdonot 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 *response_type* | |
| 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. 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, official currency of 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. | Possiblevaluefordevicetypeis **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<br>Possible Values are:<br>1) Value"**High**" denotes"High Risk"<br>2) Value"**Low**" denotes"Low Risk"<br>3) Value"**NR**" denotes"NoRisk"<br>Value "**GA**" denotes"Go Ahead"<br>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. | Possiblevalueforcountryis Alphanumeric withspecial 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 | 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 pincode 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<br><br>Possible values are:<br>**Aborted(transaction is cancelled by the User)**<br>**Auto-Cancelled (**transaction has not confirmed within 12 days hence autocancelledbysystem**) 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 **)**<br>**Awaited (**transaction is processed |

| | | frombillingshippingpagebutno response isreceived**)** |
|---|---|---|
| | | **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,theamountisdifferentat bank'sendandatCCAvenuedue to tampering**)** |
| | | **Initiated (**transaction just arrived onbillingshippingpageandnot processed further**)** |
| | | **Refunded (**Transaction is refunded.**)** **Shipped (transaction is confirmed)** Successful **Systemrefund(**Refundedby CCAvenueforvariousfindingsof reversals by CCAvenue**)** **Unsuccessful (**transaction is not successful**)** **Timeout (**The CCAvenue payment page has a Timeout set at 15 minutes per session**)** |
| **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** | Descriptionaboutthetransactionsharedby 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** | Specifythepayment option type for the order. | String Possiblevalue for payment option type is: **OPTCASHC**-Cash card **OPTCRDC** -Credit Card **OPTDBCRD**-Debit Card **OPTEMI**-EMI **OPTIVRS**-IVRS **OPTMOBP**-MobilePayments **OPTNBK**-Net Banking |
| **Merchant_param1** | Tempparameters value update by merchant at transaction time for further use. | String |
| **Merchant_param2** | Tempparameters value update by merchant at transaction time for further use. | String |
| **Merchant_param3** | Tempparameters value update by merchant at transaction time for further use. | String |
| **Merchant_param4** | Tempparameters value update by merchant at transaction time for further use. | String |
| **Merchant_param5** | Tempparameters value update by merchant at transaction time for further use. | String |
| **page_count** | Totalpagesavailablebasedon*no_of_records* 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** | Totalno.ofordersmatchingthelookup criteria. | |
| **error_desc** | Reason ifsearch criteria didnotfind the orders for thetransactions. | 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":"2015-09-1615:06:13.243",
"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_shiping_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 APIcall canbe used toextracttransaction details for a certainsetoftransactions. 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. Youmust send thiswitheach request. | |
| **request_type** (*required*) | API requests areaccepted inXML, JSON or String. Specify the request type. | Possible valuefor request_type is "**XML**" or "**JSON**" or "**STRING**". |
| **response_type** (*optional*) | API returns responses in XML, JSON or String format. Ifleftblank,the response will be in the same format as request. | Possiblevalueforresponse_typeis "**XML**" or "**JSON**" or "**STRING**". |
| **Command** (*required*) | Command valuespecifies 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 forthe transaction. | Numeric(25). |
| **from_date** (*required*) | Providethe StartDate to find theorderslist. | Datemust be in**IST(dd-mm-yyyy )**format. |
| **to_date** (*optional*) | Providetheend date to searchthe orders betweenfromdateand to date.Itshouldbe greater than or equal to from date. | Date must be in **IST(dd-mm-yyyy)** format. |
| **order_currency** (*optional*) | Currency in whichyou processed the transaction. You cansendthe multiple currencies format. | String **Example**: **INR** – Indian Rupee **USD**–United StatesDollar **SGD** – Singapore Dollar **GBP** –PoundSterling **EUR** – Euro, officialcurrencyof 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<br>Possible Values are:<br>1) Value"**High**" denotes "High Risk"<br>2) Value"**Low**"denotes"LowRisk"<br>3) Value "**NR**" denotes"NoRisk"<br>4) Value"**GA**" denotes"GoAhead"<br>5) Value "**NA**" denotes"Not Applicable"<br>6) |
| **order_min_amount** (*optional*) | Minimum amount limitforsearch criteriafor the transaction. | Decimal(12,2). |
| **order_max_amount** (*optional*) | Maximum amountlimitforsearchcriteriafor the transaction. | Decimal(12,2). |
| **order_name** (*optional*) | Customer name for the transaction. | Alphanumericwithspecialcharacter (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 canbe single ormultiple. | String<br><br>Below are the Possible Values:<br>1) **CASHC** (Cash Card Payment Type)<br>2) **CRDC** (Credit CardPayment Type)<br>3) **DBCRD** (Debit CardPayment Type)<br>4) **MOBP**(MobilePaymentType)<br>5) **NBK**(Net Banking)<br><br>Multiple values format:<br>MOBP **|** NBK for JSON & XML request typebutMOBP\|NBKforSTRING request type. |

| order_status (*optional*) | Status ofthe order.It can be single or multiple. | String<br>Possible values are:<br>**Aborted (transaction is cancelled by the User)**<br>**Auto-Cancelled (**transaction has not confirmed within 12 days hence auto cancelled by system**)**<br>**Auto-Reversed (**two identical transactions for same order number, bothweresuccessfulat bank'sendbut wegotresponsefor<br>only one of them, then next day duringreconciliationwemarkone of the transaction as auto reversed **)**<br>**Awaited (**transaction is processed from billing shipping page but no response isreceived**)**<br>**Cancelled (**transaction is cancelled by merchant **)**<br>**Chargeback**()<br>**Invalid**(Transaction sent to CCAvenue with Invalid parameters, hence could not be processed further) |
| --- | --- | --- |

| | | |
|---|---|---|
| | | **Fraud (**weupdatethis duringrecon, the amount is different at bank's end and at CCAvenue due to tampering**)** <br> **Initiated (**transaction just arrived on billing shipping page and not processed further**)** <br> **Refunded (**Transaction is refunded.**)** <br> **Shipped (transaction is confirmed)** <br> Successful <br> **System refund (**Refunded by CCAvenue for various find of reversals by CCAvenue**)** <br> **Unsuccessful (**transaction is not successful due to **)** |
| **order_type** <br> (*optional*) | Type of the order. | String <br><br> Different types of Orders: <br><br> 1) **OT-INV** denotes"Invoice" <br> 2) **OT-ORD** denotes"Orders" <br> 3) **OT-ORDS**Cdenotes"Shopping Cart Orders" <br> 4) **OT-PPAY** denotes" Phone Pay" <br> 5) **OT-SNIP** denotes"SNIPorders" |
| **order_bill_tel** <br> (*optional*) | Customer mobilenumber for the transaction. | Numeric(10). |
| **page_number** <br> (*required*) | A limited number of records are shared as part of theresponse.Thetotalrecords&number of pages areshared aspartof the response to enable subsequent calls. | Numeric(4). |

**Example XML Request**

```xml
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<Order_Lookup_Query>
    <order_no>xxxxxxx</order_no>
    <reference_no>xxxxxxxxx</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": "xxxxxxxxx",
    "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 *response_type* | |
| **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 | Orderbilling address's pincodefor theorder. | 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**. |
| 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<br>Possible Values are:<br>1) Value"**High**" denotes"High Risk"<br>2) Value"**Low**" denotes"Low Risk"<br>3) Value"**NR**"denotes"No Risk"<br>4) Value "**GA**" denotes "Go Ahead"<br>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 | 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 | 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 pincode 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<br>Possible values are:<br>**Aborted (transaction is cancelled by the User)**<br>**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**)**<br>**Awaited (**transaction is processed from billing shipping page but no response is received**)**<br>**Cancelled (**transaction is cancelled by merchant **)**<br>**Chargeback**()<br>**Invalid**(Transaction sent to CCAvenue with Invalid parameters, hence could not be processed further)<br>**Fraud (**we update this during recon, the amount is different at bank's end and at CCAvenue due to tampering**)**<br>**Initiated (**transaction just arrived on billing shipping page and not processed further **)**<br>**Refunded (**Transaction is refunded.**)**<br>**Shipped (transaction is confirmed)**<br>Successful<br>**System refund (**Refunded by CCAvenue for various find of reversals by CCAvenue**)**<br>**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 | 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 share by Bank after successful transaction. | Numeric(25). |
| order_bank_response | Descriptionaboutthetransactionsharedby 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. | Possiblevalueforcardnameis **VISA**","**MASTERCARD**","**AMEX**", "**JCB**","**ECRD**","**DINERS CLUB**","**DSNV**","**CTBL**","**CVMS**". |
| order_option_type | Specify thepaymentoptiontypefor the order. | String Possiblevalueforpayment option typeis **OPTCASHC**-Cash card **OPTCRDC** -Credit Card **OPTDBCRD**-Debit Card **OPTEMI**-EMI **OPTIVRS**-IVRS **OPTMOBP**-MobilePayments **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 ifsearch criteriadid not find the orders for thetransactions. | String<br>Please refer below table for failure message. |
|---|---|---|
| error_code | Error code for Failure reason. | String<br>Please refer below table for failure message. |
| page_count | Totalpagesavailablebasedon*no_of_records* in the request | Example:no_of_recordssentin request was100 |
| 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.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="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_no|order_bank_response|order_card_name|order_currancy|order_date_time|order_delivery_details|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|order_bill_zip|order_bill_tel|order_bill_email|order_ship_name|order_ship_address|order_ship_city|order_ship_state|order_ship_county|order_ship_zip|order_ship_tel|order_ship_email|order_capture_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

PendingAPI callallows you to find the listofpending orders.Only confirmed orders aresettled into the merchant'saccount. An orderolderthan12days isautomaticallycanceled. Once an orderhas been auto-canceled by the system, it cannot be confirmed.

You can optionally confirm only part of an order. Remember, you cando so only once. Remaining funds willbe refundedtothecreditcardordebitcardornetbankingaccountthatwasoriginallycharged.

### 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 thiswitheach request. | |
| request_type (*required*) | API requests are accepted in XML, JSONor String. Specify the request type. | Possible valuefor request_type is **"XML"** or **"JSON"** or **"STRING"**. |
| response_type (*optional*) | API returns responses in XML, JSON or String format. Ifleftblank,the responsewill be in the same format as request. | Possiblevalueforresponse_typeis 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 pendingorderofthe transaction. | AlphaNumeric with special characters(hyphen and underscore)(30). |
| order_bill_name *(optional)* | Name of the customer to find invoicedetails after placingorders. | Alphanumericwithspecialcharacter (space, hyphen, apostrophe, underscore, dot)(60). |
| order_email (*optional*) | Emailidofcustomer to sendmailforthe 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**<br>(*optional*) | Type of fraud status. | String<br>Possible Values are:<br>1) Value"**High**" denotes"High Risk"<br>2) Value"**Low**" denotes"Low Risk"<br>3) Value "**NR**" denotes"NoRisk"<br>4) Value"**GA**" denotes"GoAhead"<br>5) Value "**NA**" denotes "Not<br>    Applicable |
| **order_currency**<br>(*optional*) | Currency in which you processed the transaction. You cansend themultiple currencies format. | String<br><br>**Example**:<br>**INR** – Indian Rupee **USD**–<br>United StatesDollar **SGD** –<br>Singapore Dollar**GBP**–<br>PoundSterling<br>**EUR** – Euro, official currencyof Eurozone<br><br>Multiple currency format:<br>INR\|USD **\|** GBP in XML & JSON requesttypeandINR\|UDS\|GBPin STRING request type. |
| **order_type**<br>(*optional*) | Type of the order. | String<br><br>Different types of Orders:<br><br>1) **OT-INV** denotes"Invoice"<br>2) **OT-ORD** denotes"Orders"<br>3) **OT-ORDSC**denotes"Shopping Cart Orders"<br>4) **OT-PPAY** denotes" Phone Pay"<br>5) **OT-SNIP**  denotes"SNIPorders" |
| **page_number**<br>(*required*) | Alimitednumberofrecords are shared as part of the response. The total records & number of pagesaresharedaspartoftheresponseto enable subsequent calls. | Numeric(4) |

**Example XML Request**

```xml
<?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>XXXXXXX</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**

```json
{
    "order_no": "XXXXXXX", "reference_no":
    "XXXXXXX", "order_bill_name": "XXXXX",
    "order_email": "XXXX@XXXXX.com",
    "order_bill_tel": "XXXXXXXXXXX",
    "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 **|** XXXXXX **|** 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 | Thisstateswhetherthecallwassuccessfulor not. Ifvalue ofthisparameter is"1"thenyou need notdecrypt the enc_response asitwill contain plain errormessage. | Value"0"denotes that the API call wassuccessful. Value "1" denotes API call failure.Onenc_responseisplain text represents the error message. |
| enc_response | AESencryptedresponsecontainingformat as per *response_type* | |
| 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(#), circularbracketsanddot)(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. | Possiblevalueforcountryis Alphanumeric withspecial characters (space)(30). |
| order_bill_email | EmailAddressoftheOrderfornotifications. | Possible value for email id is Alphanumeric with special characters (hyphen, underscore, dot, @)(70). |
| order_bill_name | Order billing name for the order. | Possiblevaluefornameis 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<br>Possible Values are:<br>1) Value"**High**" denotes "High Risk"<br>2) Value"**Low**" denotes "Low Risk"<br>3) Value"**NR**"denotes "No Risk"<br>4) Value "**GA**" denotes "Go Ahead"<br>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 | Descriptionaboutthetransactionsharedby 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. | Possiblevalueforcardnameis **VISA**","**MASTERCARD**","**AMEX**", "**JCB**","**ECRD**","**DINERS CLUB**","**DSNV**","**CTBL**","**CVMS**". |

| | | |
|---|---|---|
| **order_option_type** | Specify the payment option typefor the order. | String Possiblevaluefor payment option typeis **OPTCASHC**-Cash card **OPTCRDC** -Credit Card **OPTDBCRD**-Debit Card **OPTEMI**-EMI **OPTIVRS**-IVRS **OPTMOBP**-MobilePayments **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 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<br>Possible value is<br>**TS-AUTA**- Authorization Awaited<br>**TS-AUTC**- Authorization confirm<br>**TS-AUTCR**- Authorization confirmed on reconciliation<br>**TS-AUTD**- Authorization Declined<br>**TS-AUTDR**- Authorization Declined on reconciliation<br>**TS-AUTFR**- Authorization Fraud<br>**TS-AUTFRR**-AuthorizationFraud on reconciliation<br>**TS-AUTFRAM**- Amt mismatch<br>**TS-AUTFRCM** - Currency mismatch<br>**TS-AUTFRUT**- Authorization fraud<br>**TS-ABRTBNK**- Aborted at bank's end. |
| **order_type** | Type of the order. | String<br>Different types of Orders:<br>1) **OT-INV**denotes "Invoice"<br>2) **OT-ORD**denotes "Orders"<br>3) **OT-ORDSC**denotes "Shopping Cart Orders"<br>4) **OT-PPAY** denotes "Phone Pay"<br>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<br>Possible values are:<br>**Aborted (transaction is cancelled by the User)**<br>**Auto-Cancelled (**transaction has not confirmed within 12 days hence autocancelled bysystem**)**<br>**Auto-Reversed (**two identical transactions for same order number, both weresuccessful at bank'sendbutwegot response foronlyoneofthem, thennext day during reconciliation we markoneof thetransactionas auto reversed**)**<br>**Awaited (**transaction is processedfrombilling shipping page but no response is received**)**<br>**Cancelled (**transaction is cancelled by merchant **)**<br>**Chargeback**()<br>**Invalid**(Transaction sent to CCAvenue with Invalid parameters, hence could not be processed further)<br>**Fraud (**we update this during recon,theamountisdifferent at bank'sendandatCCAvenue due to tampering**)**<br>**Initiated (**transaction just arrived onbilling shippingpage and not processed further **)**<br>**Refunded (**Transaction is refunded.**)**<br>**Shipped (transaction is confirmed)** |
| | | Successful<br>**Systemrefund(**RefundedbyCCAvenueforvariousfindingsof reversals by CCAvenue**)**<br>**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 | AmountofTDS(taxdeductedatsource)for the Transaction. | Decimal(13,4). |
|---|---|---|
| reference_no | Unique CCAvenue reference no allocated to the transaction. | Numeric(25). |
| error_desc | Reason ifsearchcriteriadidnot findthe orders forthe transactions. | String<br>Please refer below table for failure message. |
| error_code | Error code for Failure reason. | String<br>Please refer below table for failure message. |
| page_count | Totalpagesavailablebasedon*no_of_records* in the request | Example:no_of_recordssentin request was100 |
| 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**:

```json
{
"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":"xxxxxxxx",
    "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. Youmust send thiswitheach request. | |
| request_type (*required*) | API requests are accepted in XML,JSONor 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. Ifleftblank,the responsewill be in the same format as request. | Possiblevalueforresponse_typeis is "**XML**" or "**JSON**" or "**STRING**". |
| Command (*required*) | Command valuespecifies theAPIcalls.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 *response_type* | |
| 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
<?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:**

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

**Failure:**

```json
{
    "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 *response_type* | |
| **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="CustomerCardId: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**<br>(*required*) | AES encrypted request data | |
| **access_code**<br>(*required*) | UniqueCCAvenueaccesscode which is generated when merchant registered their IP address. Youmustsendthiswith each request. | |
| **request_type**<br>(*required*) | API requests are accepted in XML, JSON or String. Specify the request type. | Possiblevalueforrequest_typeis **"XML"** or **"JSON"** or **"STRING"**. |
| **response_type**<br>(*optional*) | API returns responses in XML, JSON or String format. If left blank,the responsewill bein the same format as request. | Possible value for response_type is **"XML"** or **"JSON"** or **"STRING"**. |
| **Command**<br>(*required*) | Command value specifies the API calls. You must send this with each request. | Possiblevalueforthis APIcall is "**addCustomerPaymentOption**". |
| **customer_id** *(required)* | Unique Customer ID for the transaction. | Numeric(25). |
| **customer_name_on_card**<br>(*optional*) | Customer name on card. | Alphanumeric with special characters (space, underscore)(30). |
| **customer_phone_no**<br>(*optional*) | Customer mobile number. | Numeric(10). |

| customer_email<br>*(optional)* | Customer email id. | Alphanumeric with special characters (hyphen, underscore, dot,@)(70). |
|---|---|---|
| customer_card_issuer_bank<br>*(optional)* | Customercardissuerbank name. | Alphanumeric with special characters (space, underscore )(70). |
| customer_card_expiry<br>*(required)* | Customer Card expiry date. | Date format in **MM/yyyy**. |
| customer_card_no<br>*(required)* | Customer Card number. | Numeric(25) |
| customer_card_name<br><br>*(required)* | Customer Card name. | String<br>**VISA MASTERCARD**<br>**AMEX**<br>**JCB**<br>ECRD<br>**DINERS CLUB**<br>**DSNV**<br>**CTBL**<br>**CVMS**<br>**AMEX EZE CLICK** |
| customer_card_type<br>*(required)* | Customer card type to payment option for the transaction. | String.<br>**CRDC**-creditcard<br>**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 *response_type* | |
| 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 digitofcardno for thetransaction. | 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_expry | Customer card expiry date. | Date format in **MM/yyyy**. |
| customer_card_issuer_bank | Customer Card issuer bank. | Alphanumericwithspecialcharacters (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 goingto 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_expiry>11/2015</customer_card_expiry>
   <customer_card_id>240</customer_card_id>
```

```xml
        <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
<?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:**
```json
    {
        "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 APIcall is usedtolist paymentoptionsaved for acustomer. Payments options are saved for acustomer invault for easy and convenientpayment.

**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. Youmustsendthiswitheachrequest. | |

| 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 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 parameteris"1"thenyouneednot decrypttheenc_responseasitwill containplainerrormessage. | Value **"0"** denotes thatthe APIcall was successful.<br>Value **"1"** denotes API call failure. On enc_response is plain text represents the errormessage. |
| enc_response | AES encrypted response containing format as per *response_type.* | |
| customer_id | Unique Customer ID for the transaction. | Numeric(25). |
| customer_card_no | Last four digitofcardnofor the transaction. | Numeric(4)<br><br>Will contain values only for Credit Card and Debit Card. |
| customer_payopt_type | Number of Paymentoptionsassign against to thiscustomer id. | String.<br><br>Values :<br>**OPTNBK**-net banking<br>**OPTCRD**-credit card<br>**OPTDBCRD**-debit card<br>**OPTMOBP**-mobile payment<br>**OPTIVRS**- IVRS<br>**OPTWLT**- Wallet<br>**OPTCASHC-**Cash Card<br>**OPTEMI-** EMI |
| customer_card_name | Customer card name for the transaction. | Alphanumericwithspecialcharacters (space, hyphen,apostrophe, underscore, dot)(60). |
| customer_email | Customeremailid forthe transaction. | Alphanumericwithspecialcharacters (hyphen, underscore, dot,@)(70). |
| customer_card_label | Customer card label name for the transaction. | Alphanumericwithspecialcharacters (space, hyphen, apostrophe, underscore, dot)(60). |
| customer_card_id | Unique Customer Card IDis the identifierforthe 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 | ReasonifAPIcalldoesnotfindthe recordbasedongivensearchcriteria. | 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@xxxx.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":"xxxxxxxx"
                        },
                        {
                        "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":"xxxxxxxx"
                        }],
        "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|customo mer_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|custo mer_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**<br>(*required*) | Currency for which theInvoiceistobe generated | String<br><br>**Example:**<br>**INR** – Indian Rupee<br>**USD** – UnitedStatesDollar<br>**SGD** – Singapore Dollar<br>**GBP**–PoundSterling<br>**EUR** – Euro, official currency of Eurozone |
| **merchant_reference_no**<br>(*optional*) | Merchant identifier for the Invoice | Alphanumeric with special characters (hyphen and underscore)(25). |
| *merchant_reference_no1*<br>(*optional*) | Merchant identifier for the Invoice | Alphanumeric with special characters(hyphenandunderscore 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 presentin 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) | Feesto be chargedincase of late payment.<br><br>Late_payment_feesisrequiredif merchant provide late_payment_fees_type. | Decimal(12,2). |
| late_payment_fees_type (conditional) | Unit representation of late_payment_fees.<br><br>Late_payment_fees typeisrequiredif merchantprovidelate_payment_fees. | Possiblevalueforlatepayment 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.<br><br>Discount_if_paid_within_due_date is required if merchant provide discount value or discount type. | Numeric(3)<br>Ex: due_date is 15th Jan 2014<br>discount_if_paid_within_due_date is 4<br>i.e. Discount is applicable up to 11th Jan 2014. |
| discount_value (conditional) | Discountto be applied if the above condition istrue.<br><br>Discount valueis requiredif merchant provide discounttype. | Decimal(12,2). |

| | | |
|---|---|---|
| **discount_type**<br>(conditional) | Unitrepresentation of discount_value.<br><br>Discount type is required if merchant provide discountvalue. | Possiblevalueforlatepayment fees type is **Perc/Flat**. |
| **item_List**<br>(conditional) | Items associated with the Invoice. ProvideatleastoneItemifmerchant does not provide any task. | Itemtypearray.RefertoItem_list section for structure. |

| | | |
|---|---|---|
| **task_List**<br>(*conditional*) | Tasks associated with the Invoice<br>Provide atleast one Taskifmerchant<br>does notprovide any Item. | Task typearray. Refer to Task_list<br>section for structure. |

*Item_List:*

| Name | Description | Note |
|---|---|---|
| **name** | Item Name | Alphanumericwithspecialcharacters<br>(space, underscore, hyphen)(30). |
| **description** | Item description | Alphanumericwithspecialcharacters<br>(hyphen, dot, circular brackets, space,<br>comma,underscore,hash(#)<br>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<br>section for structure. |

**Task_List:**

| Name | Description | Note |
|---|---|---|
| **name** | Task Name | Alphanumericwithspecialcharacters<br>(space, underscore and hyphen)(30). |
| **notes** | Notes for the task | Alphanumericwithspecialcharacters<br>(hyphen, dot, circular brackets, space,<br>comma,underscore, hash(#)<br>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<br>section for structure. |

**Tax_List:**

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

**Note: Generate invoice without advance setting**

**XML Request:**

```xml
<?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|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.|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>
<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_Amoun 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>
```
```
        iVBORw0KGgoAAAANSUhEUgAAAH0AAAB9CAYAAACPgGwlAAAB7klEQVR42u3cUYrDMAwFQN        Qt0
        TFLrET4qtedCfQkPqMThS4qyPjMsyBNAFukAX6AJdoAt0gS7QBbpAF-
        gCXaALdlEu0KELdlEu0AW6QJfp6Gut7Z8nx 221_Ov_J_QYcOHfpB6F3HeTLgTyZM5fhAhw4d-
        kvQu9bf9PVA4n9Bhw4d-nD0X44PHTp06NCvRP_vtQF06NChQ2_vyFUOrI4cdOjQoZfdT-
```

_63v106NChD0TvmlSJTt0V4wUdOnTodSjp—
m7OntKNujQoUPfMshdXbj0hovO6wTo0KFDb5oMiY0JiU5a5TlDhw4d-
qEduV03QbrKzF0TDDp06NCHlGy7BrmyTNORgw4d-
kD09H6xxG93TdpOaOjQoUNvKn92lW9d62xiKzR06NChH1qyVb6iM3HM9GYK6NChQ9eR2wLX9bbq6
0s26NChT3sw8m0dv8QLjsZ25KBDh_5xw6V8g0BlCTb2aVjo0KFPQ08fp_Il_-
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">
</Generate_Invoice_Result>

**Json Response: 1.Success**

{

        "error_desc":"",

        "invoice_id":"5122799",

        "tiny_url":"http://payit.cc/I5122799",

        "qr_code":"iVBORw0KGgoAAAANSUhEUgAAAH0AAAB9CAYAAACPgGwlAAAB-
klEQVR42u3dUY7CMAwFwNz_0rsnQFo2frWTzpP4Q6V0IiV2U1g_8roslwC6QBfoAl2gC3SBLtAFukAX6AJdoAt0
gS7QBTp0gS7QBbpAF-jydvS1Vvlr57M-vf8vx-z6XtChQ4c-HL3rODsDYGfAPHl9oEOHDn0Ienr- rVoPTPhe0KFDh_5C9G-
Pv1N2QYcOHTr0Uehd5wMdOnToOnllx0ncyNCRgw4dOvR_d8nSpVPXGsD9dOjQoV- M_mSevFFy7DWCDh069OycXrUe-
Paz0qDTBwx06NChP1iy7cAlOl1V5zxxnQAdOnToTWVU17aonXk5cc7QoUOHflBHLrF9KHFh04Ohau0BHTp06A
PREyXPtO5f1ZoHOnTo0A_qyFXNlV0POyTWIdChQ4d-",

        "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 l

*Example:*

0 **|** 5089334 **|** iVBORw0KGgoAAAANSUhEUgAAAH0AAAB9CAYAAACPgGwlAAAB6UlEQVR42u3dQW7DMAwEQP
3_08kXEpgr0tIs0EvRurHHgETKctdHrstyCaALdlEu0AW6QBfoAl2gC3SBLtAFukAXGlvG3To0KGPunkSmxF05KBD h35hyZYe-
9LHTMwxoEOHDv3Cjlyiu5VeHJnYhYMOHTr0jeg7S6fEurnHpaBDhw591H6xrtd-
KtmgQ4cOvWXfWQJx4tsqoEOHDv0lHbn0freqbps3UUCHDv1g9J3_wyV9I3kaFjp06J57l0GBDl2gC3SBLtAFukA
X6AJdoAt0gS7QBbpAF-gCHbpAF-
gCXaALdJmcLyERMkikhZ8LAAAAAElFTkSuQmCC|http://payit.cc/l5089334 **|** 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 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 StatesDollar **SGD** – Singapore Dollar**GBP**– PoundSterling
**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 andconditions to be present inthe Invoice | AlphaNumeric with special characters(hyphen, dot, circular brackets and ampersand)(500) |
| **customer_mobile_no** (*required*) | Mobilenumberofthecustomerreceivingthe Invoice | Numeric(10). |
| **due_date** (*required*) | Invoice Due date | Numeric(3) |
| **late_payment_fees** (**conditional**) | Feestobe chargedincaseoflatepayment.

Late_payment_fees is requiredifmerchant providelate_payment_fees_type. | Decimal(12,2). |
| **late_payment_fees_typ e** (**conditional**) | Unit representation of late_payment_fees.

Late_payment_fees type is required if merchant provide late_payment_fees. | Possiblevalueforlatepaymentfees type is **Perc∕Flat**. |
| **discount_if_paid_within _due_date** (**conditional**) | Number ofdays prior toduedatewhenan 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 15th Jan 2014 discount_if_paid_within_due_date is 4
i.e.Discountisapplicableupto 11th Jan 2014. |

| | | |
|---|---|---|
| **discount_value** **(**conditional) | Discount to be appliedifthe abovecondition is true. | Decimal(12,2). |
| | Discount value is required if merchant provide discount type. | |
| **discount_type** (conditional) | Unit representation of discount_value. | Possiblevalueforlatepaymentfees type is **Perc∕Flat**. |
| | Discount type is required if merchant provide discount value. | |
| **Occurences** (conditional) | Number of occurrences for Invoice | Numeric(3). |
| | Occurrences is requiredifmerchantprovide Frequency. | |
| **Frequency** (conditional) | Frequency for generating the occurrences | Possible values for frequency are **Daily/Monthly/Quarterly/ Yearly**. |
| | Frequency is required if merchant provide Start_date. | |
| **start_date** (conditional) | Start date specifies 1$^{st}$ occurrence. | Date format in **dd-mm-yyyy**. |
| | Start_date is required if merchant provide Occurrences. | |
| **item_List** (conditional) | Items associated with the Invoice. | Itemtype array. RefertoItem_list section for structure. |
| | Provide at leastone Item ifmerchant does not provide any Task. | |
| **task_List** (*conditional*) | Tasks associated with the Invoice | Task type array.Refer toTask_list section for structure. |
| | Provide at least one Taskif merchant does not provide anyItem. | |

**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>
```

```xml
<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" />
        </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",
        "occurences": "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|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^Task_Name|Task_Rate|Task_Hours|Task_Notes~Tax_Name|Tax_Amount|Tax_Name|Tax_Amount| Start_Date **|** Frequecy **|** Occurences|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&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>
```

```xml
<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>
<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",
        "occurences": "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 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_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^Task_Name|Task_Rate|Task_Hours|Task_Notes~Tax_Name|Tax_Amount|Tax_Name|Tax_Amount|
Start_Date **|** Frequecy **|** Occurences|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_Namebill# Invoice_IDforInvoice_CurrencyInvoice_Amountorpayonlineat
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**<br>(*required*) | AES encrypted request data | |
| **access_code**<br>(*required*) | This is the access code for your application. Youmustsendthiswith each request. | |
| **request_type**<br>(*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<br><br>Example:<br>**INR** – Indian Rupee<br>**USD** – United States Dollar<br>**SGD** – Singapore Dollar<br>**GBP** – Pound Sterling<br>**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 *decodeBase64* algorithm. | String(Attachment file size up to MOB) |

**XML Request:**

```xml
<?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_Currency Invoice_Amount online at
        Pay_Link.</sms_content>
        <files>

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

**Json Request:**

```json
{
        "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   022-2121212121topayyour LegalEntity_Namebill#               Invoice_ID for
Invoice_CurrencyInvoice_AmountorpayonlineatPay_Link.",
        "files": [{
                "name": "Test.doc",
                "content": "77u/SGVsbG8gaW5kaWWEK"
            }]
}

**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|mobil
e_no|sms_content|customer_email_id|customer_email_subject|invoice_description | file_name| file_content^
file_name|file_content |

**Example:** xxxxxxx|INR|2|days|1.00|SMS|123456987|44785555654|4444545477878|sub1|terms and
condition|9874563215|Plscall 022-2121212121topayyourLegalEntity_Namebill# 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/SGVsbG8gaW5kaWWEK |

**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>
        iVBORw0KGgoAAAANSUhEUgAAAH0AAAB9CAYAAACPgGwlAAAB7klEQVR42u3cUYrDMAwFQN          Qt0
        TFLrET4qtedCfQkPqMThS4qyPjMsyBNAFukAX6AJdoAt0gS7QBbpAF-
        gCXaALdlEu0KELdlEu0AW6QJfp6Gut7Z8nx 221_Ov_J_QYcOHfpB6F3HeTLgTyZM5fhAhw4d-
        kvQu9bf9PVA4n9Bhw4d-nD0X44PHTp06NCvRP_vtQF06NChQ2_vyFUOrl4cdOjQoZfdT-
        _63v106NChD0TvmISJTt0V4wUdOnTodSjp—
        m7OntKNujQoUPfMshdXbj0hovO6wTo0KFDb5oMiY0JiU5a5TlDhw4d-
        qEduV03QbrKzF0TDDp06NCHlGy7BrmyTNORgw4d-
        kD09H6xxG93TdpOaOjQoUNvKn92lW9d62xiKzR06NChH1qyVb6iM3HM9GYK6NChQ9eR2wLX9bbq6
        0s26NChT3sw8m0dv8QLjsZ25KBDh_5xw6V8g0BlCTb2aVjo0KFPQ08fp_Il_-
        kSFTp06NAPRe9aW7s6e68pcaFDhw79PPR0idR1ztChQ4c-
        EP3Jup8oFSuf2oUOHTr0izty6S3MifUdOnTo0C9D73rKNN2F23U9AB06dOgHocu7Ah26QBfoAl2gC3SBL
        tAFukAX6AJdoAt0gS7QBTp0gS7QBbpAF-jy5vwB_TaQ25UAXPwAAAAASUVORK5CYII
        </qr_code>
<tiny_url>http://payit.cc/I5122841</tiny_url>

</Generate_Invoice_Result>

**2. Failure**

```xml
<?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":"iVBORw0KGgoAAAANSUhEUgAAAH0AAAB9CAYAAACPgGwlAAAB-
klEQVR42u3dUY7CMAwFwFwNz_0rsnQFo2frWTzpP4Q6V0IiV2U1g_8roslwC6QBfoAl2gC3SBLtAFukAX6AJdoAt0
gS7QBTp0gS7QBbpAF-jydvS1Vvlr57M-vf8vx-z6XtChQ4c-HL3rODsDYGfAPHl9oEOHDn0Ienr- rVoPTPhe0KFDh_5C9G-
Pv1N2QYcOHTr0Uehd5wMdOnToOnllx0ncyNCRgw4dOvR_d8nSpVPXGsD9dOjQoV- M_mSevFFy7DWCDh069OycXrUe-
Paz0qDTBwx06NChP1iy7cAlOl1V5zxxnQAdOnToTWVU17aonXk5cc7QoUOHflBHLrF9KHFh04Ohau0BHTp06A
PREyXPtO5f1ZoHOnTo0A_qyFXNlV0POyTWIdChQ4d-",

        "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 l

*Example:*

0 **|** 5089334 **|** iVBORw0KGgoAAAANSUhEUgAAAH0AAAB9CAYAAACPgGwlAAAB6UlEQVR42u3dQW7DMAwEQP
3_08kXEpgr0tIs0EvRurHHgETKctdHrstyCaALdlEu0AW6QBfoAl2gC3SBLtAFukAXGIvG3To0KGPunkSmxF05KBD h35hyZYe-
9LHTMwxoEOHDv3Cjlyiu5VeHJnYhYMOHTr0jeg7S6fEurnHpaBDhw591H6xrtd-
KtmgQ4cOvWXfWQJx4tsqoEOHDv0lHbn0freqbps3UUCHDv1g9J3_wyV9I3kaFjp06J57l0GBDl2gC3SBLtAFukA
X6AJdoAt0gS7QBbpAF-gCHbpAF-
gCXaALdJmcLyERMkikhZ8LAAAAAElFTkSuQmCC|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.Merchanthastosendthecommand,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. Youmustsendthiswitheachrequest. | |
| **request_type** (*required*) | API requests are accepted in XML, JSON or String. Specify the request type. | Possiblevalueforrequest_typeis **"XML"** or **"JSON"** or **"STRING"**. |
| **response_type** (*optional*) | API returns XML, JSON or String responses. If left blank,the responsewill be inthesame format as request. | Possiblevalueforresponse_typeis **"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**=xxxxxxxxxxxxx&**command**=getInvoiceItems&**request_type**=xml&**response_type**=xml

**Response Parameters**

| Name | Description | Note |
|------|-------------|------|
| **status** | This stateswhetherthe callwassuccessfulor not. If value of this parameter is "1" then you need not decrypt the enc_response as it will contain plain errormessage. | Value"0"denotes that theAPI callwas notsuccessful. Value "1" denotes API call failure. On enc_response is plaintextrepresenting the error message. |
| **enc_response** | AES encrypted response containing format as per *response_type* | |
| **error_desc** | ThisAttributecontainsthedescriptionofthe failurerequest processing.When status is1 thenthis attributewillgeneratethereasonfor failure. | Please refer <u>below table</u> for the failure message. |
| **error_code** | Error code for Failure reason. | String Please refer <u>below table</u> for failure message. |
| **item_List** | List ofall item/taskwhichisconfigured for the merchant | Item List type array. Refer to <u>Item_List</u>sectionforstructure |

**Item List:**

| Name | Description | Note |
|------|-------------|------|
| **description** | Descriptive informationaboutthe Item/task. | Alphanumeric with special characters(hyphen, dot, circular brackets, space, comma , underscore,hash(#)andsymbol &)(60). |
| **name** | Unique name of the Item/task for the generateinvoicewhichisassignedagainstthe 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
<?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
<?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:**
```json
{
        "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:**
```json
{
        "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 haveto decrypt the above responsefrom"enc_response" parameter. Kindly refer to the decryptionsection.

15. **Invoice  Lookup**

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

**Request Parameters**

| Name | Description | value |
|---|---|---|
| **enc_request**<br>(*required*) | AES encrypted request data | |
| **access_code**<br>(*required*) | Unique CCAvenue access code which is generatedwhenmerchants registeredtheir IP address. Youmustsendthiswitheachrequest. | |
| **request_type**<br>(*required*) | API requests are accepted in XML, JSON or String. Specify the request type. | Possiblevalueforrequest_typeis **"XML"** or **"JSON"** or **"STRING"**. |
| **response_type**<br>(*optional*) | API returns response in XML, JSON or String format.If leftblank,the responsewill be inthe same format as request. | Possiblevalueforresponse_typeis **"XML"** or **"JSON"** or **"STRING"**. |
| **Command**<br> (*required*) | Command valuespecifies theAPI calls.You must send this with each request. | Possible value for this API call is **"invoiceList"**. |

| | | |
|---|---|---|
| **from_date**<br>*(conditional)* | Mandatory along with to_date if no other criteria mentioned | Datemustbedd-mm-yyyyformat. |
| **to_date**<br>*(conditional)* | Mandatory along with from_date if no other criteria mentioned | Datemustbedd-mm-yyyyformat. |
| **max_amount**<br>*(optional)* | Max amount of the invoice to be searched | Decimal(12,2) |
| **min_amount**<br>*(optional)* | Min amount of the invoice to be searched | Decimal(12,2) |
| **created_by**<br>*(optional)* | Uniqueidentificationofthe merchantfor the generate invoice. | String(Unique id of Merchant) |
| **mobile_no**<br>*(optional)* | Customer mobile number for the generate invoice. | Numbers(10) |
| **email_id**<br>*(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**<br>*(optional)* | Unique CCAvenue reference number for the transaction. | Numeric(25) |
| **invoice_id**<br>*(optional)* | Unique CCAvenue bill id for the generate invoice. | Numeric value(25) |
| **invoice_type**<br>*(optional)* | Provide only possible value of the invoice type. | Thepossiblevalues for invoice type is **quick/invoice/recurring** |
| **page_no**<br>*(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>
```

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```
        <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 | Thisstateswhetherthecallwassuccessfulor not. Ifvalue ofthisparameter is"1"thenyou need notdecrypt the enc_response as itwill contain plain errormessage. | Value"0"denotes that the API call was successful. Value "1" denotes API call failure. On enc_response is plaintextrepresenting the error message. |
| enc_response | AESencryptedresponsecontainingformat as per *response_type* | |
| 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(#), circularbracketsanddot)(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 | EmailAddressoftheOrderfor 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'pincodeforthe order. | 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. | Possiblevaluefor devicetypeis **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<br>Possible Values are:<br>1) Value"**High**" denotes"High Risk"<br>2) Value"**Low**" denotes"Low Risk"<br>3) Value"**NR**"denotes"No Risk"<br>4) Value "**GA**" denotes "Go Ahead"<br>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 ofthe order. Itcan besingle ormultiple. | String<br>Possible values are:<br>**Aborted (transaction is cancelled by the User)**<br>**Auto-Cancelled (**transactionhas not confirmed within 12 days hence auto cancelled by system**)**<br>**Auto-Reversed (**two identical transactions for same order number, both were successful at bank's end but we got responseforonly oneofthem, then next day during reconciliation we mark one of thetransaction as autoreversed **)**<br>**Awaited (**transaction is processedfrombillingshipping page but no response is received**)**<br>**Cancelled (**transaction is cancelled by merchant **)**<br>**Chargeback**()<br>**Invalid**(Transaction sent to CCAvenue with Invalid parameters, hence could not be processed further)<br>**Fraud(**weupdatethisduring recon,theamountisdifferent at bank'sendandatCCAvenue due totampering**)**<br>**Initiated (**transaction just arrived onbilling shippingpage and not processed further **)**<br>**Refunded (**Transaction is refunded.**)**<br>**Shipped (transaction is confirmed)**<br>Successful<br>**System refund (**Refunded by CCAvenue for various find of reversals by CCAvenue**)**<br>**Unsuccessful (**transaction is not successful**)** |

| 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** | AmountofTDS(taxdeductedatsource)for the Transaction. | Decimal(13,4). |
| **reference_no** | Unique CCAvenue reference no for the transaction. | Numeric(25). |
| **error_desc** | ThisAttributecontainsthedescriptionofthe failure requestprocessing.When status is1 then this attributewill generate thereasonfor failure. | Please refer <u>below table</u> for the failure message. |
| **error_code** | Error code for Failure reason. | String Please refer <u>below table</u> for failure message. |
| **page_count** | Totalpagesavailablebasedon*no_of_records* in the request | Numeric(25). |
| **total_records** | Total no.of orders matching the lookup criteria. | |

**Example XML Response**

**Success:**
```xml
<?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="xxxxxxxx"
        order_Amt="xx.xx"
        order_Bank_Mid="xxxxxxxx"
        order_Bank_Ref_No="xxxxxxxx"
        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="xxxxxxxxxx"
        order_Bill_Zip="xxxxxx"
```

```
                    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="xxxxxxxxxx"
                    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_Address|Order_Bill_City|Order_Bill_State|Order_Bill_Country|Order_Bill_Zip|Order_Ship_Name|Order_Ship_Email|Order_Ship_Tel|Order_Ship_Address|Order_Ship_City|Order_Ship_State|Order_Ship_Country|Order_Ship_Zip^|

**Success:**

1 **|** 1 **|** xxxxxx|xxxxxxx|API|xxxxx|xx-xxx|xxxx|xx.xx|xxxx-xx-xx xx:xx:xx.xxx||xxx.xxx.xxx.xxx|xxxx|xxxxxxx|xxxxxxx|xxxxxx|xxxx-xx-xx xx:xx:xx.xxx|xx|xxxxxx|xxxx|xxxx|xx.xx|x.x|x.xx|x.x|xx.x|x.xxxx||xxxx|xxxx@xxx.com|xxxxxxxx|xxx|xxxx|xxxx|xxxx|xxxx|xxxx xxxx||xxxxxxx|xxxxx xxxx|xxxxxx|xx|xxxxx|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 Invoicereference Number API call is usedto update Invoice reference number ifthesame 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. Youmustsendthiswitheachrequest. | |
| **request_type** (*required*) | API requests are accepted in XML,JSONor String. Specify the request type. | Possiblevalueforrequest_typeis "**XML**" or "**JSON**" or "**STRING**". |
| **response_type** (*optional*) | API returns response in XML, JSON or String format.Ifleftblank,the responsewill be inthe same format as request. | Possiblevalueforresponse_typeis is "**XML**" or "**JSON**" or "**STRING**". |
| **Command** (*required*) | Command valuespecifies 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 updateagainst CCAvenuebillid(invoiceid). | 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** | Thisstateswhetherthecallwassuccessfulor not. Ifvalue ofthisparameter is"1"thenyou need notdecrypt theenc_response as itwill contain plain errormessage. | Value"0"denotes that the API call was successful. Value"1" denotes API call failure. On enc_response is plain text representingtheerror message. |
| **enc_response** | AESencryptedresponsecontainingformat as per *response_type* | |
| **error_desc** | Failurere as on ifupdate merchant reference numberis notgoingto beupdatedsuccessfully for the generatedinvoice. | Please refer belowtablefor the failure message. |
| **error_code** | Error code for Failure reason. | String Please refer below tablefor failure message. |
| **update_status** | Merchant update status specifies the status of update merchantreferencenumber. | 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*) | AP Irequests 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**<br>*(required)* | Merchantcan update oneparamvalue against uniquereference no after placing order. | Alphanumeric with special characters(comma, hyphen, backslash and dot)(100) |
| **param_value1**<br>*(optional)* | Merchantcan update oneparamvalue against uniquereference no after placing order. | Alphanumeric with special characters(comma, hyphen, backslash and dot)(100) |
| **param_value2**<br>*(optional)* | Merchantcan update oneparamvalue against uniquereference no after placing order. | Alphanumeric with special characters(comma, hyphen, backslash and dot)(100) |
| **param_value3**<br>*(optional)* | Merchantcan updateoneparam value against uniquereference no after placing order. | Alphanumeric with special characters(comma, hyphen, backslash and dot)(100). |
| **param_value4**<br>*(optional)* | Merchantcan update oneparamvalue against uniquereference 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 *response_type* | |
| **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. Youmust send thiswitheach request. | |
| **request_type** (*required*) | API requests are accepted in XML, JSON or String. Specify the request type. | Possiblevalueforrequest_type is **"XML"** or **"JSON"** or **"STRING"**. |
| **response_type** (*optional*) | API returns XML, JSON or String responses. If left blank,the responsewill beinthesame 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 valueforthisAPIcall 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**<br>*(required)* | Billing state for order | Alphanumeric with special characters (hyphen, dot and space)(30). |
| **bill_country**<br>*(required)* | Billing country for order | Alphanumeric with special characters (space)(30). |
| **bill_zip**<br>*(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 *response_type* | |
| error_desc | Failure reason if billing details are not updated successfully. | String Please refer below tablefor failure message. |
| error_code | Error code for Failure reason. | String Please refer below tablefor failure message. |
| update_status | Update_status denotes whether Billing informationhavebeenupdatedsuccessfully 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 decryptionsection.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. Youmustsendthiswitheachrequest. | |
| **request_type** (*required*) | API requests are accepted inXML, JSON or String. Specify the request type. | Possiblevalueforrequest_type is **"XML"** or **"JSON"** or **"STRING"** |
| **response_type** (*optional*) | APIreturnsresponsesinXML, JSONor String format.Ifleftblank,the responsewillbe inthe same format as the request. | Possible value for response_type is **"XML"** or **"JSON"** or **"STRING"** |
| **Command** (*required*) | Command valuespecifies theAPI calls.You must send this with each request. | PossiblevalueforthisAPIcallis **"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. Kindlyrefertotheencryptionsection.**

**Response Parameters**

| Name | Description | Note |
|------|-------------|------|
| status | Thisstateswhetherthecallwassuccessfulor not. If thevalue ofthis parameter is"1" then you need notdecrypt the enc_response asit will contain theplain errormessage. | Value **"0"** denotesthatthe APIcall was successful. Value**"1"** denotes APIcallfailure. On enc_response is plain text representingtheerrormessage. |
| enc_response | AESencryptedresponsecontainingtheformat as per *response_type.* | |
| bin_number | Bin number that was sent in request. | Numeric(6). |

| card_name | Name of the card of the selected Bin number. | String<br>Possible values,<br>**"Visa Debit Card"**,<br><br>**"MasterCard Debit Card"**,<br><br>**"Maestro Debit Card""**,<br><br>**"Amex"**,<br><br>**"Diners Club"**,<br><br>**"DISCOVER"**,<br><br>**"JCB"**,<br><br>**"MasterCard"**,<br><br>**"Visa"** |
|---|---|---|
| **card_type** | Card type of the given bin number. | String<br>Possible values:<br>**"OPTDBCRD"**,<br>**"OPTCRDC"** |
| **payment_option** | Payment option for the card of the given bin number | String. Values<br>:<br>**OPTCRD**-credit card<br>**OPTDBCRD**-debit card |
| **issuing_bank** | Name of the bank that issue the card of the given bin number | String |
| **country** | Country of the bank that issue the card of the given bin number<br><br>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.<br>Please refer below table for failure message. |
| **error_code** | Error code for Failure. | String.<br>Please refer below table for failure message. |

**Example XML Response**

**Success:**

```xml
<?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
<?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:**

```json
{"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>
        <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 *response_type.* | |
| 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 *no_of_records* 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 below table for failure message. |
| error_code | Error code for the Failure reason. | String. Please refer below table 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 *response_type*. | |
| **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.<br><br>Examples:<br>**INR – Indian Rupee** |
| **trans_currency** | Currency in which merchant processed the transaction. | String<br>Examples:<br>**INR** – Indian Rupee<br>**USD** – United States Dollar<br>**SGD** – Singapore Dollar<br>**GBP** – Pound Sterling<br>**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<br>Please refer below table for failure message. |
|---|---|---|
| error_code | Error code for Failure reason. | String<br>Please refer below table for failure message. |

**Example XML Response**

**Success:**

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

<Payout_Summary_Result>

      

      

      <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.

&lt;/error_desc&gt;

&lt;/Payout_Summary_Result&gt;

**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":"",

    "pauyout_summary_list":{

            "pauyout_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
F5904445591304ABB2F5E58B951E39EAFB9A24584B00590ADB077ADE5E8C444EAC5A250B1EA96F68D22
E
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 (*required*) | This is the command to access the API Calls. You must send this with each request. | Value is **"getRefundDetails"** |
| --- | --- | --- |
| reference_no<br><br>(*required*) | 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 *response_type* | |
| 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 **)** <br> **Cancelled (**Transaction is cancelled by merchant **)** <br> **Refunded (**Transaction amount is refunded**)** <br> **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 <br> **TS-REFA:** Refund Awaited <br> **TS-REFF:** Refund Failed <br> **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|ref
und_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|ref
und_status|

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

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

**Sample request**

**enc_request**=63957FB55DD6E7B968A7588763E08B240878046EF2F520C44BBC63FB9CCE726209A4734877
F5904445591304ABB2F5E58B951E39EAFB9A24584B00590ADB077ADE5E8C444EAC5A250B1EA96F68D22E
44EA2515401C2CD753DBA91BD0E7DFE7341BE1E7B7550&**access_code**=8JXENNSSBEZCU8KQ&**command**=
**getSettlementDetails** &**request_type**=XML&**response_type**=XML**&version**=1.2

**Request Parameter**

| Name | Description | Note |
|---|---|---|
| **enc_request**<br>(*required*) | AES encrypted request data | |
| **access_code**<br>(*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**<br>(*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**<br>*(required)* | Unique CCAvenue reference number for the transaction. | Numeric (12) |

**Response Parameter**

| Name | Description | Note |
|---|---|---|
| **enc_response** | AES encrypted response containing format as per *response_type* | |
| **error_desc** | Reason if API call fails. | String<br>Please refer to the <u>below table fo</u>r failure message. |
| **error_code** | Error code for Failure reason. | String<br>Please refer to the <u>below table fo</u>r 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 *response_type.* | |
| **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.<br>Examples:<br><br>**INR – Indian Rupee** |
| **trans_currency** | Currency in which merchant processed the<br>transaction. | String<br><br>Examples:<br>**INR** – Indian Rupee<br>**USD** – United States Dollar<br>**SGD** – Singapore Dollar<br>**GBP** – Pound Sterling<br>**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<br>id. | String. |
| **error_desc** | Reason if customer payment option is not<br>going to be deleted successfully. | String<br><br>Please refer below table for<br>failure message. |
| **error_code** | Error code for Failure reason. | String<br>Please refer below table for<br>failure message. |

**Example XML Response**

**Success:**

```xml
<?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
<?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 Settelement 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 *response_type.* | |
| **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 dd-mm-yyyy format." | OrderLookUp |
| 51008 | Invalid Parameter | End/To Date: Invalid Parameter | "Ensure that End/To date is in dd- mm-yyyy 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 | Mobilenumber:Invalid Parameter | "Ensure that Mobile number | InvoiceLookUp, |
| | | | parameter contains 10 digits." | 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 areTASK/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' parameteris 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 valuefor billdelivery type parameter is SMS/EMAIL." | GenerateQuickInvoice |
| 51041 | Missing Parameter | Name:Requiredparameter 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 areprovided forName parameter." | UpdateBillingDetails, GenerateQuickInvoice, GenerateRecurringInvoice, PendingOrder |
| 51043 | Invalid Parameter | Name: Invalid Parameter | "Ensurethat Name parameter does not exceed60 characters." | UpdateBillingDetails, GenerateQuickInvoice, GenerateRecurringInvoice, PendingOrder |
| 51044 | Missing Parameter | Address: Required parameter missing | "Ensurethat Address parameteris 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 exceed 30 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 exceed 30 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, DeleteCustomerPayment Option, 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,Ad d customer payment option DeleteCustomerPaymentO ption, DeleteCustomer |
| 51061 | Invalid Parameter | Customer id: Invalid Parameter | "Ensure that Customer id parameter does not exceed 25 digits." | GetCustomerPaymentOptions, DeleteCustomerPayment Option, 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 doesnot | 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 that the 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_du e_date: Invalid Parameter | "Ensure that value for discount_if_paid_within_ due_date parameteris notgreaterthandue 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 | "Ensurethat 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 | "Ensurethat Late paymentfees 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 Perc/Flat." | Generate Recurring Invoice GenerateInvoice |
| 51164 | Invalid Parameter | Late paymentfees type: Invalid Parameter | "Ensure that values for Late payment fees type parameter are Perc/Flat." | 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} withunitcost{e.g. 1.23}isenabled under InvoiceSettings." | GenerateInvoice |
|---|---|---|---|---|
| 51216 | Invalid Parameters | InvoiceSetting:Invalid Parameter | "Ensure that Changing pre- populatedvalues for task {e.g. def} withunit rate{e.g.1.00}isenabled under InvoiceSettings." | Generate Recurring Invoice, GenerateInvoice |
| 51217 | Invalid Parameters | InvoiceSetting:Invalid Parameter | "Ensure that the number of hours/rateamountfor taskisvalid." | Generate Recurring Invoice, GenerateInvoice |
| 51218 | Invalid Parameters | InvoiceSetting:Invalid Parameter | "Ensure that unit cost amount/quantityforitem isvalid." | Generate Recurring Invoice, GenerateInvoice |
| 51219 | Invalid Parameters | InvoiceSetting:Invalid Parameter | "Ensure that Quick Invoice optionis enabled under InvoiceSettings." | Generate Recurring Invoice, GenerateInvoice |
| 51226 | Invalid Parameters | SMS_Content: Invalid Parameter | "Ensure that Basic placeholders should not repeated in SMS content." | Generate Recurring Invoice, GenerateInvoice |
| 51174 | Missing Parameter | Cardexpireddate: Required parameter missing | "Ensurethat Card expireddate parameter is not blank." | Add customer payment option |
| 51175 | Invalid Parameter | Cardexpired date:Invalid Parameter | "Ensure that Card expired date parameter isinMM/yyyyformat." | Add customer payment option |
| 51177 | Missing Parameter | CardNumber:Required parameter missing | "Ensurethat Card Number parameter isnot 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 | "Ensurethat Card Number parameterisnot invalid." | Add customer payment option |
| 51180 | Missing Parameter | Card Name: Required parameter missing | "Ensurethat Card Name parameter is notblank." | 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 ,GenerateRecurringI nvoice |
| 51324 | Invalid Parameter | Tax List: Invalid Parameter | "Ensurethat Taxvalue matches with the given Tax name." | GenerateInvoice ,GenerateRecurringI nvoice |
| 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 |