

KNET PAYMENT INTEGRATION

REQUIREMENT :

Customers can apply to Knet for Knet Portal Login Access. On the Knet Portal Dashboard, customer can get the below information:

Transportal ID : **192201**

Transportal Password : **192201pg**

Terminal Resource Key : **E9N4428HYBNT531C**

Knet Payment URL

Test URL :

https://kpaytest.com.kw/kpg/PaymentHTTP.htm?param=paymentInit&trandata={REQUEST_PARAMETERS}

Live URL :

https://kpay.com.kw/kpg/PaymentHTTP.htm?param=paymentInit&trandata={REQUEST_PARAMETERS}

Step 1 : Initiate Payment Request

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We need to send the parameter in the query string only

id : Transportal ID

password : Transportal Password

amt : Payment Amount in Number value only. (integer or float)

trackid : Tracking ID for seller to track payment or order id

currencycode : 414 (for Kuwait Dinar)

langid : Language code : for English USA, for Arabic : AR

action : Payment Action Type. 1 = Direct Payment, 2 : Subscription

responseURL : Seller Success response URL. Full URL with https where knot sends the payment success data via post method in encrypted format. Normally this is the payment receipt page

errorURL : Seller failure response URL. Full URL with https where knot sends the payment fail data via post method in encrypted format. Normally this is the payment receipt page

udf1 : Additional parameter for seller to send any other data

udf2 : Additional parameter for seller to send any other data

udf3 : Additional parameter for seller to send any other data

udf4 : Additional parameter for seller to send any other data

udf5 : Additional parameter for seller to send any other data

udf6 : Additional parameter for seller to send any other data

Set the above all parameters in query string as below example :

id=abc2001&password=123456&amt=10&trackid=100212121¤cycode=414&langid=USA&action=1&udf1=1&udf2=testuser&udf3=cityname&udf4=emailaddress&udf5=anystring&udf6=anystring

Encrypt the above string with **encryptAES** Method by using Terminal Resource Key

Encrypted Result :

3wmgCMwsEj8kxn6CI8gK+JWhY80iDe8Og7FLXIG616AueMj5IEtK/1yr/1MJZTvbIRpYNMH8tH6K5w/m3oKxrqF/XhF/kuJ64zuAHaUbi9a2jk6VmH7bnryamebY6Sw58PUr+iewjNgZsfv0fUbD2u3HCm14tUlkpzfjf1v3NEOopz1GRVm3Wj0aY1NhlQFGS+n7683pFGob1fosN5u46KGH9EPxvuzNoM5nTuXTnl=

After Encrypting the above data contact with Success and Fail URI as below

3wmgCMwsEj8kxn6CI8gK+JWhY80iDe8Og7FLXIG616AueMj5IEtK/1yr/1MJZTvbIRpYNMH8tH6K5w/m3oKxrqF/XhF/kuJ64zuAHaUbi9a2jk6VmH7bnryamebY6Sw58PUr+iewjNgZsfv0fUbD2u3HCm14tUlkpzfjf1v3NEOopz1GRVm3Wj0aY1NhlQFGS+n7683pFGob1fosN5u46KGH9EPxvuzNoM5nTuXTnl=&tranportalId=100021212&responseURL=https://example.com/success.php&errorURL=https://example.com/fail.php

Redirect user to this below URL :

Test :

https://kpaytest.com.kw/kpg/PaymentHTTP.htm?param=paymentInit&trandata={REQUEST_PARAMETER S}

Live :

https://ktest.com.kw/kpg/PaymentHTTP.htm?param=paymentInit&trandata={REQUEST_PARAMETERS}

https://kpaytest.com.kw/kpg/PaymentHTTP.htm?param=paymentInit&trandata=3wmgCMwsEj8kxn6CI8gK+JWhY80iDe8Og7FLXIG616AueMj5IEtK/1yr/1MJZTvbIRpYNMH8tH6K5w/m3oKxrqF/XhF/kuJ64zuAHaUbi9a2jk6VmH7bnryamebY6Sw58PUr+iewjNgZsfv0fUbD2u3HCm14tUlkpzfjf1v3NEOopz1GRVm3Wj0aY1NhlQFGS+n7683pFGob1fosN5u46KGH9EPxvuzNoM5nTuXTnl=&tranportalId=100021212&responseURL=https://example.com/success.php&errorURL=https://example.com/fail.php

Users will be redirected to the Knet Payment Page.

To test the Knet payment here the Knet Test Card Details :

Success Result :

Card Number : 8888880000000001

Expiry : 09/25

PIN : 1234

Fail Result :

Card Number : 8888880000000001

Expiry : 05/25

PIN : 1234

Expiry Date Transaction Response Gateway Code

07 / 22 APPROVED

05 / 22 DECLINED

04 / 27 EXPIRED_CARD

08 / 28 TIMED_OUT

01 / 37 ACQUIRER_SYSTEM_ERROR

02 / 37 UNSPECIFIED_FAILURE

05 / 37 UNKNOWN

Step 2 : Verify the Response

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Knet Response Parameter :

ErrorText (String)

Error (String)

trandata (String) : Encrypted data

In case of payment failed, ErrorText and Error will show the error message.

trandata parameter will be encrypted data. We need to decrypt with **encryptAES** with Terminal Resource Key

After decrypting the trandata you will get an array for below parameters

result (string) : CAPTURED/NOT-CAPTURED

How to identify payment is successfully done ?

Answer : if result = CAPTURED, then the payment done successfully else it's failed.

Response Parameters :

result : CAPTURED / NOT-CAPTURED

paymentid : Payment ID

postdate : Payment date

tranid : Transaction Number

auth : Authorization code

ref : Reference Number

trackid : Tracking Id

udf1 to udf6 : UDFs which are sent by the seller will return the same value.

As per knet policy, we must display Result, Payment ID, Payment Date, Payment Amount, Transaction number, Authorization Code, Reference Number , Tracking ID on the payment receipt page.