

Transaction Junction PG Document

Merchant Details: Live

Merchant ID : f660d8c4-c839-4dac-a05d-7ea2138c5202
Profile ID (3DSecure) : 44525823-af88-427a-98bb-4f8175edc3b7
OAuth: ClientID : rk5ctkg38koapig55pckagdd
OAuth: Secret : 1r63s9aqf6to4tmeq4j229p8ioeqjmq05mcf5tjt7f5of3arvsbl
API Endpoint : <https://pg-api.transactionjunction.com>

Make Payment: pay.php

1. Generate Auth Token for all API
 2. Generate Payment Intent
 3. Create Session for generate payment link
 4. Redirect to payment link
 5. Get response on redirect URL
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STEP-1 : Implementation of OAuth 2.0 with Client Credentials Grant type

- POST data to Auth URL from PHP curl
- postData="grant_type=client_credentials&client_id=\$client_id&client_secret=\$client_secret"
- In Header send - Accept: application/json
- In Header send - Content-Type: application/x-www-form-urlencoded
- \$url=<https://prod-ipgw-oauth.auth.eu-west-1.amazonaws.com/oauth2/token>;

Example:

```
$curl = curl_init();  
  
curl_setopt_array($curl, [  
    CURLOPT_URL => $url,  
    CURLOPT_RETURNTRANSFER => true,  
    CURLOPT_ENCODING => "",  
    CURLOPT_MAXREDIRS => 10,  
    CURLOPT_TIMEOUT => 30,  
    CURLOPT_HTTP_VERSION => CURL_HTTP_VERSION_1_1,  
    CURLOPT_CUSTOMREQUEST => "POST",  
    CURLOPT_POSTFIELDS => "grant_type=client_credentials&client_id=$client_id&client_secret=$client_secret",  
    CURLOPT_HTTPHEADER => [  
        "Accept: application/json",  
        "Content-Type: application/x-www-form-urlencoded"  
    ],  
]);  
  
echo $response = curl_exec($curl);
```

- if Received Access Token save for pass in 2nd Step

STEP-2 : Generate payment Intent Id

- POST data to Auth URL from PHP curl
- Post data merchantId, profileId, merchantRef
- Pass Access token in header "Authorization: Bearer \$access_token"
- \$merchantRef= "reference".rand(100001,9999999); /// Auto Generate Ref Number

Example:

```
$curl = curl_init();

curl_setopt_array($curl, [
    CURLOPT_URL => "https://pg-api.transactionjunction.com/prod/ipgw/gateway/v1/payment-intents",
    CURLOPT_RETURNTRANSFER => true,
    CURLOPT_ENCODING => "",
    CURLOPT_MAXREDIRS => 10,
    CURLOPT_TIMEOUT => 30,
    CURLOPT_HTTP_VERSION => CURL_HTTP_VERSION_1_1,
    CURLOPT_CUSTOMREQUEST => "POST",
    CURLOPT_POSTFIELDS => json_encode([
        "paymentIntentId" => "",
        "merchantId" => "$merchantID",
        "profileId" => "$profileID",
        "merchantRef" => "$merchantRef"
    ]),
    CURLOPT_HTTPHEADER => [
        "Accept: application/json",
        "Authorization: Bearer $access_token",
        "Content-Type: application/json"
    ],
]);

$response = curl_exec($curl);
```

- if received paymentIntentId store in variable for 3rd Step

STEP-3 : Generate payment Link

- POST data to Auth URL from PHP curl
- Post data redirectSuccessUrl, redirectFailedUrl, redirectCancelUrl, transaction and cardDetails
- In Header send - Accept: application/json
- Pass Access token in header "Authorization: Bearer \$access_token"
- In Header send - "Content-Type: application/json"

Example:

```
$resintent = json_decode($response,1);
if(isset($resintent['paymentIntentId'])&&$resintent['paymentIntentId']){
    $paymentIntentId=$resintent['paymentIntentId'];
    $merchantRef=$resintent['merchantRef'];
    $curl = curl_init();

    curl_setopt_array($curl, [
        CURLOPT_URL => "https://pg-api.transactionjunction.com/prod/ipgw/gateway/v1/sessions",
        CURLOPT_RETURNTRANSFER => true,
        CURLOPT_ENCODING => "",
        CURLOPT_MAXREDIRS => 10,
        CURLOPT_TIMEOUT => 30,
        CURLOPT_HTTP_VERSION => CURL_HTTP_VERSION_1_1,
        CURLOPT_CUSTOMREQUEST => "POST",
        CURLOPT_POSTFIELDS => json_encode([
            'redirectSuccessUrl' => $redirectSuccessUrl,
            'redirectFailedUrl' => $redirectFailedUrl,
            'redirectCancelUrl' => $redirectCancelUrl,
            'paymentMethod' => 'ALL',
            'metaData' => [
                'key' => 'value',
                'key2' => 'value2'
            ],
            'transaction' => [
                'paymentMethods' => [
                    'ALL'
                ]
            ]
        ]),
    ],
    );
```

...

```
    ],
    CURLOPT_HTTPHEADER => [
        "Accept: application/json",
        "Authorization: Bearer $access_token",
        "Content-Type: application/json"
    ],
]);

$response = curl_exec($curl);
$error = curl_error($curl);

curl_close($curl);

if ($error) {
    echo "cURL Error #:" . $error;
} else {
    //echo $response;
}

$datas = json_decode($response, 1);

$redirectUrl=$datas['redirectUrl'];
```

STEP-4 : Redirect to Generate payment Link

- If received redirectUrl from step 3 response
- Redirect to redirect URL from JS

Example:

```
$datas = json_decode($response, 1);
$redirectUrl=$datas['redirectUrl'];
if(isset($redirectUrl) && $redirectUrl) {
    ?>
    <script>
    window.location.href = "<?=$redirectUrl;?>";
    </script>
    <?php
}
```

Get Status

```
<?php
// Get query parameters from the URL
$success = isset($_GET['success']) ? $_GET['success'] : null;
$status = isset($_GET['status']) ? $_GET['status'] : null;
$merchant_ref = isset($_GET['merchant_ref']) ? $_GET['merchant_ref'] : null;
$gateway_reference = isset($_GET['gateway_reference']) ? $_GET['gateway_reference'] : null;
$transaction_id = isset($_GET['transaction_id']) ? $_GET['transaction_id'] : null;
$payment_type = isset($_GET['payment_type']) ? $_GET['payment_type'] : null;
$paymentResponse = isset($_GET['paymentResponse']) ? $_GET['paymentResponse'] : null;
?>
```

Get Transaction details from Transaction ID: transaction-status-by-transactionid.php

1. Generate Auth Token for all API
1. Send Transaction ID , merchantId and profileId from query param

```
$curl = curl_init();

curl_setopt_array($curl, array(
    CURLOPT_URL => "https://pg-api.transactionjunction.com/prod/ipgw/gateway/v1/transactions/".$transactionsID,
    CURLOPT_RETURNTRANSFER => true,
    CURLOPT_ENCODING => '',
    CURLOPT_MAXREDIRS => 10,
    CURLOPT_TIMEOUT => 0,
    CURLOPT_FOLLOWLOCATION => true,
    CURLOPT_HTTP_VERSION => CURL_HTTP_VERSION_1_1,
    CURLOPT_CUSTOMREQUEST => 'GET',
    CURLOPT_HTTPHEADER => array(
        "Accept: application/json",
        "Authorization: Bearer $access_token",
        "Content-Type: application/json"
    ),
));

$response = curl_exec($curl);
```

Get Transaction details from Merchant Reference: transaction-status-by-merchantref.php

1. Generate Auth Token for all API
2. Send merchantRef , merchantId and profileId from query param

```
$curl = curl_init();

curl_setopt_array($curl, array(
    CURLOPT_URL => "https://pg-api.transactionjunction.com/prod/ipgw/gateway/v1/transactions/search?merchantRef={$merchantRef}&merchantId={$merchantID}&profileId={$profileID}",
    CURLOPT_RETURNTRANSFER => true,
    CURLOPT_ENCODING => '',
    CURLOPT_MAXREDIRS => 10,
    CURLOPT_TIMEOUT => 0,
    CURLOPT_FOLLOWLOCATION => true,
    CURLOPT_HTTP_VERSION => CURL_HTTP_VERSION_1_1,
    CURLOPT_CUSTOMREQUEST => 'GET',
    CURLOPT_HTTPHEADER => array(
        "Accept: application/json",
        "Authorization: Bearer $access_token",
        "Content-Type: application/json"
    ),
));

$response = curl_exec($curl);
```

For Settle: settle.php

2. Generate Auth Token for all API
3. Post Transaction ID with merchantId and profileId

```
$curl = curl_init();

curl_setopt_array($curl, array(
    CURLOPT_URL => 'https://pg-api.transactionjunction.com/prod/ipgw/cnp/v1/online/settle',
    CURLOPT_RETURNTRANSFER => true,
    CURLOPT_ENCODING => '',
    CURLOPT_MAXREDIRS => 10,
    CURLOPT_TIMEOUT => 0,
    CURLOPT_FOLLOWLOCATION => true,
    CURLOPT_HTTP_VERSION => CURL_HTTP_VERSION_1_1,
    CURLOPT_CUSTOMREQUEST => 'POST',
    CURLOPT_POSTFIELDS => '{
        "merchantId": "'. $merchantID .'",
        "profileId": "'. $profileID .'",
        "transactionId": "'. $transactionsID .'"
    }',
    CURLOPT_HTTPHEADER => array(
        "Accept: application/json",
        "Authorization: Bearer $access_token",
        "Content-Type: application/json"
    ),
));

$response = curl_exec($curl);
```

For Reverse: reverse.php

1. Generate Auth Token for all API
2. Post Transaction ID with merchantId and profileId

```
$curl = curl_init();

curl_setopt_array($curl, array(
    CURLOPT_URL => 'https://pg-api.transactionjunction.com/prod/ipgw/cnp/v1/online/reverse',
    CURLOPT_RETURNTRANSFER => true,
    CURLOPT_ENCODING => '',
    CURLOPT_MAXREDIRS => 10,
    CURLOPT_TIMEOUT => 0,
    CURLOPT_FOLLOWLOCATION => true,
    CURLOPT_HTTP_VERSION => CURL_HTTP_VERSION_1_1,
    CURLOPT_CUSTOMREQUEST => 'POST',
    CURLOPT_POSTFIELDS => '{
        "merchantId": "'. $merchantID .'",
        "profileId": "'. $profileID .'",
        "transactionId": "'. $transactionsID .'"
    }',
    CURLOPT_HTTPHEADER => array(
        "Accept: application/json",
        "Authorization: Bearer $access_token",
        "Content-Type: application/json"
    ),
));

$response = curl_exec($curl);
```

For Refund : refund.php

1. Generate Auth Token for all API
2. Post merchantId, profileId, transactionId, amount, currencyCode

```
$curl = curl_init();
curl_setopt_array($curl, array(
    CURLOPT_URL => 'https://pg-api.transactionjunction.com/prod/ipgw/cnp/v1/online/refund',
    CURLOPT_RETURNTRANSFER => true,
    CURLOPT_ENCODING => '',
    CURLOPT_MAXREDIRS => 10,
    CURLOPT_TIMEOUT => 0,
    CURLOPT_FOLLOWLOCATION => true,
    CURLOPT_HTTP_VERSION => CURL_HTTP_VERSION_1_1,
    CURLOPT_CUSTOMREQUEST => 'POST',
    CURLOPT_POSTFIELDS => '{
        "merchantId": "'. $merchantID .'",
        "profileId": "'. $profileID .'",
        "transactionId": "'. $transactionsID .'",
        "amount": '. $amount .',
        "currencyCode": "'. $currencyCode .'"
    }',
    CURLOPT_HTTPHEADER => array(
        "Accept: application/json",
        "Authorization: Bearer $access_token",
        "Content-Type: application/json"
    ),
));

$response = curl_exec($curl);
```
