

COMMUNICATION ENGINE



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ENCRYPTION and DECRYPTION Testing

Vouchagram will provide you the logic for encryption and decryption of the request and response which is travelling via Data element. To test the encryption decryption logic at your end: -

Step 1: Encrypt the JSON request and using encryption logic convert the same and send to an API while sending any request.

Step 2: Post receiving the response from API , decrypt the response received in data element using decryption logic and check that response is in the proper JSON format.

Once step 1 and Step 2 is done at your end means that encryption and decryption logic has been implemented successfully.

This API will work only on HTTPs protocol. Domain name will be provided during Integration.

GET TOKEN API:

This API is used for getting the token for all other subsequent API calls. Token is mandatory for other API calls.

API ENDPOINT: **[domain]/API/v1/gettoken**

METHOD: GET

HEADERS Parameters:

NAME	DATA TYPE	DESCRIPTION	TYPE	TEST CREDENTIAL DATA
Content-Type	application/json	Type of body data	MANDATORY	
username	Varchar	Username provided by vouchagram	MANDATORY	Will be provided later
password	Varchar	Password provided by vouchagram	MANDATORY	Will be provided later

TEST SCENARIO:

(1) VALID DATA: IF ALL DATA IS VALID

REQUEST DATA :

HEADER:

Content-Type:application/json
username:Provided by Vouchagram
password:Provided by Vouchagram

API RESPONSE DATA

```
{
  "status": "success",
  "data":
    "akgHnabKfp2XaqRW1iKdHECGdLIQR6zg0BAzzabNcsnGo8dJb8AGuncOQZ4qqqk97YroVarWEas7h24Mf5/H
    SUZfmYBAvMwaOaIB4Nhc08snQoEzIM2XOHgLC6IgqRQD/BUXzXukaMvqnBusH5P59dytO+fUEw0+NIguE8
    5sCmjgq7eDoLVHbfqISW36Wta8QtWt6EjRiFnj9wPYhi1Qt1Hfjm5YYGoMKZcOZACAhbQ+pu8PV+k1rCwFx
    u1zMT8B1kA0ZMmUbkloABIV9eaLDLDZZ4Eb/gr6IjL5kOD2KhwOPY8E9v5ielnsPaZbMoR8FOmJ46xAmtN2e
    5EHxY0/G41lxjW6kt5wwwWakT1+DzhYAicvJaXfdg24Xj168IDakFJEVNgdRPXNwG4iOZXjhnRF/0/STx21xF
    +F5VQKHw=
```

```
",  
  "desc": "Process successfully completed",  
  "code": "0000"  
}
```

Note: Use decryption as per given logic for getting decrypted token from the response.

Plain Data key value:

```
{  
eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJyZXN1bHQiOiJ2OWJrRzBseW9lR25KSEFyNm1scIiR3UDFrRUhk  
b1piUitlR3pBQmJ0QXlXa3YrNXpRVk4yQWtkdUxLd0lvVFRGZ1pCTW9KZ2JDNW42SGRHZHN6TWdEUVV  
GL3krQzJ5Y0VTZjJFTDVOQkpLbTlRb1B2Q0Y0R2Z4cFNvOHN2bitMdiIsImhhdCI6MTY1ODgyOTk5NywiZXh  
wIjoxNjYxNDIxOTk3fQ.Vn-VXCxfd9a8bV6JpFfTeZk1gMAOSE01avGQSWNjfig  
}
```

GET BRANDS API:

BrandProductCode is optional in this method. If you send empty body then will get the list of all brands else you will get the specific brand detail.

You need to pass the decrypted token in this API extracted from Get Token API.

HEADERS:

NAME	DATA TYPE	DESCRIPTION	TYPE
Content-Type	application/json	Type of body data	MANDATORY
token	Varchar	Value gets from gettoken API (decrypted value to send)	MANDATORY

BODY:

NAME	DATA TYPE	DESCRIPTION	TYPE
BrandProductCode	VARCHAR(100)	Alphanumeric value	OPTIONAL
OttRequired	CHAR(1)	It is kinds of Boolean, You can send only 'Y' or 'N'	OPTIONAL

API ENDPOINT: **[domain]/API/v1/getbrands**

METHOD: POST

TEST SCENARIO:

REQUEST DATA :

HEADER:

```
{
  token:
  eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJyZXN1bHQiOiJ2OWJrRzBseW9lR25KSEFyNm1scIR3U
  DFrRUhkb1piUitlR3pBQmJ0QXlXa3YrNXpRVk4yQWtkdUxLd0lvVFRGZ1pCTW9KZ2JDNW42SGRH
  ZHN6TWdEUUVVGL3krQzJ5Y0VTZjJFTDVOQkpLbTIRblB2Q0Y0R2Z4cFNvOHN2bitMdiIsImhhdCI6
  MTY1ODgyOTk5NywiZXhwIjoxNjYxNDIxOTk3fQ.Vn-
  VXCx9d9a8bV6JpFfTeZk1gMAOSE01avGQSWNjfig
}
```

BODY Request:

```
{
```

"BrandProductCode": "Bata4xfRrUnT46Uv4iol",
"OttRequired" : "N"

}

API RESPONSE DATA

```
{  
  "status": "success",  
  "data":  
    "CHpzoW9kiMfyDwA5CbKxG4FXLgSfAwor7kgEUAQm3NrCLP7f61QYQaxPBhp/3q6opz05/yUIn+yVF6twvqSVHQBm7  
    MOlwq1HJ9L9lywtq9UOcod/MKX6JkJmpuHHpKt10nNlMYUIGJkT4CnD9U2tvGxK71BeWUN/w06xzYgwVcw4zXkRIz+BW  
    Px6PrY0NwTkI120jZmBrAxIpTZow1IpedIqpmRV6QS3i1482EaY8NRKt9f7iD15y+c1+T85fJXhUD4Ko7ArAxMfGBF  
    SugsO5Uf2+KGV7qcceVLqrXuMicUYZC4JmpvyueUGcOAEtAYk4I6CFjqJHAeVz7u9vSOsF/UKvFuvStxhadgTzf3otj  
    EmhHg71hEF+5LEZ7PtWeodDIDNRsWSvYJSt0svWkDtLvH1EqDbg11ETNNcI2GJ1iHvUwnNfFR5CBjjgCekJHJeS  
    wDZU+zef4HkMhT+TIn0iK6s91i9rruGD34ZcL0o5FAGqjAn41OcAmopqC5m86KLfT3H4vxZ2JoMAGLDgtfbsk/c13t  
    15wijA/itp9PiFreUeMypOODHGwixsRIeQa5/AQ/Q1OvmwzYz6n1g9OtsS28fFGmKRwjImf7dG42TzoBYAhUC2jaWH  
    wgN8mvEOLvZpgtoMfBR8y8SHnueTidq0qSC/pKqPV2is5Ay3z1NDmoZY8AelDA6wqro/hpqxIy/7ezOMtak7C7gPw5  
    o/YO5o96OdVvsasPjxosyt61dEfXNzyW40vW7aoNHJXO+xl8xo4KWWGZoz01CYSuIXb/OPH4wh3a8Nh/QIkSchB/ki  
    WG8ZH+WRR2IOT+bHK/4izT3P4WK37DhLGsn31JdUcO4zVhF+YQOJ22BwTzzefPJ58xvOmygYMPagbAOYUpvKNO5nKv  
    ox/bH0TGEV3oTxFTwZQ5ZEezrQWp9qeeiJ4006mdtoNpNm9NhtwgshZGIziEzGXylhsxUskafEixi/b5aWk8CA4Oni  
    mzaRmq+H/vFb1c/bwly+zN3SY150aldpUkwgGaRk62lcWGeJvmt8Oc4UHEHjQttVbJk+n6f8OPtefyvzOd0kOJEye  
    CtNDA0+3EoicckEfQrAznixAWKex+ae59k5mt71PSdPhh6rJIGNR2dppa6gyPchTQNTPXHh24f4eJvTNlavqOqJqZ  
    FWQNO/zwnMoi+9kEVAysa+O8t1MYLVjfnub9CW7G6s+/u/2ZPHG2iR/ei/1qmFq4rQCHauCz1x1BBkHavyYPtJ7EuY  
    nxZ+dNT9uWYrSOMd1DAA+E69f14DEcU6lMpvu5cn6UcgN2aZODlsmnszyHUYtliacRem2VJkI683waLjeNhr63bUL  
    +T+tICsupbi0vYZbowJkBz1P15L7seUDsLq/C5ENE2pWAtc+LS+zW5qWmlaTP2OOGru8cRKutlYCTr2Cfa7ZD+GKc  
    FhzVPZOMfE2neMo2Hzn3EZB4WSlXsUJxS9CjK2Yk6Eelps6dKerj+xiAuFB9/cndJ212pv/pB8P8neRxbNgdNdY5cD  
    JT7DGFs0tBly7oLcfH2anYj4K9+ZTufRwE8HtoktVLu9Tsw+JUHkWuO+iwZvAy7PljverxyjiAtlrgLKTtPMTtqtvk  
    8xwh3xemr1N+AQFoCcGYTTuWyn81TxohKhpL8rKqX/3Albgd3YfQI6WeiFD8QoI4xM8T2N+NYt5RoB2f/6GtyHpBo  
    dohuOHplU3yGW90oxIoewi6aegBnsRDCXWxELCo1LuGsIxIIXuGbu6pPpa+d6UHdTdytSj88J8CYdG5iXCGHVNKJ+A  
    DlyrqsV2wLjM4QhoXuRGiY5OxmoeVOYgupIbwsibrZlofti4tGP72uZdrXtrvqKakxoQfdvavpzanenJeiGfiNLAz  
    /oVjvhaNX2xBLAENcavlR+pjWLCbl79R3i11EfiNsy7WXffYydytY/J7fK3eQgMpXkVCT7Me8xL7NtmV2q1Bjet9IJ  
    zMRNAJcXrf35grVi5/Y4GNut4jCGeK+MO7yL5CDkgM4U5JrFwNXtplofzPJL/NLubL5rmNw9Svx6U1jhp0fsSNdbZ  
    e5i9oDRqmbkqLlObyod7mtCbYCECQjyZ2TPmeZUW6c6J5aJwgI5bwFSI/eCrmnnIjgxIdlhb0yoZaWCARVKg9cA7n  
    TMrKhv6GgK314RC2NxnWiykee2Bf21Q6GFQVEWk48GS17na0ndjZm15YCO7AaC+GkYPANT2VgtPxOQCS1G5W8Pwxet  
    MfKilgK6/s6SN773NADWrmLyXI9AnpCOPffpoA5kbqYBPNx35tNDJCi0vEU+iIQ4Kb71jVLLYzuxhov+cXaqS1DNI8  
    nQfNok5y12086rGJankbPAiIT2O5T9uFYCrvcShsDB4I01KxNArzoTg6dZrkNba4m/3WSCP1V0povBP7Etz6/Pkpx  
    112SjRTLbZy98Z+WVotMznNb/JLr74en9XOosin+olWyeVGAMzo16JYSG1ZQwTOC5QDGjz0utwYHjen67JCI/7ro1  
    fis4ai2b/ZEYoMprJ9+wjC93OfhWQqRVLi96WMksW0kJfYS+mEwV73T4vmM/EKi4cmSgMIXd2yZxHvIHK4Qy2hLme7  
    6n54I5x4Y57UqgCWYqry/x0UI+eo2kh9Sp1Bq2yKzN9H1c6Pr1HuRt9x5Xh/i7L+/t1EniCLxoaP8/vNGEovJ/CgES  
    bo7Omz/QhUEjWFPz6tDVPqyutPO+EkkN+tMaIVLLt6SkYmgp0ByqVKyUpgzW2e9ha+/6rLJBwvvh1nwwOb5rs0y3vf  
    Kc1I8vkL5nLrT2BG12OrCiZTzccex/FDdQGkq2KYbG4vh900/rzODqhcEdP714yjV+AVpXj/O+YWKrm9Tz/cxzGJTd  
    6+kvYpj6zCItcQvnaDeusU3xpims8GhjUu/ZV8bUND2WS8MRHr4q4aE8ri7ab4hAd8ltnbPseJlObQI0xLRvjen2sR  
    TXdlBmZv1xasEZbFs7xLKgcc7sSei4zRO3bFedU8WgLwshz5967nKfK/sDI+Ib409nh/pb1Z7AauiepdmTQHccTFwc  
    rNBg+ZBfWNhujffDJXPMwpluXr+sZ5dnQHP1N+GqVdZ/holioDRaBuvBH0RzP3wgKwVbt38SxRd89Gjox0k08yXPQV  
    IG+n5RG6bQib1T00mEpWI6ExL4c94I4xKHMxy/fH4xziwiY4APhOnciXli56myhri0lhKpUqe1OKNJig0vvkpeqm4W  
    J6p5kwyARMYjrxZrbHunLNMZQ21XKdlbE5rV9Yk63bFByEIM8Hh6W8+fHfBS1KFZhUuwXJlhcgUVMVhBFj7DCexEG  
    yNKBdZGwGs9KDg71ZdIx5TY7G1+aYV6KDrSChEXriyW8XCev0rk2UWMYvErCBpMp6ba9lr/dcbMucj5RfRQFWABbQn  
    2mJY/yoamOQPmJozWam+RswiuICYDG46P11x2KSJD1s631SJNqkdNqgdeRpmF0n0tzQgo+m1JOV6gJnGRGXpviCdBf  
    h5n20W6IWqrta6a1DV/kHZ9jEMAJCQqUICMgOeNAW5Pz8eW8ZB1674d/s1EOT+gvc1mvpFVeylNhrzGkjVR6Cwhptu  
    Wyd0b6dgHzxLi1lNmPGLBEEqResfSfri30zLKHZnpMdyT8jVkeaW7stNiUUCd/zjzy3wJTU0oWiOJAfilzhey/fY35Y  
    74311McV8xLztYMyMxiXEE4/xqJlOnSV/dE41o0NWXrW2mXlQRbOe7L6BPQzpLqTzqlYGWJaSS2HmEY4FfFH3vOTeZ  
    mxDbXACZAQu206Y+KAobpGojwHfp1+rSK0MWGWkYlJw16M9mS6AHyf2QThIGite4r0z9N9mW1SjLVgA3DWvfe6ISOV
```

```
HSzrpblAgiPh+oXjoQsUIjwln4Dk1OEjvRweAL5bOWl2SoY1vKsQkybK0jF0bablzKxxEvrYhvCOPsEqWq3YDrbNzs
/+yyR7cGzMNPPWvyanJPdgdtozzfeUKusZJe6Q9CDHl7Mzdy+vkErAOYYkyukhCad3HgwiCexej0/eKarTuNBdr1Zz
JY+QOvSaReKtekSW5TnQi2ebP3iqKjN8PZZP+edGdIqv+gngEJ0jYNcw5MLHTmqh9fRiKmv5HPAwyUy6bxwLrgQGht
5uTkKjxEuQpaOtzOsR8/WSFEGMmanPwWIDaAyGJgqPVBZs4jcKKXN9RbvoRwfxC0uYokEMN9tTtdZfvDo/jUR5WsAR
18Y+SIJwn/zp8aVfJPi4NCdMJrJ5s7rKSk6YG8eqoKtA/aQ4PMDcbcV1JkWNP0mOy0nHSdISnzmbltneIigntxTeR5
DXyfLOcyuEUlmiyE7VzgYcFX2qayBTICDOcrKrv6z6gkEwsN7Eg0VF1yrALVeI602pDSsrIts/hDG6RvHoAnZubioq
1VZJ34t8Un0J1dHXAYAl1zKcQM0RHY0cga4Vih86uhFY329QZ+o64Z5yoB/oXDXr1AtUv8GzxrsvjoWRMQU7Os5Epw
P4pBGMzSaAuyukavDsKDxwhAO8E3uAAj4GPRvu2Tvw/tGdTXKaxPyCJk8qVFw0jhGZo809/DzUcAFCocqtolwIaymP
nkKq7L3xhykrwP408FjD85/V3prgcwz/etL84YkoSOB6XWfWR+u2fuEY2pjGV1LLzG1Yx+y7kbwsrylJdoqNwEVr+
tYhM4vmClRoa8GF4m9Cm/iZJXDEjrBSJiTS266QBWym9E6FiAhJA+799MpWHEv9FO7BXz4fTvmwojQQSSav0o+N55
YC42qoCue/dIjvDp008nx1Y40Bkt126aNmnWko1+gUm3JeRTtTc6Jd4dAqNRWG923U2UYdw/yjXNe4xeoDxKhXwzOY
nC8V3Xz9ocYUMz161t6pDgqZSL4Ob3P56H6CT36V+5Vu5QjabAzD0qdCIx1SzO5a8AmgUKsXImioVOWhbUYLNFYnl
/XzRAkuwrtOs3chLor24RrJjnft9prVd0AmzBgyRkD1dWYla24IXHaq7BYGhKs9Uw==" ,
  "desc": "Process successfully completed",
  "code": "0000"
}
```

Note: Use decryption as per given logic for getting decrypted token from the response.

DECRYPTED VALUE for Response data key only:

```
[
{
  "BrandProductCode": "Bata4xfRrUnT46Uv4iol",
  "BrandName": "Bata",
  "Brandtype": "VOUCHER",
  "RedemptionType": "2",
  "OnlineRedemptionUrl": "https://www.bata.in/",
  "BrandImage":
  "https://cdn.gyftr.com/comm_engine/stag/images/brands/1593693691875_u3qtc3vzkc4s2qqr.png",
  "denominationList": "100,500",
  "stockAvailable": "true",
  "Category": "BATA-API,Food & Beverages,Lifestyle",
  "Descriptions": "If you're looking for the best-in-class affordable footwear that does not
  compromise on style, Bata is the brand for you. They began as a small business in 1931, but have
  now evolved into India's largest retailer and a leading manufacturer of footwear in India. Being
  market leaders in the formal shoe domain, they are beginning to dominate the ladies shoe segment.
  GyFTR has made buying Bata shoes online effortless and economical. Bata Gift Vouchers and Gift
  Cards can be redeemed across all Bata s",
  "tnc": "1.This is a Bata Insta Gift Voucher (GV) / Gift Card (GC) and would be accepted at listed
  outlets. For Outlet List, please visit www.gyftr.com/bata <br/>2.The person who has the Bata GV /
  GC Code is deemed to be the beneficiary.<br/>3.Do inform the cashier that you plan to use the GV /
  GC for making payments before billing.<br/>4.Only the listed Bata outlets at its sole discretion
  accept the GV / GC. Bata may add or remove an outlet without giving any prior notice.<br/>5.A
  maximum of 7 GV / GC can be used in one bill.<br/>6.This is a ONE time use GV / GC.<br/>7.No
  Credit note / Refund for the unused amount of the GV / GC will be given.<br/>8.Bata GV / GC
  CANNOT be revalidated once expired.<br/>9.Bata GV / GC can be used during sale.<br/>10.Bata
  GV / GC cannot be redeemed on specific block out dates. Bata may add or delete any date on its
  sole discretion <br/>11.Any dispute related to the GV / GC should be referred to the issuing
  company and the decision of the issuing company shall be final.<br/>12.Bata makes full efforts to
  accept Insta Gift Vouchers (GV) / Gift Card (GC), but on account of any technical / administrative
  reasons an outlet may refuse to accept the same.<br/>13.If an Insta Gift Voucher (GV) /Gift Card
  (GC) gets blocked on account of technical issue, it would get enabled in 72 hours.<br/>14.Please
  contact Shop manager for any acceptance issue and if issue is still not resolved, you can write in to
  bit.ly/2CsY6BX or call 18001033314 for immediate help",
  "importantInstruction": "A maximum of 7 Gift Vouchers CAN be used in one bill.<br>\r\nGift
  Vouchers CAN be used during Sale.<br>\r\nGift Vouchers are ACCEPTED at all Listed
  Outlets.<br>\r\nGift Vouchers CANNOT be used Online....<br>",
  "redeemSteps": "{\r\n1:{\r\n\"text\":\r\n[1] Use the outlet locator to locate the nearest outlet that accepts
  this Gift
  Voucher.\r\n,\"image\":\r\n\"https://cdn.gyftr.com/comm_engine/stag/images/brands/caption/V164
  1475064406_8lmh4nky2zvdqv.jpeg\", \"old_image\":\r\n\"\", \"2\":{\r\n\"text\":\r\n[2] Select your choice of
  product.\r\n,\"image\":\r\n\"https://cdn.gyftr.com/comm_engine/stag/images/brands/caption/V1641
  475065664_8lmh4nky2zvexp.jpeg\", \"old_image\":\r\n\"\", \"3\":{\r\n\"text\":\r\n[3] Share your Gift Voucher
  with the cashier at the time of billing & pay the remaining amount by cash or card if
  required.\r\n,\"image\":\r\n\"https://cdn.gyftr.com/comm_engine/stag/images/brands/caption/V164
  1475065949_8lmh4nky2zvexp.jpeg\", \"old_image\":\r\n\"\"}}"}
}
```

Note : Here **RedemptionType = 1** Means online, **RedemptionType = 2** Means Offline,
RedemptionType = 3 means Both

[3] PULL VOUCHER API:

You need to pass the decrypted token in this API extracted from Get Token API.

HEADERS:

NAME	DATA TYPE	DESCRIPTION	TYPE
Content-Type	application/json	Type of body data	MANDATORY
token	Varchar	Value gets from gettoken API (decrypted value to send)	MANDATORY

BODY:

NAME	DATA TYPE	DESCRIPTION	TYPE
payload	Encrypted value	Whole JSON packet need to be encrypted as single value as per the logic shared by the Vouchagram during integration	MANDATORY

API ENDPOINT: **[domain]**/API/v1/pullvoucher

METHOD: POST

API INPUT PARAMETERS:

NAME	DATA TYPE	DESCRIPTION	REQUIRE D	DEFAULT VALUE
BrandProductCode	VARCHAR (50)	Identity of the Brand	Yes	
ExternalOrderId	VARCHAR (50)	Unique client order ID.	Yes	
Quantity	NUMBER	Numeric value	Yes	
Denomination	NUMBER	Denomination value	Yes	

Header : {

```

token:
eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJyZXN1bHQiOiJ2OWJrRzBseW9lR25KSEFyNm1scIj3UDFrRUhk
b1piUitlR3pBQmJ0QXIXa3YrNXpRVk4yQWtkdUxLd0lvVFRGZ1pCTW9KZ2JDNW42SGRHZHN6TWdEUUVV
GL3krQzJ5Y0VTZjJFTDVOQkpLbTIRb1B2Q0Y0R2Z4cFNvOHN2bitMdiIsImhhdCI6MTY1ODgyOTk5NywiZXh
wIjoxNjYxNDIxOTk3fQ.Vn-VXCxf9a8bV6JpFfTeZk1gMAOSE01avGQSWNjfig
}

```

API REQUEST:

```

{
  "payload": "
SaS4Ar3kKQp/hhXKGGnUS7L0PNSN1iBL/cEjqGq+1WpJ0D86ElJm8/1tW4Rtv7hkozHR9qs3jrE0WyB1g0rGKFr+BA
LRKIM7chPGmbIZFhuLRdHtNRY++82rqTxQ59inHOt5zwM4wRXvuPKLk3xKgNQZIt4UbcH8Mofv6e8Es= "
}

```

DECRYPTED Value of the Request Sent:

```

{
  "BrandProductCode" : "Baskin_RobinshStD6pXnAIEG2wi2",
  "Denomination" : "100",
  "Quantity" :2,
  "ExternalOrderId":"teststaging-05"
}

```

API RESPONSE 1:

```

{
  "status": "success",
  "data":
"H3ZD6baJo5kygiyZ/n0gBBSJ/+t+Qb/7Ooan1OBGRd5vZoEqni8U1ZrFwn/v8QAdfYyk3F0Lf+3rih4C/hLrNi6nvd72Yx
ezgn/A32XCyEYtqV2Q72MF0H3eYlgOVBPu9Ads8Flj/yC7Qgtx5QHjFSI730Pbljf/HdjpUZ8icYVS4ef/etqypdZzoakClfK
m5JEKBZEdfplp1yEuSe9nvjOJsR9woMrHoLgHJj1nP5yMqyNQ0W2Fo6Wj2v4O/n3ik2T7h7tnJALjGbaVOOJgJyN97l
kVsKPhCTWdU3BMKQyMJ+cM0OrMen5+qJufQ5ECyagrD/qXd+Zoc6gyxzv6/W6O7DK1IF0d1GBfis5YXGDBKCBU
O6tTNq/4+yX/PFvhm5aQXGWHyECAb43Dilln6fFHOdn7uJ3oFr0jdZolnYfgbcDo59Sqe6AT9zOvH+etTLW1ENJ3N7
6eA0V430I3KQCJ9gWEXRZhUYaIU7N1ISiUNW5p7G6HehU0kUw5ZtivcXXWWyfMzBjeyih1E6pgqxl/AoRx5r8wvdu
20P+MQOPmLs8yh7NmWWSNyLRvUUvRGjYkW2weKO/NryWOg0BJrRk1w56hliCvu8+/Pji0fVOeWxulPF/+4Ruxqto
QMuuTGe5I80pj1XNZKqHeiBp9/x7cminRMeoz7E89Qsckz16I88xTunZsK0kGJT4NX7Cyq5GNRWzPYW5kmUv9js
Yx8gyob1WKnBPiWElSLsuva1Ko/UJqYMN30eWbuoO6kw3leixESKFoQqi0aQ8RzgnwgdV+JlgJN3O5y5ZZRY887EL
CG8wTeG2dXD+Rul7sQ6mDCQjPWxmO6kRxMTtg==",
  "desc": "Process successfully completed",
  "code": "0000"
}

```

Note: Use decryption as per given logic for getting decrypted token from the response.

DECRYPTED VALUE for Response data key only:

```

{
  "ErrorCode": "",
  "ErrorMessage": "",
  "ExternalOrderId": "teststaging-05",
  "BrandProductCode": "Baskin_RobinshStD6pXnAIEG2wi2",
  "Message": "Process successfully completed",
  "PullVouchers": [{
    "ProductGuid": "7b25a807-d54d-4b59-bf33-e225e0586039",

```

```

"ProductName": "Baskin Robins",
"VoucherName": "BR INR 100",
"Vouchers": [
  {
    "EndDate": "31 Dec 2022",
    "Value": "100.00",
    "VoucherGCcode": "1005274099985083",
    "VoucherGuid": "824cd99b-383b-4b9e-8ba4-580f2ad5d7f2",
    "VoucherNo": "BV694924999941",
    "Voucherpin": ""
  },
  {
    "EndDate": "31 Dec 2022",
    "Value": "100.00",
    "VoucherGCcode": "1005144927654959",
    "VoucherGuid": "2ee41b09-3d1d-438c-b203-111639c5f4ad",
    "VoucherNo": "BV263435447424",
    "Voucherpin": ""
  }
],
"ResultType": "SUCCESS"
}

```

API RESPONSE 2:

```

{
  "status": "error",
  "data": "",
  "desc": "Unauthorized access",
  "code": "ER024"
}

```

[4] GET STOCK API:

You need to pass the decrypted token in this API extracted from Get Token API.

HEADERS:

NAME	DATA TYPE	DESCRIPTION	TYPE
Content-Type	application/json	Type of body data	MANDATORY
token	Varchar	Value gets from gettoken API (decrypted value to send)	MANDATORY

BODY:

NAME	DATA TYPE	DESCRIPTION	TYPE
payload	Encrypted value	Whole JSON packet need to be encrypted as single value as per the logic shared by the Vouchagram during integration	MANDATORY

Note : - This API is only applicable for Voucher type brands

API ENDPOINT: [domain]/API/v1/getstock

METHOD: POST

API INPUT PARAMETERS:

NAME	DATA TYPE	DESCRIPTION	REQUIRED
BrandProductCode	VARCHAR (50)	Identity of the Brand	Yes
Denomination	INTERGER	Denomination value	Yes

Header :

{

token : eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJyZXN1bHQiOiJ2OWJrRzBseW9lR25KSEFyNm1sc1R3UDFrRUhkblpiUitlR3pBQmJ0QXIXa3YrNXpRVk4yQWtkdUxLd0lvVFRGZ1pCTW9KZ2JDNW42SGRHZHN6TWdEUUVVGL3krQzJ5Y0VTZjJFTDVOQkpLbTIRb1B2Q0Y0R2Z4cFNVOHN2bitMdiIsImhhdCI6MTY1ODgyOTk5NywiZXhwIjoxNjYxNDIxOTk3fQ.Vn-VXCxfd9a8bV6JpFfTeZk1gMAOSE01avGQSWNjfig

}

API REQUEST:

```
{  
  "payload" : "mRb1ZWwov3a/MacVLLir8ugMIW1QTnQhp+HCEBfEjXP/ZoEjEOQox3Nqp74wgLvr3MMLc1k5m/yBrJUwQ9BdIM/DCrJujDqI59MCKY6Zb7k="  
}
```

DECRYPTED Value of the Request Sent:

```
{  
  "BrandProductCode": "BenettonRwJ6cqVWqPPML1BH",  
  "Denomination": "5000"  
}
```

API RESPONSE:

```
{  
  "status": "success",  
  "data": "fqGJTnsgFU/fRiAAjwlEkz+U5qMjqrtwuPwc/jOTKBZHODRZTFBbSY4IUmatJ2gzGLC/3RTtQUh9MZUBgVOOBg==",  
  "desc": "Process successfully completed",  
  "code": "0000"  
}
```

Note: Use decryption as per given logic for getting decrypted token from the response.

DECRYPTED VALUE for Response data key only:

```
{  
  "AvailableQuantity": "23",  
  "BrandName": "Benetton"  
}
```

[5] STORE LIST API:

You need to pass the decrypted token in this API extracted from Get Token API.

API ENDPOINT: **[domain]/API/v1/getstorelist**

HEADERS:

NAME	DATA TYPE	DESCRIPTION	TYPE
Content-Type	application/json	Type of body data	MANDATORY
token	Varchar	Value gets from gettoken API (decrypted value to send)	MANDATORY

BODY:

METHOD: POST

API INPUT PARAMETERS:

NAME	DATA TYPE	DESCRIPTION	REQUIRED	DEFAULT VALUE
BrandProductCode	VARCHAR(50)	Identity of the Brand	Optional	
shop	INTEGER	Shop number	Optional	

Header :

```
{ token :  
eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJyZXN1bHQiOiJ2OWJrRzBseW9IR25KSEFyNm1scIR3UDFrRUhk  
b1piUitR3pBQmJ0QXIXa3YrNXpRVk4yQWtkdUxLd0lvVFRGZ1pCTW9KZ2JDNW42SGRHZHN6TWdEUUVV  
GL3krQzJ5Y0VTZjJFTDVOQkpLbTIRbIB2Q0Y0R2Z4cFNvOHN2bitMdiIsImhhdCI6MTY1ODgyOTk5NywiZXh  
wIjoxNjYxNDIxOTk3fQ.Vn-VXCxfd9a8bV6JpFfTeZk1gMAOSE01avGQSWNjfig  
}
```

API REQUEST:

```
{
    "BrandProductCode": "WestsidemFqa2lBrMls187j0",
    "shop": ""
}
```

API RESPONSE:

```
{
  "status": "success",
  "data": [
    {
      "brand_id": "28",
      "brand_name": "Westside",
      "brand_status": "Y",
      "shop_details": [
        {
          "shop_id": "16907",
          "shop_name": "Westside - Iscon Mall Ahmedaba",
          "shop_guid": "f251437b-3ee3-40f9-8971-4054cfaca174",
          "shop_code": "W029",
          "address": "",
          "city": "",
          "state": "",
          "shop_contact": "",
          "shop_status": "A"
        }
      ]
    }
  ],
  "desc": "Process successfully completed",
  "code": "0000"
}
```


LIST OF ERROR CODES:

0000 : Process successfully completed
ER001 : Wrong Credentials
ER002 : Wrong Credentials
ER003 : A valid GUID is required for buyer
ER006 : Product GUID is mandatory
ER007 : A valid GUID is required for product
ER022 : Quantity must be numeric
ER023 : Quantity must be greater than 0
ER024 : Unauthorized access
ER025 : Inactive Client "Name of Client"
ER032 : Inactive Product "Name of product"
ER041 : Product is not available
ER047 : Vouchers are no more available for blast, contact administrator for details
ER057 : IP not whitelisted
ER059 : Max [1] quantity is allowed per product
ER062 : External ID Product/Brand GUID not mapped with Products/Brand GUID requested
ER076 : Please enter valid BrandProductCode
ER077 : Please enter valid Denomination
ER079 : External order id and previous requested data not matched
ER080 : Multiple products found, Please contact to administrator
ER082 : Error in decrypt data
ER083 : Invalid token
ER1000 : Unexpected error occurred during execution
ER1006 : Vouchers are no more available for blast, contact administrator for details",
ER1056 : Please contact customer service 08510004444
ER1057 : VOUCHER'S REQUESTED QUANTITY FOR REQUIRED DURATION IS NOT AVAILABLE.
ER1011 : Error encountered while processing your request. Please try again later or contact administrator for further details
EROIP : ORDER/REQUEST ALREADY IN PROCESS
1043 : Please provide valid ExternalOrderId
1048 : Error encountered while processing your request. Please try again later or contact administrator for further details
1063 : Product/Brand not available

NOTE:

1. Encryption algo **aes256** is used in encryption and decryption use the same encryption method at your end
2. Encryption & decryption Algo in Node.JS

```
const encryptPiDataNew = (data, key, iv)=>{
  try{
    if(typeof data == "object"){
      data = JSON.stringify(data);
    }
    const cipher = crypto.createCipheriv("aes-256-cbc", key, iv);
```

```

    let encrypted = cipher.update(data);
    encrypted = Buffer.concat([encrypted, cipher.final()]);
    const encryptedStr = encrypted.toString('base64');
    return encryptedStr;
  } catch(e){
    console.log({"encryptPiDataNew":e});
    writeLog("API",{"encryptPiDataNew": exceplog(e),"data":data},e);
    return data;
  }
}

const decryptPiDataNew = (data,key, iv)=>{
  try{
    const decipher = crypto.createDecipheriv("aes-256-cbc", key, iv);
    const decrypted = decipher.update(data, 'base64');
    var decryptedData = Buffer.concat([decrypted, decipher.final()]).toString();
    return decryptedData;
  } catch(e){
    console.log({"decryptPiDataNew":e});
    writeLog("API",{"decryptPiDataNew": exceplog(e),"data":data},e);
    return data;
  }
}

```