

Sandbox Integration Worksheet – Darby

This worksheet provides account and URL information that are required for merchant integration testing.

Engine Information

These URLs are used by the client application to submit transactions to the API.

Hosted Payment Page (HPP)

<https://sandbox-engine.thesolution.com/engine/hpp/>

Processing Merchant Accounts (MID)

This is the processing merchant account that has been configured in the test system.

MERCHANT ID	dfc3a296-3faf-4a1d-a075-f72f1b67dd2a
SECRET KEY	6cbfa34e-91a7-421a-8dde-069fc0f5e0b8

*** It is important that the Secret Key is never shared and is protected within the Merchant Website (only used in server side code for generating the Request Signature or validating the Response Signature).**

Test Cards

CUP Card	
Card number	6221558812341001
Expiration Date	Month:12 Year: 18
CVN2	234
Mobile phone number	18606020687
Dynamic Verification Code	111111

Querying Transaction Results

Transaction details can be retrieved by queries posted to the engine in the format noted below. The engine processing user credentials given below will be required to retrieve the results.

Username: engine.digpanda

Password: x3Zyr8MaY7TDxj6F

Query by Transaction ID:

<https://hostname/engine/rest/merchants/{merchant-account-id}/payments/{transaction-id}>

Sample:

<https://sandbox-engine.thesolution.com/engine/rest/merchants/dfc3a296-3faf-4a1d-a075-f72f1b67dd2a/payments/af3864e1-0b2b-11e6-9e82-00163e64ea9f>

Transaction Details	
Transaction Id	af3864e1-0b2b-11e6-9e82-00163e64ea9f
Parent Transaction Id	90806161-0b2b-11e6-9e82-00163e64ea9f
Completion Timestamp (GMT)	2016-04-25T21:21:33.000Z
Merchant Account Id	dfc3a296-3faf-4a1d-a075-f72f1b67dd2a
Transaction Type	DEBIT
Transaction State	SUCCESS
Requested Amount	1.01
Currency	CNY
Payment Method	UPOP
Authorization Code	134417
Request Id	ca077aff-b2e0-0e0b-3be2-08aa3b888b52
IP Address	127.0.0.1
Order Number	123456
Order Details	1 widget
API Name	elastic-payment-page-nvp
Card holder Details	
First Name	John
Last Name	Doe
Email	john.doe@wirecard.com
Phone	1 555 555 5555
Street Line 1	123 test
City	Toronto
State	ON
Country	CA
Post Code	M4P1E8

<https://wirecard-sandbox-engine.thesolution.com/engine/rest/merchants/a5d65922-4a01-48c6-8d58-5c9805aa6f44/payments/8fd749dd-8d57-11e5-b210-00163e133e57>

Query by Request ID:

<https://sandbox-engine.thesolution.com/engine/rest/merchants/dfc3a296-3faf-4a1d-a075-f72f1b67dd2a/payments/search?payment.request-id=ca077aff-b2e0-0e0b-3be2-08aa3b888b52>

Documentation

The URL below links directly to our documentation site that contains complete information, including samples, to facilitate merchant integration.

<http://docs.elastic-payments.com/>

Contact Information

For assistance on integration, please contact our support team at netops@wirecard.com

Sample:

HPP - NVP

(If required, XML samples can be provided as well)

Request Header

```
Request URL=https://sandbox-engine.thesolution.com/engine/hpp/
Request Method=POST
Status Code=302 Found
Accept=text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,*/*;q=0.8
Accept-Encoding=gzip, deflate
Accept-Language=en-US,en;q=0.8
Content-Type=application/x-www-form-urlencoded
Host=sandbox-engine.thesolution.com
```

Form Data

```
requested_amount:1.01
requested_amount_currency:CNY
locale:en
order_number:123456
order_detail:1 widget
form_url=https://sandbox-engine.thesolution.com/engine/hpp/
request_id:ca077aff-b2e0-0e0b-3be2-08aa3b888b52
request_time_stamp:20160425212012
merchant_account_id:dfc3a296-3faf-4a1d-a075-f72f1b67dd2a
payment_method:upop
transaction_type:debit
redirect_url=https://sandbox-engine.thesolution.com/shop/complete.jsp?state=success&
request_signature:723e75bfe0b730282a754c054389c09043e67e2bd75f96ff64f4939ceaaa09f6
psp_name:demo
success_redirect_url=https://sandbox-engine.thesolution.com/shop/complete.jsp?state=success&
fail_redirect_url=https://sandbox-engine.thesolution.com/shop/complete.jsp?state=failed&
cancel_redirect_url=https://sandbox-engine.thesolution.com/shop/complete.jsp?state=cancel&
processing_redirect_url=https://sandbox-engine.thesolution.com/shop/complete.jsp?state=processing&
first_name:John
last_name:Doe
email:john.doe@wirecard.com
phone:1 555 555 5555
street1:123 test
street2:
city:Toronto
state:ON
postal_code:M4P1E8
country:CA
```

Response Headers:

```
Accept=text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,*/*;q=0.8
Accept-Encoding=gzip, deflate
Accept-Language=en-US,en;q=0.8
Connection=keep-alive
Content-Length=836
Content-Type=application/x-www-form-urlencoded
Cookie=locale=en
Host=wirecard-sandbox-engine.thesolution.com
Origin=https://sandbox-engine.thesolution.com
Referer=https://sandbox-engine.thesolution.com/engine/hpp/processing?payment_method=upop&request_time_stamp=20160425212122
&request_id=ca077aff-b2e0-0e0b-3be2-08aa3b888b52&merchant_account_id=dfc3a296-3faf-4a1d-a075-f72f1b67dd2a&
request_signature=8e50286f56d1d0931268343937708c4f535d9861ae2d4783dbeb407df4b0bef0&locale=en&psp_name=demo&locale=zh_CN
```

Form Data

```
psp_name:demo
country:CA
response_signature:9b35af31648e8134b86aebaeacdb10e24b7ec0e703c8bb142ed82c53fd19f91d
city:Toronto
locale:en
requested_amount:1.010000
completion_time_stamp:20160425212133
```

```
authorization_code:134417
merchant_account_id:dfc3a296-3faf-4a1d-a075-f72f1b67dd2a
street1:123 test
state:ON
first_name:John
email:john.doe@wirecard.com
transaction_id:af3864e1-0b2b-11e6-9e82-00163e64ea9f
last_name:Doe
transaction_type:debit
status_code_1:201.0000
status_description_1:The resource was successfully created.
phone:1 555 555 5555
transaction_state:succes
requested_amount_currency:CNY
postal_code:M4P1E8
request_id:ca077aff-b2e0-0e0b-3be2-08aa3b888b52
```

Processing payment flow:

On successful authentication on the Elastic Engine, you be redirected to the UPOP processing page:



Home | Help | 简体中文 ▾ 24 Hours Hotline **95516**

Order Amount: **3.00** CNY

Order Number: 58699791966218430361 Merchant Name: Darby

[Order details\[+\]](#)

UnionPay Card Payment

Pay as a guest

1. Enter card NO. ➡ 2. Verify card Info. ➡ 3. Complete

6221 5588 1234 1001

Next

Login and pay

User name: [Sign up](#)

Password: [Forgot password?](#)

Log in

Enter the required card number provided and Next.

Order Amount: 3.00 CNY

Order Number: 58025441930609274102 Merchant Name: Darby

[Order details\[+\]](#)

UnionPay Card Payment

Card Number: 6221****1001 (CreditCard) [Choose other card](#)

Expiration Date: 12 MM 18 YY
Please enter expiration date of your bank card. e.g. 09/13

CVN2: ...
Please enter the last three digits on the back of your card

Mobile Phone Number: 186****687 [Is it changed?](#)

SMS Code: 111111 [Free SMS](#)
Please enter the SMS verification code you received

[Confirm and Pay](#)



VALID THRU 09/13
Validation Date(e.g. 09/13)



The last 3 digits on the card back

Enter Expiration date. If prompted, install the Upop plug-in to activate the CVN2 field.

Right click on the CVN2 text box and select 'Run this plug-in'. Enter the CVN2 and the SMS Verification Code provided.

Order Amount: 3.00 CNY

Order Number: 58025441930609274102 Merchant Name: Darby

[Order details\[+\]](#)

UnionPay Card Payment

✖ SMS Code is Incorrect_Try Again Later.

Card Number: 6221****1001 (CreditCard) [Choose other card](#)

Expiration Date: 12 MM 18 YY
Please enter expiration date of your bank card. e.g. 09/13

CVN2:
Please enter the last three digits on the back of your card

Mobile Phone Number: 186****687 [Is it changed?](#)

SMS Code: [Free SMS](#)
Please enter the SMS verification code you received

[Confirm and Pay](#)

If the provided SMS Code is not accepted, click on the 'Free SMS' button.

Re-enter the provided code again and select 'Confirm and Pay'.



Payment Successful

Your payment has been processed successfully.

[View Parameters](#)[Submit Another Payment](#)

On successful payment you be presented with the success response.