**Ecommerce Gateway**

**Service Link**: https://e-commerce.kapitalbank.az:5443/Exec

**Authentication:** Customer generates certificate signing request with common name (CN) E1000010 and sends csr file to DL\_Ecomsupport@kapitalbank.az. Our team will sign that certificate and deliver digital certificate file (.crt) that customer needs to use in his requests. Once testing is complete, new CN will be delivered to customer for creating new csr file in production system. Here is an example below how to create certificate signing request.

First, need to create key file:

[root@test]# openssl genrsa -out merchant\_name.key 2048

Generating RSA private key, 2048 bit long modulus

...+++

...........................................+++

e is 65537 (0x10001)

Then, we create csr file:

[root@test]# openssl req -new -key merchant\_name.key -out testmerchant.csr

You are about to be asked to enter information that will be incorporated

into your certificate request.

What you are about to enter is what is called a Distinguished Name or a DN.

There are quite a few fields but you can leave some blank

For some fields there will be a default value,

If you enter '.', the field will be left blank.

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Country Name (2 letter code) [XX]:AZ

State or Province Name (full name) []:AZ

Locality Name (eg, city) [Default City]:Baku

Organization Name (eg, company) [Default Company Ltd]:testmerchant.az

Organizational Unit Name (eg, section) []:IT

Common Name (eg, your name or your server's hostname) []:**E1000010**

Email Address []:it@ testmerchant.az

Please enter the following 'extra' attributes

to be sent with your certificate request

A challenge password []:

An optional company name []:

You can check csr file details with the following command:

openssl req -text -noout -verify –in testmerchant.csr

Main methods:

**CreateOrder**

**Request Parameter**:

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

<TKKPG>

 <Request>

 <Operation>**CreateOrder**</Operation>

 <Language></Language>

 <Order>

 <OrderType></OrderType>

 <Merchant></Merchant>

 <Amount></Amount>

 <Currency></Currency>

 <Description></Description>

 <ApproveURL></ApproveURL>

 <CancelURL></CancelURL>

 <DeclineURL></DeclineURL>

 </Order>

 </Request>

</TKKPG>

**Response Parameter:**

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

<TKKPG>

 <Response>

 <Operation>**CreateOrder**</Operation>

 <Status></Status>

 <Order>

 <OrderID></OrderID>

 <SessionID></SessionID>

 <URL></URL>

 </Order>

 </Response>

</TKKPG>

**Examples**

**Request**

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

<TKKPG>

<Request>

 <Operation>**CreateOrder**</Operation>

 <Language>RU</Language>

 <Order>

 <OrderType>**Purchase**</OrderType>

 <Merchant>E1000010</Merchant>

 <Amount>123456</Amount>

 <Currency>944</Currency>

 <Description>xxxxxxxx</Description>

 <ApproveURL>/testshopPageReturn.jsp</ApproveURL>

 <CancelURL>/testshopPageReturn.jsp</CancelURL>

 <DeclineURL>/testshopPageReturn.jsp</DeclineURL>

 </Order>

</Request>

</TKKPG>

**Response**

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

<TKKPG>

<Response>

 <Operation>CreateOrder</Operation>

 <Status>00</Status>

 <Order>

 <OrderID>828</OrderID>

 <SessionID>ECDE79578768ECFBF2897A0F44CC0CEF</SessionID>

 <URL>/pay/Gate/URL</URL>

 </Order>

 </Response>

</TKKPG>

**Error codes**

Status

Request execution result:

00 – successfully

30 – message invalid format (no mandatory fields etc.)

10 – the Internet shop has no access to the **Create**

**Order** operation (or the Internet shop is not registered)

54 – invalid operation

96 – system error

The Internet shop server receives XML response to the *Create Order* operation and

redirects the customer browser to the address received in the **Order**/**URL** field. It is

required to fill the **POST** or **GET** protocol fields:

**OrderID** - order ID received in the **Order**/**OrderID** field

**SessionID** - session ID received in the **Order**/**SessionID** field

Call by the **GET** method:

https://e-commerce.kapitalbank.az/index.jsp?

ORDERID=10253&SESSIONID=1661DD2BD23BC67D6CBF84FE847B369F&

Then the customer pays via **TWEC PG**.

If the customer goes to any URL defined in the request (Approve, Decline, Cancel), the

Internet shop must perform the **Get Order Status** operation for the security purposes and decide whether to provide the service or not depending on the response.

**Get Order Status**

**Request parameters:**

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

<TKKPG>

 <Request>

 <Operation>**GetOrderStatus**</Operation>

 <Language></Language>

 <Order>

 <Merchant></Merchant>

 <OrderID></OrderID>

 </Order>

 <SessionID></SessionID>

 </Request>

</TKKPG>

**Response Parameters:**

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

<TKKPG>

 <Response>

 <Operation>**GetOrderStatus**</Operation>

 <Status></Status>

 <Order>

 <OrderID></OrderID>

 <OrderStatus></OrderStatus>

 </Order>

 <AdditionalInfo>

 <Receipt></Receipt>

 </AdditionalInfo>

 </Response>

</TKKPG>

**Examples**

**Request**

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

<TKKPG>

 <Request>

 <Operation>**GetOrderStatus**</Operation>

 <Language>RU</Language>

 <Order>

 <Merchant>POS\_IKEA\_2</Merchant>

 <OrderID></OrderID>

 </Order>

 <SessionID></SessionID>

 </Request>

</TKKPG>

**Response**

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

<TKKPG>

 <Response>

 <Operation>GetOrderStatus</Operation>

 <Status>30</Status>

 <Order>

 <OrderID></OrderID>

 <OrderStatus></OrderStatus>

 </Order>

 <AdditionalInfo>

 <Receipt>BASE64-encode-info</Receipt>

 </AdditionalInfo>

 </Response>

</TKKPG>

The order can have the following statuses:

**CREATED** (assigned after the **OrderID** and **SessionID** parameters are generated but

before the order is paid)

**ON-LOCK** (assigned to avoid payment duplication)

The **ON-LOCK** status is assigned when executing the **PayOrder** procedure. Once the

authorization process is complete; the **ON-LOCK** status is changed to **APPROVED**

or **DECLINED**.

**ON-PAYMENT**

**APPROVED**

**CANCELED** (operation execution is interrupted by customer)

**DECLINED** (for example, the *Prefix not found* error occurred)

Test card details

PAN: 4169741370562587

Expdate: 0122

CVV: 544

**Ecommerce Installment Gateway**

For installment operations, in the “CreateOrder” request, the following parameter must be added to the Description tag and sent:

**transaction\_id/TAKSIT=installment\_count**

*transaction\_id* = any 5 digits ID created and sent by merchant

*installment\_count* – installment count (for example – 2 or 3 and etc.)

Example:

12345/TAKSIT=5

\* If the transaction is made by a card without installment functionality, it will be declined.