



# BBPS SPECIFICATIONS

Release: 2.5

Date: 31 Aug 2020

Author: API Connect team

## Revision History

Revision date	Author	Version	Summary of Changes
16 Dec 2017	API Connect team	1.0	Draft version
11 April 2018	Vinay Vikram	1.1	Included checksum and enc token logic
16 May 2018	Vinay Vikram	1.2	Changing the content and adding information
20 Aug 2018	API Connect team	1.3	Passing Client Id and secret in header instead of query

22 Apr 2019	API Connect team	2.0	Added few fields
24 Apr 2019	Divya Doshi	2.1	Changed Flow Diagram
24 Apr 2019	Divya Doshi	2.1	Added Error Codes
24 Apr 2019	Divya Doshi	2.1	Added Appendix Point 5
21 May 2019	Rashmi Warade	2.2	Added Description for fields in API
23 May 2019	Divya Doshi	2.3	Enhanced description for fields
07 June 2019	Divya Doshi	2.4	1. Clarification for additional fields 2. Added status codes and description for Enquiry API's 3. Changes in CTS Request and Enquiry 4. Added Appendix Point 6
01 July 2019	Divya Doshi	2.4.1	1. Addition of all CTS cases 2. tag description for totAmnt and txnMode in payment request
15 Mar 2020	Divya Doshi	2.4.2	1. Addition of Error codes in Biller / Payment API
25 July 2020	Sujeet Kumar	2.4.3	1. Corrected description of existing tags 2. Addition of new tags in RegForm, BillDueEnquiry, PaymentEnquiry
31 Aug 2020	Sujeet Kumar	2.5	1. Addition of group tags in RegForm API. 2. Correction in BillDueEnquiry response tags. 3. Payment Channel to mode mapping in annexure 4. Updation in UAT test data

### Approvals

This document requires the following approvals:

Name	Title	Date of Issue	Signature
Mr. Yash Shah	Project Manager	31 Aug 2020	

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### Objective

This service is used to provide the API Banking details for the Bharat Bill Pay Project.

### Formats Available

XML and JSON

### HTTP Headers

Consumer need to pass below mentioned HTTP headers in the request. The values of Client Id and secret headers to be provided by API Connect team.

*X-IBM-Client-Id*

*X-IBM-Client-Secret*

*Content-Type*

### API Connect SubHeader

API Connect SubHeader is the common identifier and audit parameter used for all the services built in API Connect.

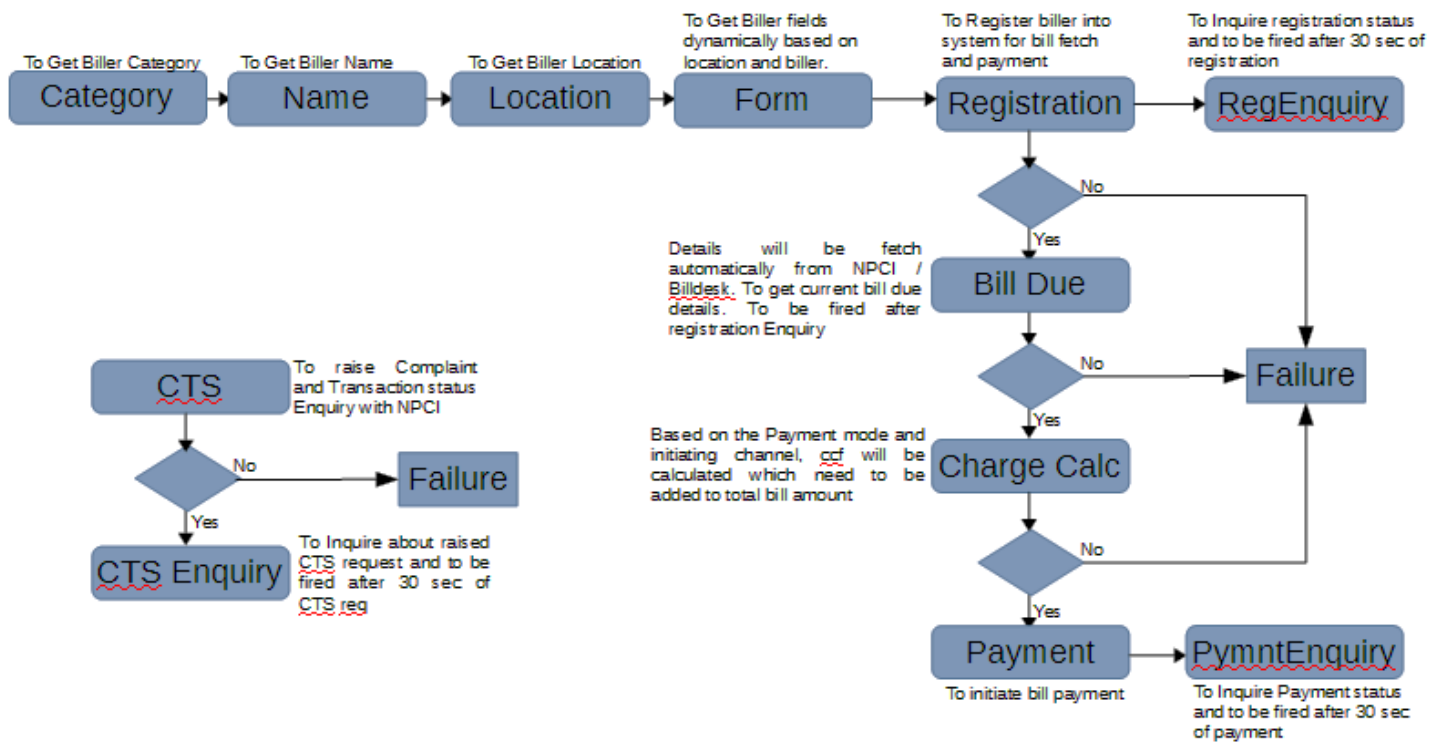
SubHeader structure is same for both request and response part of an API Connect Services.

Field	Length	M/O	Description
RequestUUID	9	M	Unique Alphanumeric ID (without special characters) from the source system
ServiceRequestId	30	M	Service Request ID configured at API Connect for the Source System.
ServiceRequestVersion	3	M	Service Request Version configured at API Connect for the Source System.
ChannelId	3	M	Channel ID configured at API Connect for the Source System. Note: Channel ID is client specific which will be configured on API Connect . It will be provided by API Connect to all the clients. It will also be used for decryption of the encrypted request body sent by the client.



## BBPS Services Process Flow

There are total of 12 services which are to be integrated in order to fetch / validate the bill details and to do the payment. Find the below process to understand the flow :



## BBPS Service Details

### 1. GetBillerCategory

#### URL

<https://sakshamat.axisbank.co.in/gateway/api/v2/bbp/getbillercategory>

#### Non-encrypted request body fields

API Connect fields	Type	Repeating	Mandatory for business processing	Description
BBPGetBillerCategoryRequest	Complex		Y	
BBPGetBillerCategoryRequestBody	Complex		Y	
channelId	String		Y	Channel Id
Checksum	String		Y	Checksum(SHA 256) generation and validation on below attributes (channelId + CHKSUM_KEY)
encToken	String		Y	Encryption/Decryption(AES256) on below attributes (channelId + ENC_KEY)

**NOTE:** channelId,CHKSUM\_KEY and ENC\_KEY will provided through mail

#### Non-encrypted XML request sample

```
<BBPGetBillerCategoryRequest>
  <SubHeader>
    <requestUUID>1</requestUUID>
    <serviceRequestId>2</serviceRequestId>
```

```

    <serviceRequestVersion>3</serviceRequestVersion>
    <channelId>FC</channelId>
  </SubHeader>
  <BBPGetBillerCategoryRequestBody>
    <channelId>620</channelId>

    <checksum>d90d6fd3ac3ce8ef98b1241139eac27921fb358d316253ec3e1223d8737d5e</
checksum>
    <encToken>Mq86yFoaKnQce4BZfu9PPLLeckRek+LvUeL+rQRJrGB8=</encToken>
  </BBPGetBillerCategoryRequestBody>
</BBPGetBillerCategoryRequest>

```

### Non-encrypted JSON request sample

```

{
  "BBPGetBillerCategoryRequest": {
    "SubHeader": {
      "requestUUID": "1",
      "serviceRequestId": "2",
      "serviceRequestVersion": "3",
      "channelId": "FC"
    },
    "BBPGetBillerCategoryRequestBody": {
      "channelId": "620",
      "checksum":
"d90d6fd3ac3ce8ef98b1241139eac27921fb358d316253ec3e1223d8737d5e",
      "encToken": "Mq86yFoaKnQce4BZfu9PPLLeckRek+LvUeL+rQRJrGB8="
    }
  }
}

```

### Encrypted request body fields

Field	Repeating	Mandatory for business processing	Description
BBPGetBillerCategoryRequest		Y	
BBPGetBillerCategoryRequestBodyEncrypted		Y	Encrypted Request Payload Data

### Encrypted XML request sample



```
<?xml version="1.0" encoding="UTF-8"?>
<BBPGetBillerCategoryRequest>
  <SubHeader>
    <requestUUID>1</requestUUID>
    <serviceRequestId>2</serviceRequestId>
    <serviceRequestVersion>3</serviceRequestVersion>
    <channelId>FC</channelId>
  </SubHeader>

  <BBPGetBillerCategoryRequestBodyEncrypted>imyl7aN4IX3e3sBc2RMlo2/zYq8OulA0b4myBbBE
  BbYmg9ZlBQr29coeSGKgQkbzVfFm1v+IZI90arYQj+3rnqh7TUPNSEG7kxOAFgr0nc4x10YxvsPdoUe
  SKw5paegxw7sMxm9+T8yVjVezLI18w2FQSQIs9SL/
  SYAntGmAuteGVNrdTQHsye8BjSHiF9YhcbOKWldm4arnOSAaPC5ulHNZEND7yWG2QufooObpRK
  KH5faBLJkSrZUqMGOjp85NVuVphlkiV5Jhl9q4C2nlzQDUicbF81J1QGK+72c0QYXuF7p+mCPH+mb
  XseOCbFcnsjMOvLDNy5y+XZQzsgk0JwTQM7e+vl3Ln7Ci/
  h4ymEM+OZdSgEWi+NP3KFZZjTiDpCXgJqQrADA5QnvF5Hy7udOyEN9OzCW6X00k3qg650g=</
  BBPGetBillerCategoryRequestBodyEncrypted>
</BBPGetBillerCategoryRequest>
```

### Encrypted JSON request sample

```
{
  "BBPGetBillerCategoryRequest": {
    "SubHeader": {
      "requestUUID": "1",
      "serviceRequestId": "2",
      "serviceRequestVersion": "3",
      "channelId": "FC"
    },
    "BBPGetBillerCategoryRequestBodyEncrypted":
    "uNEQg07BC1jWfdV7NtPMkdnmT2rO9cJ90B9rNf/h/kbCaB1Lw9j2h29IGNdW/GTeajQ8QLo36vm
    EOGUUPDj9mXBli+78N4WUwz5AKQOvZ5TRnAyhuL5TALvI4VY2xfdxWIMMyo/
    8TA7N+IG57DC59J4tuE+AuWD9RWyP/6KEx0TVgY+Xh5HxZ5fzFNnVLNtsV/VNZZS/
    xf7nMW9Ut6lc5T331vhia7LXrw2JBrjS/WidmBGxB+YOS8tdKcResR5U"
  }
}
```

### Non-encrypted response body fields

API Connect fields	Type	Repeating	Mandatory for business	Description

			<b>processing</b>	
BBPGetBillerCategoryResponse	complex		Y	
BBPGetBillerCategoryResponseBody	complex		Y	
GetBillerRegDetailsResponseArray	complex		Y	
GetBillerRegDetailsResponse	complex	Y	Y	
Description	string	Y	Y	
codeValue	integer	Y	Y	
BillerStatus	complex		Y	
successFlag	integer		Y	1 if successful and 2 if unsuccessful
BillerResponse	complex		Y	
errorId	string		Y	Error Id
errorDesc	string		Y	Error Description
Checksum	string		Y	Checksum
encryptedToken	string		Y	Encryption token

### Non-encrypted XML response sample

```
<?xml version="1.0" encoding="UTF-8"?>
<BBPGetBillerCategoryResponse>
  <SubHeader>
    <requestUUID>1</requestUUID>
    <serviceRequestId>2</serviceRequestId>
    <serviceRequestVersion>3</serviceRequestVersion>
    <channelId>FC</channelId>
  </SubHeader>
  <BBPGetBillerCategoryResponseBody>
    <GetBillerRegDetailsResponseArray>
      <GetBillerRegDetailsResponse>
        <description>Broadband Postpaid</description>
        <codeValue>25</codeValue>
      </GetBillerRegDetailsResponse>
    </GetBillerRegDetailsResponseArray>
  </BBPGetBillerCategoryResponseBody>
</BBPGetBillerCategoryResponse>
```

```
</GetBillerRegDetailsResponse>
<GetBillerRegDetailsResponse>
  <description>DTH</description>
  <codeValue>20</codeValue>
</GetBillerRegDetailsResponse>
<GetBillerRegDetailsResponse>
  <description>Dairy</description>
  <codeValue>8</codeValue>
</GetBillerRegDetailsResponse>
<GetBillerRegDetailsResponse>
  <description>Donations</description>
  <codeValue>16</codeValue>
</GetBillerRegDetailsResponse>
<GetBillerRegDetailsResponse>
  <description>E-commerce</description>
  <codeValue>11</codeValue>
</GetBillerRegDetailsResponse>
<GetBillerRegDetailsResponse>
  <description>Educational Fees</description>
  <codeValue>23</codeValue>
</GetBillerRegDetailsResponse>
<GetBillerRegDetailsResponse>
  <description>Educational Institution - Fees</description>
  <codeValue>5</codeValue>
</GetBillerRegDetailsResponse>
<GetBillerRegDetailsResponse>
  <description>Educational Institution - Prospectus Sale</description>
  <codeValue>10</codeValue>
</GetBillerRegDetailsResponse>
<GetBillerRegDetailsResponse>
  <description>Electricity</description>
  <codeValue>1</codeValue>
</GetBillerRegDetailsResponse>
<GetBillerRegDetailsResponse>
  <description>Gas</description>
  <codeValue>14</codeValue>
</GetBillerRegDetailsResponse>
<GetBillerRegDetailsResponse>
  <description>Hospitals</description>
  <codeValue>6</codeValue>
</GetBillerRegDetailsResponse>
<GetBillerRegDetailsResponse>
  <description>Insurance</description>
  <codeValue>3</codeValue>
```

```
</GetBillerRegDetailsResponse>
<GetBillerRegDetailsResponse>
  <description>Landline Postpaid</description>
  <codeValue>18</codeValue>
</GetBillerRegDetailsResponse>
<GetBillerRegDetailsResponse>
  <description>Mobile</description>
  <codeValue>22</codeValue>
</GetBillerRegDetailsResponse>
<GetBillerRegDetailsResponse>
  <description>Mobile Postpaid</description>
  <codeValue>17</codeValue>
</GetBillerRegDetailsResponse>
<GetBillerRegDetailsResponse>
  <description>Mutual fund</description>
  <codeValue>4</codeValue>
</GetBillerRegDetailsResponse>
<GetBillerRegDetailsResponse>
  <description>Others</description>
  <codeValue>12</codeValue>
</GetBillerRegDetailsResponse>
<GetBillerRegDetailsResponse>
  <description>Recharge</description>
  <codeValue>13</codeValue>
</GetBillerRegDetailsResponse>
<GetBillerRegDetailsResponse>
  <description>Rental Payments</description>
  <codeValue>15</codeValue>
</GetBillerRegDetailsResponse>
<GetBillerRegDetailsResponse>
  <description>Shipping</description>
  <codeValue>9</codeValue>
</GetBillerRegDetailsResponse>
<GetBillerRegDetailsResponse>
  <description>Telecom</description>
  <codeValue>2</codeValue>
</GetBillerRegDetailsResponse>
<GetBillerRegDetailsResponse>
  <description>Travel null</description>
  <codeValue>7</codeValue>
</GetBillerRegDetailsResponse>
<GetBillerRegDetailsResponse>
  <description>Utility Bill Payment</description>
  <codeValue>24</codeValue>
```

```

    </GetBillerRegDetailsResponse>
    <GetBillerRegDetailsResponse>
      <description>Water</description>
      <codeValue>19</codeValue>
    </GetBillerRegDetailsResponse>
  </GetBillerRegDetailsResponseArray>
  <BillerResponse>
    <errorId>ERR999</errorId>
    <errorDesc>Success</errorDesc>

<checksum>06bd1450623cb0f260a5a89bf9c15c93df7d00ef9195516d96600d1864596f54</
checksum>
  <encryptedToken>ulO5wPswgFdAVf8E2D56Z32WoVS/lgfxDmaKFXb71ozoq+
+yEPOiuGO218efqNcmf9ID3EbCtpVWefjPuphWQ==</encryptedToken>
  </BillerResponse>
  <BillerStatus>
    <successFlag>1</successFlag>
  </BillerStatus>
</BBPGetBillerCategoryResponseBody>
</BBPGetBillerCategoryResponse>

```

### Non-encrypted JSON response sample

```

{
  "BBPGetBillerCategoryResponse": {
    "SubHeader": {
      "requestUUID": "1",
      "serviceRequestId": "2",
      "serviceRequestVersion": "3",
      "channelId": "FC"
    },
    "BBPGetBillerCategoryResponseBody": {
      "GetBillerRegDetailsResponseArray": {
        "GetBillerRegDetailsResponse": [
          {
            "description": "Broadband Postpaid",
            "codeValue": "25"
          },
          {
            "description": "DTH",
            "codeValue": "20"
          }
        ]
      }
    }
  }
}

```

```
    "description": "Dairy",
    "codeValue": "8"
  },
  {
    "description": "Donations",
    "codeValue": "16"
  },
  {
    "description": "E-commerce",
    "codeValue": "11"
  },
  {
    "description": "Educational Fees",
    "codeValue": "23"
  },
  {
    "description": "Educational Institution - Fees",
    "codeValue": "5"
  },
  {
    "description": "Educational Institution - Prospectus Sale",
    "codeValue": "10"
  },
  {
    "description": "Electricity",
    "codeValue": "1"
  },
  {
    "description": "Gas",
    "codeValue": "14"
  },
  {
    "description": "Hospitals",
    "codeValue": "6"
  },
  {
    "description": "Insurance",
    "codeValue": "3"
  },
  {
    "description": "Landline Postpaid",
    "codeValue": "18"
  },
  {
```

```
    "description": "Mobile",
    "codeValue": "22"
  },
  {
    "description": "Mobile Postpaid",
    "codeValue": "17"
  },
  {
    "description": "Mutual fund",
    "codeValue": "4"
  },
  {
    "description": "Others",
    "codeValue": "12"
  },
  {
    "description": "Recharge",
    "codeValue": "13"
  },
  {
    "description": "Rental Payments",
    "codeValue": "15"
  },
  {
    "description": "Shipping",
    "codeValue": "9"
  },
  {
    "description": "Telecom",
    "codeValue": "2"
  },
  {
    "description": "Travel null",
    "codeValue": "7"
  },
  {
    "description": "Utility Bill Payment",
    "codeValue": "24"
  },
  {
    "description": "Water",
    "codeValue": "19"
  }
}
]
```

```

    },
    "BillerResponse": {
      "errorId": "ERR999",
      "errorDesc": "Success",
      "checksum":
"06bd1450623cb0f260a5a89bf9c15c93df7d00ef9195516d96600d1864596f54",
      "encryptedToken": "ulO5wPwswgFdAVf8E2D56Z32WoVS/IgfxDmaKFXb71ozoq+
+yEPOiuGO218efqNcmf9ID3EbCtpVWefjPuphWQ=="
    },
    "BillerStatus": {
      "successFlag": "1"
    }
  }
}
}
}

```

### Encrypted response body fields

Field	Repeating	Mandatory for business processing	Description
BBPGetBillerCategoryResponse		Y	
BBPGetBillerCategoryResponseBodyEncrypted		Y	Encrypted Response Payload Data

### Encrypted response XML sample

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

```
<BBPGetBillerCategoryResponse>
```

```
  <SubHeader>
```

```
    <requestUUID>1</requestUUID>
```

```
    <serviceRequestId>2</serviceRequestId>
```

```
    <serviceRequestVersion>3</serviceRequestVersion>
```

```
    <channelId>FC</channelId>
```

```
  </SubHeader>
```

```

<BBPGetBillerCategoryResponseBodyEncrypted>VnK9sShFFjmDev+rBjA2aefAs0aobJ2To2yCFG8
qaRlaKm76Zow6H95+nRjluKESUO24DK74GEkaSHKYJ4z8C9TcLgRfNEyoqoPHjEzaVMpwbpmwXD
qqcd1AmshTBNkpitWaVWwEii7VGQxuMDRZikwbSxva2n4RQjUcu2ckOYDBLYs0RDy4eO7nojUEJ0
zNotnru+vBTV3SBVsRWwOwlARJMWYfhr/RqYhWg5IZEdxOPW+qi92ZikEKMBD/

```



lAlxhkxdX1s6GSI6JXrsThbgeNu3eSzEh2VvhYnG0p3G+g75D5E0fWf3INrapmbvzvVTvH1e/  
RgEBUCneEZZTfi3QY2Hec0phE8Me4bCGztUWyy2Cos5SQKitjhytuzwVEoKhVAbnMzHyHqmgonNis  
xOcOMI45CCWwtkzXbYgjt7bbh8oizOMD43GZHlvLk5hyrLMqWCz6EJXz0CJzSByRA4G5wgfSjabxZ4  
m2oGX0lmem4M3xBBTiCjZQUfx/  
zjlgdhixycl9Urgu0wmdNMDJVywRev2zGBmgPZFK2GTezG3yU5LGUJL2dUy/  
goSVOKNOCmsK8ixWDQd/Vi2HtnOBccnbnfStvHxP/  
sigQ4blXnUISs5YciswnGN9Cgqf+7CQpU91tkoPkR8B/  
VDKXtsLzFwxRZ36xZw8KsYMIE8gkhd0II0W1GZ3IMV0RG42uqxi93E1bvtAFkbpwPbW6xcox180tn  
mslxw8m3mJb+0WwqsrvCz8ptnkhXktZw2xeU4cvo9Q+cKJp1kFZHc/Uj8KT1c/  
5rHO2HiH8NUKTTdAXCJflqg2qNoL3Z61AkIttaGZKF3OpGsvAtLLFuvrNV7DPvGtsq0wTyZPnPb5u  
GsW8YaH7L1AbXQ/  
jVfAnXIVSTyI0buq9CDnLjdXSKSS52eCevbiHiyZaMiKssi86F2uEk1dL2qaoqXvOog/  
Vfkaq+Cd1HbQlh2hkHR1SYruWqo7B79GUQR5v28QHOFNcrLIHSxN8Ts7CB5U6nBhGcBoyMrgG5  
mOCYgcyHnWn3b11LrAdG0XG/  
llyl3s8DYBdYXpU8GBQ+bXE+q5itDFc8ZEt4kzavL8SXVnR1Nt3Di+GgLDJo03P0KL1KNpxr2uLPw9br  
pC1mqo4eJXAbibUPfPw/BqUThhLWjB7deR0b0RHSsxc2BODqtf9Oc0hIKPCqdz16sqf1vcgr/  
3cB08D3NEchtpFYU0ZRawg6sLPghMFpU0bN606xbk19IsqDe2ypkap2NuEiSuNqr6Y4lkgfRPsz18o  
SzpcuO49Ey7YgfuBp/  
pXnc9TISsofOHNGaPOHLRyHBFzMSQ2B9ZXU0sIWXlp3VOBQlZckeQDxekjZ4RF2tZsHq2onxaHoigjT  
TMq6Rc27jKjsMDmtwwAlpF3yNThpgqgYT8MPIEofQXxufNy8I0zfpmtHkzCqz9jhKAz0LdKwvFPVLZ  
kaTnzTEN1xwv8pNOXFikPD4mmce3GxQoPq7aUk0/VcyiYDPX/  
Hclw794xpiG0F8Obr1YxEu0CBMJWzdWXXwvL9GkTzdl1WXjgrzrpKZejbYezTZEsmvXvok2OPWakJ  
TM/onLnhoHC6Kwbv8lx14+HFSZ9ywlygkP+a4FRpGLMby7/PruDgnUwkWMPx+  
+p6cbZXVAMUnBLZHAPqvx0+jd1GEj1NCJ4mqQGObv6GjA3ujMttoiKgTzkqckUKoOSo+Yv3nvYwX  
gVRIV7c928dkJiCoKMeGcJP7cSHwg3AHTgORoE/  
7+AQg58D6giD9xa+gRsuulFe8SmPB2XD7Plh9yWdsIH1TGEB8xi82nJKeQwYefCRg7D8oJvfJMWIIR  
4tU8f58mzLEfVIK9W1Sr0t9Kv7gXQjFduLX1gZ1NBBWG66nYU/  
WJwUhAGIMOjmS+mrv3bAkhCzKoSH9NrSHNoweli8qyeh4TdtxGYvp1/  
ntj+TOGNrEGW4uvR3W4zZ58c+0rR/  
adBgdW7Hyl60iYc35xtUZoeMnKldiZrtquNs5gtRkdFEL7qXI1IUB52q6tYlo2xShbh/  
Oazf+lhhR+3Y8oY7lr10v2asWkXZHxzJgwL3L8YiGT7VODqk3aokmiw+RQHzyKdfRu0tBF8+l0vHR6  
dPWXdvhAjYkwan8d1vdFyf+/  
ZCHeM1KuR2ZdG4Ts3XUyGO1fGg8eK8QV33jx1lWKjt8ZJbTdDmY8IOPLzsXlJyKquv+NPh/  
wQvHBnkKAQIT+gtZp+9aYuxEGBxKoSKwr0vZtYfJS3b6tAFPVKBNMs2g5TH4ev6Xtfae3QoiWO9EI  
SHSWldCb6gXs9NbZUaELq07qNvc6seYh691t/  
j5Ox9r9fQGZkRNvYh30KWcdFpL9gesK8I9K5fQDbxj41wSbZZ58Uj753wm2XIIIKIDp+g1MYhF60lf  
L/f+1NyyX9mpQs7FX73Dk1sfQmgztOcErnbjGEoLlKJrPqY7obLYpLtSakZjfA/  
tUHjmszuZFT+Nr3XLgmgz1m7EVlp5gUh3bMz446lyJfBxMc1Y2GvJfyGWh1Mq1rBqdpWJxv0Suzm  
DemCsdR6GsTTvjAVMgGe6Dz4KywrHWv0cokMIV7IIGR/LNcFWjqS/  
nNePlh6+8RWE035Vc+1DIIXFpE5TQNaAbWUzNwHuH3wZitiykQCf1hHcxvhzq+p53pCPfJ5Vm9Tu  
q5OP+o/oS+9/AOqPmRkPVOCcniGYe/a1zKwv/NCw/  
ATt2IZIoEeth8hQKeFlposCiEfa93pk+v3HVfT6PVVCStsyNSWW+PEyHho6YlJ2oyJllkG7eBFnj00gYif  
GnRWWFt3DrxgQstwXpwaD7HI+Y5+saAtDqbtPgDNhXBERiDaeprKGh2g3DS3BfXscqlGLUw3G+W  
pQhTJE6YsJSmPrQA08v+HKlmsWfu7Jdy2aTvnk9gRTAENSb2PrwT4AixejzE1VEK3Mo79rk/

```

xRFDli9vXtqQuWVbJSJq8FN9N17xiEnDdQTnViZYAvotC4luoezqUkH7gpwI19yR9hVNYrnsBx23T5
ciaaGrg27XOOCsYJThleugr0eQiiJtq7RwM629oiZndXs1AZZdBfoK58eJtCJbmBTy2+ObvEb1s8E/
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d7Zsl+vccaozK/
S4anvwj3KjncOzw4PrJxagJZiXGtHM8tZW9SI0rDDrIF68O6Rw7fQH6HnuOhEWGCVB3JJ25dfGzioe
Fgl3rz0Ar9zutpJb5bhn2CZfki25FZGal2xNaM5WmK3prmiSpLRI8CWcf7VHCer/
VcaxAYtULIFK7xG7P3DC/wkGpx1EOMuUpJplLeA22w7K5ym7jKnQ/8Q+
+spUMnNVJ7kulb3OV9lle1kNsVYmKL+l62mXuPnmgvDSYqcmUx1gbf+YFQDw7axzGFkNr7M5ZO
OSUNGHm8TtcBsof8Lor0R1QZPebfMznF6TW1Kk4evzM1m52BDWAg4GXF09dXqj/
paXEvyGqgefEzWOQRZOpuiimRc6YDtS26xNu18M4YblUQwOJwFNJN/Lvimmi/+
+XZ8XbhECdo9gpFTd0x7Jw5imEFahr6bO8p+vUuj+fDX226Jdal+MXOtmQ7fi6BpX3LyjBh/
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dpPNb2yjxwc+G7aPWKVlf25hvPAh1Soq9ZQBdgOGEvgD6RLviA0W/
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QgvNqpRwTGDgPiOMQg6yD+OJ5C+TShlbScM8X4+y2NAE2O/
3/8CQgCe8r7zA1UtF9mKXSezD2VglqiuZnGaJd03zLvz8CKyDxVTPFauOA/
hT2lg00iJZQV8GKlt3o9FRczENQOMeDgAfPy5QBy6RN7cHBNZIHvksGecet6jXxzJHQuQ==</
BBPGetBillerCategoryResponseBodyEncrypted>
</BBPGetBillerCategoryResponse>

```

### Encrypted response JSON sample

```

{
  "BBPGetBillerCategoryResponse": {
    "SubHeader": {
      "requestUUID": "1",
      "serviceRequestId": "2",
      "serviceRequestVersion": "3",
      "channelId": "FC"
    },
    "BBPGetBillerCategoryResponseBodyEncrypted":
    "8tfcj8BRaDgRHwXYmfmyz4ZPxWUWtuUm4BfL2FJOe+qi2BJ970JlaMZuj8qcWlrAER40gkO1beFa
bJL6eMbo2xBl0oGwFKIRLCMTax/w1azbCn00tYajOldakYQgV8EEIClh/cJZL/
YmDgw9GjMNFtoYtbzz8G5B8VmytF8Sc7Wjs0J7HT5+9ESf6TnKw+KoX9g5NIKjgSg32+ojAJLg/
WheoFIL8YYzhwT0wJOfw2tdUQlN1zd7BAM6uV6Okskd1n8WYCNamiyCtLj0cb0GvsINVPmjZ01eu

```

```

kj3JYCvuUsV8xM/y5s2ksu0Vp1EltTer8ba1/wlmtz5IX2/cBZ4tXHRKXNIXfZrk0hQVMptoq54Lg//
e1rJpn393hETmZvz6hFoeTf6lqmdULN02tAM8iebc+N9kQm7eUyT/
175elxLiNBokwtKbOU+I2TGkXEE+zjaQoNvhq2ks8GgRMC9WQUQLyAGGb9DX2Rp8yu0p03BieEih
KRpDcuxQyS63kEkGvJjZg8e+qNYASJlCpf93kFwpuV0ejvWRJBffZLcHw37Xwiez2Jna8PkmFpvnkIcA
kXPBfnlrqRG5YjmnG76mbeN8fEwSnj2oki5Gvs13SnL5RhLjSlqgduz94pfCsmwqoMQ6vbbvA+VxwF
sexhRFGKJivdD1J5ObBzfHxwrSTheNtx/EuhTW1/mEP6ChpAnvgAz/
nLVzEomEuPXqGYKi4MsAd99f3PtL5AuJPevnGfYz/
ft4tPH4QTkPBoOJYpJhVSKY5MS0bOtmgMGigEu88iBlaTzgCG1+Ysx0pYIT7Uh8BB/
IPESHth2eypTjSG0IFQttJ5SoRWAakEze/
m5EoEttiJ09BB+Ed6clM3QBTxa61zpLLQwMTtgcflr3GAUUpI1g56U6Upu3jucB0s2L8zTp/
zdsXlv9LUCb3kbn7DX6921LYD0F1Ju4VaJTE3EQHu2uwp/h2wBhURPsK37xmarxur/
JuiwLhXkIVytLDDTwxt1w5E5/zcQF/VbQQ6h/
IN6E6kXF1GhzaAb4QRDpk8EC9nibPkJOhIRbsKn0pPF7R049tIXQv/
IOPHYTV2yJOwrTOusyjsyhrClze2sk9NQJbCNvxBFd5rvyXaXsghAkoedRBD1SnWal5bh8QgAlzuJeS/
M3JCUFXc0CqYbawUhuw9HzjITb/
8d+ikvy4YsfJQtWT0UXZNAUrENICfGgaB5h2pUtO9X2hpdapPar6sG1DYZKc0XDYjcRieitXH1qPkdM
gXF7+BVJmuAVUrYOGM9SXS69/WIYOgdwbxJOsTxC2iGdVE5FD6s/
U134+J3NYdCjN7yMEjaQaOs1MAqbMdTp+
+mDkctLP8w0YaJatDSQGalEULFTWFM3aL4oivvjd+IUNe3XWtD/
hqYq2Et0L1a14CGX51CSGk5hIkjpxzEZm1uSd0F3KoFp54dEyKcDQATF2Ox2yoNHAVaCTHN85oY4E
AdTsLz7Na6hdUWWRxVnbkkn8l3rafYBwpFF2Gy8k4+7cSRBdQqkqlytjDWgqwtQqFS53W0Pl0x65
Fzy98bj+PqAzxviGiiuq5drDj8XpyNosPdNU58M/
pUdvzqipc8wiay2xUMnFVKQFAlnrj6e11+ypg84S3mTsEGzn6zjDy2aCW0B85leFeBga2U0tzN+C0/
lu+EEujOriaWIOBa/V8aFwYAqy+3SrLTe71Kk/
Bw7cYoC0fpHVSQ+nbz4CCSYbXfboA52UUzOXnDcmF8eCuUp0L1AYTBZH5CEWMMB9ZRo29IRjs8
tqxqCGHKmPZzYNEYXqSX5WefZOwRUA5KJEi4maG7DZRFmnDe2s4WLn5qv2ohYCrz9EzwRRx9tF
MPy25wNIHwzm7vnQWdSmYYu57PwoGjTn7pzcFLivX7+E29vnVt2zJUnUSpJEuD0Zjis9D1Q16ApO
ntilnblRqSck6qvlG4pdAuHzaSNDRm7jaurdQqH86meJit9pG+MUZWP6DIY1SCfOrc2dRIJcf9L6sc8
59/yt3oEDaus="
}
}

```

## Error Codes and Description

<b>Error_Code</b>	<b>Error_Desc</b>
ERR000	No data Found
ERR105	Channel Id is not specified
ERR120	Checksum Invalid
ERR121	Encryption Token Invalid
ERR123	Checksum is not specified!
ERR124	Encryption token not specified!
ERR126	Encrypted Token and CHECKSUM are invalid
ERR999	Success
ERR186	WebApplication Authantication failed
ERR187	Username and password required for basic authentication
ERR189	XSD Schema Validation Failure!

## 2. GetBillerNm

### URL

<https://sakshamuat.axisbank.co.in/gateway/api/v2/bbp/getbillernm>

### Non-encrypted Request body fields

API Connect fields	Type	Repeating	Mandatory for business processing	Descri
BBPGetBillerNmRequest				
BBPGetBillerNmRequestBody	Complex			
billCategory	integer		Y	Biller Category
masterType	integer		Y	(4 for EBPP , 5 for BBPS, Both – 6 )
channelId	string		Y	CHNL_ID
checksum	string		Y	Checksum(SH A256) generation and validation on below attributes (billCategory + masterType + channelId + CHKSUM_KEY)
encToken	string		Y	Encryption/ Decryptio(AES 256)n on below attributes (billCategory + masterType + channelId + ENC_KEY)

**NOTE: channelId,CHKSUM\_KEY and ENC\_KEY will be provided through mail**

### Non-encrypted XML request sample

```

<BBPGetBillerNmRequest>
  <SubHeader>
    <requestUUID>?</requestUUID>
    <serviceRequestId>?</serviceRequestId>
    <serviceRequestVersion>?</serviceRequestVersion>
    <channelId>FC</channelId>
  </SubHeader>
  <BBPGetBillerNmRequestBody>
    <billCategory>17</billCategory>
    <masterType>5</masterType>
    <channelId>620</channelId>
    <checksum>775d353a558afedb5139a8367a3e9881f856b9f915aa42e5f6f968a9e29fd26d</
checksum>
    <encToken>+yYKHkWMaBVAPHIADQmIRILYNsPOYjIZskKnzPsm4KA=</encToken>
  </BBPGetBillerNmRequestBody>
</BBPGetBillerNmRequest>

```

### Non-encrypted JSON request sample

```

{
  "BBPGetBillerNmRequest": {
    "SubHeader": {
      "requestUUID": "?",
      "serviceRequestId": "?",
      "serviceRequestVersion": "?",
      "channelId": "FC"
    },
    "BBPGetBillerNmRequestBody": {
      "billCategory": "17",
      "masterType": "5",
      "channelId": "620",
      "checksum":
"775d353a558afedb5139a8367a3e9881f856b9f915aa42e5f6f968a9e29fd26d",
      "encToken": "+yYKHkWMaBVAPHIADQmIRILYNsPOYjIZskKnzPsm4KA="
    }
  }
}

```

### Encrypted request body fields

Field	Repeating	Mandatory for business processing	Description
BBPGetBillerNmRequest		M	
BBPGetBillerNmRequestBodyEncrypted		M	Encrypted Request Payload Data

### Encrypted XML request sample

```
<BBPGetBillerNmRequest>
```

```
  <SubHeader>
```

```
    <requestUUID>?</requestUUID>
```

```
    <serviceRequestId>?</serviceRequestId>
```

```
    <serviceRequestVersion>?</serviceRequestVersion>
```

```
    <channelId>FC</channelId>
```

```
  </SubHeader>
```

```
<BBPGetBillerNmRequestBodyEncrypted>o+KuklHr9sKynlls/YeqcvphGBMBsB0PLW65jy4qdwppw
R98+qhLG0HBWXCF1w2DHT4xSflU90NfH8jnSERrZmR943ZyLZTEK/
CwhSPcDufOL2HghEfcdeThlqSYuZD89eZUcjs42ODJw/0TOHSPV8APjOv6EdRObEq0NWhI17CQ8I/
9ijf2wCgawEPUgHEwx8BK+hPmeaeovoq8ndm1xzQctXWIOSid2brASNxcRlF9Ukoc95ppwnRo85K
AvT5q4CO5Pz3n1T6zd9+ObSK58aaGd3s/z8nxFQm7baUYV5jGVPSv1dbKOej/m/
AlmxbknEMe8RX/LPqv8gTiHXj5OQoVazj6jj//
9PaoldNCZ5VgRy0kwmXRhrWM7HZoURGJ6Ou9cBsl3H7EiTvwOjM4WylZh/
tfrkg3QC9ur98IXp+LBTKTs5e3j0VWFqZ229b09BveQHUG5y5GqYeLacSqZRzRLzezvq643LuQFsDLzd
l=</BBPGetBillerNmRequestBodyEncrypted>
</BBPGetBillerNmRequest>
```

### Encrypted JSON request sample

```
{
  "BBPGetBillerNmRequest": {
    "SubHeader": {
      "requestUUID": "?",
      "serviceRequestId": "?",
      "serviceRequestVersion": "?",
      "channelId": "FC"
    },
    "BBPGetBillerNmRequestBodyEncrypted":
    "SrLLKwhgUvHxJ6ztmAmbuYC5pfwTKAGQqluMCFDyCYN000On+g7G9f6O50ZwAJ+yVyWipczwbt
```

```
gI8QmKYCMCaq9s0jwHPs68EKZJBPPw5uM9E+DiGYs1TJreOxAwtzqItd5fJdwFZaVZCnlBpqK55gKJ
vZWmOuZZlyRdDsl+k8MThaE3zWLM/1HLsenNoNMC4QYDI0SxHTbQ5ks1/
RdTGIdo4B9WgCJ6MIL+Ar50sbrFu1d9j9ecyQS6Y2m6eB3QtTTkT4jL4ayDjiGoLz/3ojt/
E3pOStkntCLmkEsQHw="
    }
}
```

**Non-encrypted Response body fields**

API Connect fields	Type	Repeating	Mandatory for business processing	Description
BBPGetBillerNmResponse				
BBPGetBillerNmResponseBody	complex			
GetBillerRegDetailsResponseArray	complex			
name	string		Y	Biller name
corpId	string		Y	Corporate Identification code
corpCode	string		Y	Biller Code
locationId	string			
masterType	integer		Y	Master Type(4 for EBPP , 5 for BBPS)
adhocFlag	integer		Y	Registration purpose of the Biller Expected values: 1 - Adhoc Payment 2 - Presentment Exact 3 - Both 4 - Presentment- Exact Up 5 - Presentment Exact Down 6- Presentment Exact Up Down
BillerStatus	complex			
successFlag	integer		Y	1 if successful and 2 if unsuccessful
BillerResponse	complex			



errorId	string		Y	Error Id
errorDesc	string		Y	Error Description
checksum	string		Y	Checksum Checksum (SHA256)generation and validation on below attributes: (CIF_ID + SUCCESS_FLAG +ERROR_ID+ CHKSUM_KEY)
encryptedToken	string		Y	Encryption token Encryption/ Decryption(AES256) on below attributes: (CIF_ID + SUCCESS_FLAG +ERROR_ID+ENC_KE Y)

### Non-encrypted XML response sample

```

<BBPGetBillerNmResponse>
  <SubHeader>
    <requestUUID>?</requestUUID>
    <serviceRequestId>?</serviceRequestId>
    <serviceRequestVersion>?</serviceRequestVersion>
    <channelId>FC</channelId>
  </SubHeader>
  <BBPGetBillerNmResponseBody>
    <GetBillerRegDetailsResponseArray>
      <name>Vodafone Postpaid</name>
      <corpId>BBPS</corpId>
      <corpCode>VODA00000NAT01</corpCode>
      <masterType>5</masterType>
      <adhocFlag>1</adhocFlag>
    </GetBillerRegDetailsResponseArray>
    <GetBillerRegDetailsResponseArray>
      <name>Idea - Bihar</name>
      <corpId>BBPS</corpId>
      <corpCode>IDEA00000BIH04</corpCode>
    </GetBillerRegDetailsResponseArray>
  </BBPGetBillerNmResponseBody>
</BBPGetBillerNmResponse>

```

```
<masterType>5</masterType>
<adhocFlag>1</adhocFlag>
</GetBillerRegDetailsResponseArray>
<GetBillerRegDetailsResponseArray>
  <name>Idea - Himachal Pradesh</name>
  <corpId>BBPS</corpId>
  <corpCode>IDEA00000HIP10</corpCode>
  <masterType>5</masterType>
  <adhocFlag>1</adhocFlag>
</GetBillerRegDetailsResponseArray>
<GetBillerRegDetailsResponseArray>
  <name>Idea - Nagaland</name>
  <corpId>BBPS</corpId>
  <corpCode>IDEA00000NAG21</corpCode>
  <masterType>5</masterType>
  <adhocFlag>1</adhocFlag>
</GetBillerRegDetailsResponseArray>
<GetBillerRegDetailsResponseArray>
  <name>Idea - Telangana</name>
  <corpId>BBPS</corpId>
  <corpCode>IDEA00000TEL26</corpCode>
  <masterType>5</masterType>
  <adhocFlag>1</adhocFlag>
</GetBillerRegDetailsResponseArray>
<GetBillerRegDetailsResponseArray>
  <name>OFMEDN</name>
  <corpId>BBPS</corpId>
  <corpCode>OFME00005DNZ43</corpCode>
  <masterType>5</masterType>
  <adhocFlag>5</adhocFlag>
</GetBillerRegDetailsResponseArray>
<GetBillerRegDetailsResponseArray>
  <name>Idea - Andhra Pradesh</name>
  <corpId>BBPS</corpId>
  <corpCode>IDEA00000ANP01</corpCode>
  <masterType>5</masterType>
  <adhocFlag>1</adhocFlag>
</GetBillerRegDetailsResponseArray>
<GetBillerRegDetailsResponseArray>
  <name>Idea - Haryana</name>
  <corpId>BBPS</corpId>
  <corpCode>IDEA00000HAR09</corpCode>
  <masterType>5</masterType>
  <adhocFlag>1</adhocFlag>
```

```
</GetBillerRegDetailsResponseArray>
<GetBillerRegDetailsResponseArray>
  <name>Idea - Tamil Nadu & Chennai</name>
  <corpId>BBPS</corpId>
  <corpCode>IDEA00000TND27</corpCode>
  <masterType>5</masterType>
  <adhocFlag>1</adhocFlag>
</GetBillerRegDetailsResponseArray>
<GetBillerRegDetailsResponseArray>
  <name>Idea - Postpaid</name>
  <corpId>BBPS</corpId>
  <corpCode>IDEA00000NAT01</corpCode>
  <masterType>5</masterType>
  <adhocFlag>1</adhocFlag>
</GetBillerRegDetailsResponseArray>
<GetBillerRegDetailsResponseArray>
  <name>OTNS</name>
  <corpId>BBPS</corpId>
  <corpCode>OTNS00005XXZ43</corpCode>
  <masterType>5</masterType>
  <adhocFlag>1</adhocFlag>
</GetBillerRegDetailsResponseArray>
<GetBillerRegDetailsResponseArray>
  <name>BSNL Mobile Postpaid</name>
  <corpId>BBPS</corpId>
  <corpCode>BSNLMOB00NAT01</corpCode>
  <masterType>5</masterType>
  <adhocFlag>2</adhocFlag>
</GetBillerRegDetailsResponseArray>
<GetBillerRegDetailsResponseArray>
  <name>Idea - Arunachal Pradesh</name>
  <corpId>BBPS</corpId>
  <corpCode>IDEA00000ARP02</corpCode>
  <masterType>5</masterType>
  <adhocFlag>1</adhocFlag>
</GetBillerRegDetailsResponseArray>
<GetBillerRegDetailsResponseArray>
  <name>Idea - Manipur</name>
  <corpId>BBPS</corpId>
  <corpCode>IDEA00000MAN16</corpCode>
  <masterType>5</masterType>
  <adhocFlag>1</adhocFlag>
</GetBillerRegDetailsResponseArray>
<GetBillerRegDetailsResponseArray>
```

```
<name>Idea - Madhya Pradesh</name>
<corpId>BBPS</corpId>
<corpCode>IDEA00000MAP17</corpCode>
<masterType>5</masterType>
<adhocFlag>1</adhocFlag>
</GetBillerRegDetailsResponseArray>
<GetBillerRegDetailsResponseArray>
  <name>Idea - Meghalaya</name>
  <corpId>BBPS</corpId>
  <corpCode>IDEA00000MEG18</corpCode>
  <masterType>5</masterType>
  <adhocFlag>1</adhocFlag>
</GetBillerRegDetailsResponseArray>
<GetBillerRegDetailsResponseArray>
  <name>Idea - Gujarat</name>
  <corpId>BBPS</corpId>
  <corpCode>IDEA00000GUJ08</corpCode>
  <masterType>5</masterType>
  <adhocFlag>1</adhocFlag>
</GetBillerRegDetailsResponseArray>
<GetBillerRegDetailsResponseArray>
  <name>Idea - Jharkhand</name>
  <corpId>BBPS</corpId>
  <corpCode>IDEA00000JHA11</corpCode>
  <masterType>5</masterType>
  <adhocFlag>1</adhocFlag>
</GetBillerRegDetailsResponseArray>
<GetBillerRegDetailsResponseArray>
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  <corpId>BBPS</corpId>
  <corpCode>IDEA00000MIZ19</corpCode>
  <masterType>5</masterType>
  <adhocFlag>1</adhocFlag>
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  <name>OTME</name>
  <corpId>BBPS</corpId>
  <corpCode>OTME00005XXZ43</corpCode>
  <masterType>5</masterType>
  <adhocFlag>6</adhocFlag>
</GetBillerRegDetailsResponseArray>
<GetBillerRegDetailsResponseArray>
  <name>Idea - Mumbai</name>
  <corpId>BBPS</corpId>
```

```
<corpCode>IDEA00000MUM20</corpCode>
<masterType>5</masterType>
<adhocFlag>1</adhocFlag>
</GetBillerRegDetailsResponseArray>
<GetBillerRegDetailsResponseArray>
  <name>Idea - Uttar Pradesh (W)</name>
  <corpId>BBPS</corpId>
  <corpCode>IDEA00000UPW30</corpCode>
  <masterType>5</masterType>
  <adhocFlag>1</adhocFlag>
</GetBillerRegDetailsResponseArray>
<GetBillerRegDetailsResponseArray>
  <name>Idea - Goa</name>
  <corpId>BBPS</corpId>
  <corpCode>IDEA00000GOA07</corpCode>
  <masterType>5</masterType>
  <adhocFlag>1</adhocFlag>
</GetBillerRegDetailsResponseArray>
<GetBillerRegDetailsResponseArray>
  <name>Idea - Punjab</name>
  <corpId>BBPS</corpId>
  <corpCode>IDEA00000PUN23</corpCode>
  <masterType>5</masterType>
  <adhocFlag>1</adhocFlag>
</GetBillerRegDetailsResponseArray>
<GetBillerRegDetailsResponseArray>
  <name>Idea - Odisha</name>
  <corpId>BBPS</corpId>
  <corpCode>IDEA00000ODI22</corpCode>
  <masterType>5</masterType>
  <adhocFlag>1</adhocFlag>
</GetBillerRegDetailsResponseArray>
<GetBillerRegDetailsResponseArray>
  <name>Idea - Rajasthan</name>
  <corpId>BBPS</corpId>
  <corpCode>IDEA00000RAJ24</corpCode>
  <masterType>5</masterType>
  <adhocFlag>1</adhocFlag>
</GetBillerRegDetailsResponseArray>
<GetBillerRegDetailsResponseArray>
  <name>Idea - Sikkim</name>
  <corpId>BBPS</corpId>
  <corpCode>IDEA00000SIK25</corpCode>
  <masterType>5</masterType>
```

```
<adhocFlag>1</adhocFlag>
</GetBillerRegDetailsResponseArray>
<GetBillerRegDetailsResponseArray>
  <name>Idea - Uttar Pradesh (E)</name>
  <corpId>BBPS</corpId>
  <corpCode>IDEA00000UPE29</corpCode>
  <masterType>5</masterType>
  <adhocFlag>1</adhocFlag>
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<GetBillerRegDetailsResponseArray>
  <name>Idea - Uttarakhand</name>
  <corpId>BBPS</corpId>
  <corpCode>IDEA00000UTT31</corpCode>
  <masterType>5</masterType>
  <adhocFlag>1</adhocFlag>
</GetBillerRegDetailsResponseArray>
<GetBillerRegDetailsResponseArray>
  <name>Idea - Karnataka</name>
  <corpId>BBPS</corpId>
  <corpCode>IDEA00000KAR12</corpCode>
  <masterType>5</masterType>
  <adhocFlag>1</adhocFlag>
</GetBillerRegDetailsResponseArray>
<GetBillerRegDetailsResponseArray>
  <name>Idea - Kolkata</name>
  <corpId>BBPS</corpId>
  <corpCode>IDEA00000KOL14</corpCode>
  <masterType>5</masterType>
  <adhocFlag>1</adhocFlag>
</GetBillerRegDetailsResponseArray>
<GetBillerRegDetailsResponseArray>
  <name>Idea - Maharashtra</name>
  <corpId>BBPS</corpId>
  <corpCode>IDEA00000MAH15</corpCode>
  <masterType>5</masterType>
  <adhocFlag>1</adhocFlag>
</GetBillerRegDetailsResponseArray>
<GetBillerRegDetailsResponseArray>
  <name>Idea - Assam</name>
  <corpId>BBPS</corpId>
  <corpCode>IDEA00000ASM03</corpCode>
  <masterType>5</masterType>
  <adhocFlag>1</adhocFlag>
</GetBillerRegDetailsResponseArray>
```

```
<GetBillerRegDetailsResponseArray>
  <name>Idea - Kerala</name>
  <corpId>BBPS</corpId>
  <corpCode>IDEA00000KER13</corpCode>
  <masterType>5</masterType>
  <adhocFlag>1</adhocFlag>
</GetBillerRegDetailsResponseArray>
<GetBillerRegDetailsResponseArray>
  <name>Idea - Chhattisgarh</name>
  <corpId>BBPS</corpId>
  <corpCode>IDEA00000CHH05</corpCode>
  <masterType>5</masterType>
  <adhocFlag>1</adhocFlag>
</GetBillerRegDetailsResponseArray>
<GetBillerRegDetailsResponseArray>
  <name>Idea - Delhi NCR</name>
  <corpId>BBPS</corpId>
  <corpCode>IDEA00000DEL06</corpCode>
  <masterType>5</masterType>
  <adhocFlag>1</adhocFlag>
</GetBillerRegDetailsResponseArray>
<GetBillerRegDetailsResponseArray>
  <name>Idea - Tripura</name>
  <corpId>BBPS</corpId>
  <corpCode>IDEA00000TRI28</corpCode>
  <masterType>5</masterType>
  <adhocFlag>1</adhocFlag>
</GetBillerRegDetailsResponseArray>
<GetBillerRegDetailsResponseArray>
  <name>Aircel Postpaid</name>
  <corpId>BBPS</corpId>
  <corpCode>AIRCELMOBNAT01</corpCode>
  <masterType>5</masterType>
  <adhocFlag>6</adhocFlag>
</GetBillerRegDetailsResponseArray>
<GetBillerRegDetailsResponseArray>
  <name>Idea - West Bengal</name>
  <corpId>BBPS</corpId>
  <corpCode>IDEA00000WBL32</corpCode>
  <masterType>5</masterType>
  <adhocFlag>1</adhocFlag>
</GetBillerRegDetailsResponseArray>
<BillerStatus>
  <successFlag>1</successFlag>
```

```

</BillerStatus>
<BillerResponse>
  <errorId>ERR999</errorId>
  <errorDesc>Success</errorDesc>

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checksum>

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gL7HZKiSxsiNRzZmqGrilB3aA7RmLqe4x67mHSX5qe2QEiZV+/a9gHJzZ6MBIEXNmuVXX92</
encryptedToken>
  </BillerResponse>
</BBPGetBillerNmResponseBody>
</BBPGetBillerNmResponse>

```

### Non-encrypted JSON response sample

```

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  "BBPGetBillerNmResponse": {
    "SubHeader": {
      "requestUUID": "?",
      "serviceRequestId": "?",
      "serviceRequestVersion": "?",
      "channelId": "FC"
    },
    "BBPGetBillerNmResponseBody": {
      "GetBillerRegDetailsResponseArray": [
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          "name": "Vodafone Postpaid",
          "corpId": "BBPS",
          "corpCode": "VODA00000NAT01",
          "masterType": "5",
          "adhocFlag": "1"
        },
        {
          "name": "Idea - Bihar",
          "corpId": "BBPS",
          "corpCode": "IDEA00000BIH04",

```



```
    "masterType": "5",
    "adhocFlag": "1"
  },
  {
    "name": "Idea - Himachal Pradesh",
    "corpId": "BBPS",
    "corpCode": "IDEA00000HIP10",
    "masterType": "5",
    "adhocFlag": "1"
  },
  {
    "name": "Idea - Nagaland",
    "corpId": "BBPS",
    "corpCode": "IDEA00000NAG21",
    "masterType": "5",
    "adhocFlag": "1"
  },
  {
    "name": "Idea - Telangana",
    "corpId": "BBPS",
    "corpCode": "IDEA00000TEL26",
    "masterType": "5",
    "adhocFlag": "1"
  },
  {
    "name": "OFMEDN",
    "corpId": "BBPS",
    "corpCode": "OFME00005DNZ43",
    "masterType": "5",
    "adhocFlag": "5"
  },
  {
    "name": "Idea - Andhra Pradesh",
    "corpId": "BBPS",
    "corpCode": "IDEA00000ANP01",
    "masterType": "5",
    "adhocFlag": "1"
  },
  {
    "name": "Idea - Haryana",
    "corpId": "BBPS",
    "corpCode": "IDEA00000HAR09",
    "masterType": "5",
    "adhocFlag": "1"
  }
```

```
    },
    {
      "name": "Idea - Tamil Nadu & Chennai",
      "corpId": "BBPS",
      "corpCode": "IDEA00000TND27",
      "masterType": "5",
      "adhocFlag": "1"
    },
    {
      "name": "Idea - Postpaid",
      "corpId": "BBPS",
      "corpCode": "IDEA00000NAT01",
      "masterType": "5",
      "adhocFlag": "1"
    },
    {
      "name": "OTNS",
      "corpId": "BBPS",
      "corpCode": "OTNS00005XXZ43",
      "masterType": "5",
      "adhocFlag": "1"
    },
    {
      "name": "BSNL Mobile Postpaid",
      "corpId": "BBPS",
      "corpCode": "BSNLMOB00NAT01",
      "masterType": "5",
      "adhocFlag": "2"
    },
    {
      "name": "Idea - Arunachal Pradesh",
      "corpId": "BBPS",
      "corpCode": "IDEA00000ARP02",
      "masterType": "5",
      "adhocFlag": "1"
    },
    {
      "name": "Idea - Manipur",
      "corpId": "BBPS",
      "corpCode": "IDEA00000MAN16",
      "masterType": "5",
      "adhocFlag": "1"
    },
    {
```

```
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    "corpId": "BBPS",
    "corpCode": "IDEA00000MAP17",
    "masterType": "5",
    "adhocFlag": "1"
  },
  {
    "name": "Idea - Meghalaya",
    "corpId": "BBPS",
    "corpCode": "IDEA00000MEG18",
    "masterType": "5",
    "adhocFlag": "1"
  },
  {
    "name": "Idea - Gujarat",
    "corpId": "BBPS",
    "corpCode": "IDEA00000GUJ08",
    "masterType": "5",
    "adhocFlag": "1"
  },
  {
    "name": "Idea - Jharkhand",
    "corpId": "BBPS",
    "corpCode": "IDEA00000JHA11",
    "masterType": "5",
    "adhocFlag": "1"
  },
  {
    "name": "Idea - Mizoram",
    "corpId": "BBPS",
    "corpCode": "IDEA00000MIZ19",
    "masterType": "5",
    "adhocFlag": "1"
  },
  {
    "name": "OTME",
    "corpId": "BBPS",
    "corpCode": "OTME00005XXZ43",
    "masterType": "5",
    "adhocFlag": "6"
  },
  {
    "name": "Idea - Mumbai",
    "corpId": "BBPS",
```

```
    "corpCode": "IDEA00000MUM20",
    "masterType": "5",
    "adhocFlag": "1"
  },
  {
    "name": "Idea - Uttar Pradesh (W)",
    "corpId": "BBPS",
    "corpCode": "IDEA00000UPW30",
    "masterType": "5",
    "adhocFlag": "1"
  },
  {
    "name": "Idea - Goa",
    "corpId": "BBPS",
    "corpCode": "IDEA00000GOA07",
    "masterType": "5",
    "adhocFlag": "1"
  },
  {
    "name": "Idea - Punjab",
    "corpId": "BBPS",
    "corpCode": "IDEA00000PUN23",
    "masterType": "5",
    "adhocFlag": "1"
  },
  {
    "name": "Idea - Odisha",
    "corpId": "BBPS",
    "corpCode": "IDEA00000ODI22",
    "masterType": "5",
    "adhocFlag": "1"
  },
  {
    "name": "Idea - Rajasthan",
    "corpId": "BBPS",
    "corpCode": "IDEA00000RAJ24",
    "masterType": "5",
    "adhocFlag": "1"
  },
  {
    "name": "Idea - Sikkim",
    "corpId": "BBPS",
    "corpCode": "IDEA00000SIK25",
    "masterType": "5",
```

```
    "adhocFlag": "1"
  },
  {
    "name": "Idea - Uttar Pradesh (E)",
    "corpId": "BBPS",
    "corpCode": "IDEA00000UPE29",
    "masterType": "5",
    "adhocFlag": "1"
  },
  {
    "name": "Idea - Uttarakhand",
    "corpId": "BBPS",
    "corpCode": "IDEA00000UTT31",
    "masterType": "5",
    "adhocFlag": "1"
  },
  {
    "name": "Idea - Karnataka",
    "corpId": "BBPS",
    "corpCode": "IDEA00000KAR12",
    "masterType": "5",
    "adhocFlag": "1"
  },
  {
    "name": "Idea - Kolkata",
    "corpId": "BBPS",
    "corpCode": "IDEA00000KOL14",
    "masterType": "5",
    "adhocFlag": "1"
  },
  {
    "name": "Idea - Maharashtra",
    "corpId": "BBPS",
    "corpCode": "IDEA00000MAH15",
    "masterType": "5",
    "adhocFlag": "1"
  },
  {
    "name": "Idea - Assam",
    "corpId": "BBPS",
    "corpCode": "IDEA00000ASM03",
    "masterType": "5",
    "adhocFlag": "1"
  }
},
```

```
{
  "name": "Idea - Kerala",
  "corpId": "BBPS",
  "corpCode": "IDEA00000KER13",
  "masterType": "5",
  "adhocFlag": "1"
},
{
  "name": "Idea - Chhattisgarh",
  "corpId": "BBPS",
  "corpCode": "IDEA00000CHH05",
  "masterType": "5",
  "adhocFlag": "1"
},
{
  "name": "Idea - Delhi NCR",
  "corpId": "BBPS",
  "corpCode": "IDEA00000DEL06",
  "masterType": "5",
  "adhocFlag": "1"
},
{
  "name": "Idea - Tripura",
  "corpId": "BBPS",
  "corpCode": "IDEA00000TRI28",
  "masterType": "5",
  "adhocFlag": "1"
},
{
  "name": "Aircel Postpaid",
  "corpId": "BBPS",
  "corpCode": "AIRCELMOBNAT01",
  "masterType": "5",
  "adhocFlag": "6"
},
{
  "name": "Idea - West Bengal",
  "corpId": "BBPS",
  "corpCode": "IDEA00000WBL32",
  "masterType": "5",
  "adhocFlag": "1"
}
],
"BillerStatus": {
```

```

        "successFlag": "1"
    },
    "BillerResponse": {
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        "errorDesc": "Success",
        "checksum":
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        "encryptedToken":
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kBRrq+AoRPUtIV2bZfonndH0lvaoCxiqfscstX/
rsxi9w223rAk3cen5BpxExcVfPdiTEuA99azC7uwaWUIEhKiH3XYHmPBghJuyVYIP4KhA/
gL7HZKiSxsiNRzZmqGuGrilB3aA7RmLqe4x67mHSX5qe2QEiZV+/a9gHJzZ6MBIEXNmuVXX92"
    }
}
}
}
}

```

### Encrypted response body fields

Field	Length	M/O	Description
BBPGetBillerNmResponse		M	
BBPGetBillerNmResponseBodyEncrypted		M	Encrypted Response Payload Data

### Encrypted response XML sample

```
<BBPGetBillerNmResponse>
```

```
<SubHeader>
```

```
<requestUUID>?</requestUUID>
```

```
<serviceRequestId>?</serviceRequestId>
```

```
<serviceRequestVersion>?</serviceRequestVersion>
```

```
<channelId>FC</channelId>
```

```
</SubHeader>
```

```

<BBPGetBillerNmResponseBodyEncrypted>9hpXaE9FHLZ/ldU0u/xGuPYZoG24M9dk9wMiGXak3
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D9hLi8ihYsc5eZjZ1X87ASE8PiOKwhK1vsgKGMxX/1pJlu28kjfOXRI82QkCP9/
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dlyY6qg7L7vq6jVjK70rkkMVYj74GN6FVX1g9sz/

```

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Oqkek/U2/  
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sBUyfsVMFm0ig0uejeVaaB0ntz7AKPjCoCOM0J5V3qbORjahObTS8AQsflJaFzrYLWOKg7uuX9nS5B  
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Qz69PPDvy3r3kzsnsOL/  
Oj718eVar8855x1SiG51bH4XEpf9hqOmX87U0OhfPdeyzOGMj43HUB+KQtq10Oz0J7kl/  
+NISRNCDSiGO2uqfj+r2S19Keglp6Jeuna/  
gVdu4igfeUEZS7sarJmScInocelC8MF5rWEa6MScHvLMpWda5b9t5QTx2J33/BHmiP9Dle/  
5Gb9bo6m5wLgrE1L0qOV9+Yh9GRry2iyEUEyAPemulxV0gtHlkCld5sQX6GyiLA/Q2HS5Ta/  
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bfnoR9DPONEKA+ZCFo+oPzs+Y8UwqUxPVs+cf8j6Bf97Dpgh/  
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IMzx6kUjlkWzY1jSBS6kMh46mJ90zoT4nRSUuV1FH1Lgs9KEBV/  
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### Encrypted response JSON sample

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dCEa0nJrPN9F31pfaNlkwfGreacSTSEb308o1RtWO5vHhvmVbDdxVJ9XBVlia8AJanO1cnw50X4qCk  
6CF/qiTbH1Ejr/p6dZs0fcTtyFQbmONumRPvi4V/3nO77jGmKo8ewVx/  
8KI2ToSHeFZn+6LKckgs9sXY87N6gHLo5kZ3walUOS/nxwNdA5JCGw0ZGfbLR8BT9pi3J/  
FBTPrsJfIOiJM0DHrcjeZ3pNnzCQpohdxGgYWVGChTBhFx3c3luJiOom04J2RxtnnJqqrON0kLAHcKh  
MlqzGksn+vxjUCBLHfsFu3mRkKX82DPdA12AQdyClotMYqJra5MDfhr17SsXg9PkCtAJeg3L42e6kv  
BFzfjJMfSTQGaPpK98osoJJcoPir+6C6V///7hN22hFqJkYwLuw7Hn6lZ9IA1RvtpmD2pK/  
k+LdKiDYvlqcutR2bl22qiTt2/3VRWDRvJGsk6bWjUUCJ92RylugPyySiyEcofaBzISfbkX3WhQznjgrlm  
2fA5hD3LV/lSqEZCGvU/O4L5+X2JNaV/  
gafQnvN8sU9y3X+7s6A+NXEA+xzx4ZREGn4t03slRcbPcvNPDNktC98zfsneFoseHqe3TfGle9+1F+a0  
BFL7ZkK2tsUEhQNRzbG153hDk90xf9BzJpOPzd8ClCaMNzbHXdBNDWog6XMUIOed2e23mIXP6  
BhUp5RrPvLYN9J/  
3K8Me6oUxgTq+v4qMHM6xFm2XWXXnNNV5C5CtVgXvEhnB2tIKdyKMO1Scez9jhQ0UP4mvGtuz  
N28H/jaTAayb0IN7raGZTL0qYt/

```

U6JVgqNIEPz8GQT7WjIJ4bAHMD708wf3Htl1zhnGuX2RiQnb2c7uA/adAVluxXuVGwH6NxVe0pP/
ROa2OvYvsgKbLug3Oy6CwdiyWrp15/aA3kaPoTnoTrJSh/uu8+ECNjTP19ZMEDh+wNeQaoY/
gYzW5fyuv3iFg8Ns9fUcwzoMWRZcESaEounoxzbX1ZZr5SoGy0PqeNyoAMUZhr5jOD+23yyQbW7
P0GcVLct5Eq47ADnWzOdLYk3D7mbA5V4b0J5fZhc9kHZGCMxKBvQeb5DDcN6jL4v1i0bEA7Fu1jxT
sClqqDBeaAkTG5Z8eQumpOTN3pFP+OnU0icDqa37WYq/Uk08A/
ZDOihZ8CqxjQV6tFof04BKqE6ug7iSMGaL3vS5pr2o6hslzv0w1UfyGlrhlRNXt7rGNS2hWDvULI4Ar
XMEUL451x1Qgb+SICXKHclCKskYjX+wqyscvThdY0BgMpbr/
oUp7ZwC3T+6n1AqsTS+cTGmbF3LZJGgoeB+Kh0RUtAo92OKIh18StvfhLvUN/jnFUIIj/7/
Hz+msKFilGJI6ZfUoPo0dcm5rTTdGhRMUjfkT5GF0z71DgMxlbJz8uf4FIFeq3JBw74E3f/
NUkH28Gwh9YawQfLwxRjMW9huysHCWxHYXUKRac8ICPhXoXoatWB4QecbqH/mlV7/
BOPqtgEVIGU4GERbCjmAzdhnwE1viBXVMt8NnVUQdyzKpz5tSc9BRtN5UDAiLBgXbzIz2q/
Mt5YjmGVHuU6PiuGyqrsI9Cn+WjocYZoQEXK7skiQregzIqeGR8DxHcl+H4O9QHp1yGZutkCA+y4A
oGuz+De5uWpYYByLAdCfu6w1Us5dj4CCFORNxxkjKZKyhT883p9Qi3ajPKhKfTsHoWRjB3XzUE+nH3
tpyulzvx+YdlHsXiqZ04T/oGP5Ff0kL+ICR/
xFD53k8xHA+rugbhHatEfQncz7T70UNMwXf67gr7TKmgs6Jflm4GHZf6O2VxETYPkpXbMAUjnc3
VjOqrZLsotCGEdR6NSuWkeXcApP9QaRttZDac+bjZD/
FzG+YIAuPZpe1MqKb5kbhxXDt3x26Iiet7fLOxmyw3I1pyPWtCt37aLozvD0INZJGS40A7Johq9A+k3
hSgVkuYcYcOncdUkuVEISX1R60xkMQqrlQmBcr1YUtUEu/
fpv5rXZhxU8jcCWXRllFubEYmolAxTVO7K7YbVYVee7a3D789Zu2NmGXHaUZWdgwCByWxcTVdRsi
3hv1qf7I/
pkEgx2Yd49KZ9Lc1rNM3ElcUQPHCzk51g+1ZnMN6gWVZTgEbtG7M1zamjBJGHkHRTPWqheHnRtj
XTOYbslwKsYQ+HJ2ZxaNjoGjSsErNnjZkCMUKHKmS7wsbeRQ5FsHpwbEJVQjYIEZHEiy4OdNdpMI9
m4O5dlHnOjdUq8rd5dJY+n/Bc/T/gYBMhVV59r7ogwb+BgdF3mMtG63eeL4/
u5L8Akd3PpKGAXbTgpEkTuylw1F0u8WasT+jXkVK6/lpKlIYr6TNk4MLIy82S+a8Usa/
9pOslgPefuK61cz82ziEg3EDe53tEk8iEiaZMBTUxhNGNofvpzTegU+wVQ3t3gLO9qxDjhcN9erjQAN
dxif3f3AYnzHlscnXhBwfdHBEOvyS6QKnBMhFZyoBAunqZFBY0rs49ilswLXL/
5JtT8+ET2CH5X5zvgVRob9oY9keZyRxdn4Lp0A7LEOhhS8RX6ttLzWzbn5PDchlRmbGYEUtsRaTask
ehDDXI6VHcDyl3IG8lsE555SY1JobMaRWiyHlp22L3J7/jc7hAgrmzbfRB2Isooy81sd6knmOx/
CU9qP1BhZIXL4CYxnJ2OielG4/3k9jO3Nrh1cMFrqmEILMfVYcNqOO2MulA/
Q075fCPsMSCB0mS2NaxrT1c+itJf95tf3joHw7VfWcwCDXbmlaPOG0WKKAE1FCZWpcE2iBMBzPb
Y7rjzBHwoYc+qzNih41JB4ff5fQnaACJks8JNSP1NuPKH7vaKb29i/lzJZT7vY="
    }
}
    
```

**Error Codes and Description**

Error_Code	Error_Desc
ERR000	No data Found
ERR100	Billor Category is not Specified
ERR103	Master type is not Specified

ERR105	Channel Id is not specified
ERR120	Checksum Invalid
ERR121	Encryption Token Invalid
ERR123	Checksum is not Specified!
ERR124	Encryption is not Specified!
ERR999	Success
ERR186	WebApplication Authantication failed
ERR187	Username and password required for basic authentication
ERR189	XSD Schema Validation Failure!

### 3. GetBillerLocation

#### URL

<https://sakshamuat.axisbank.co.in/gateway/api/v2/bbp/getbillerlocation>

#### Non-encrypted request body fields

API Connect fields	Type	Repeating	Mandatory for business processing
BBPGetBillerLocationRequest	complex		Y
BBPGetBillerLocationRequestBody	complex		Y
GetBillerRegDetailsRequest	complex		Y
billCategory	integer		Y
corpId	string		Y
corpCode	string		Y
masterType	integer		Y
Status	integer		
channelId	string		Y
Checksum	String		Checksum (SHA256) generation and validation on below attributes: (billCategory + corpCode + masterType + channelId + CHKSUM_KEY)
encToken	String		Encryption/Decryption(AES256) on below attributes:



			(billCategory + corpCode + masterType + channelId + ENC_KEY)
--	--	--	--

Note: channelId,CHKSUM\_KEY and ENC\_KEY will provided through mail

### Non-encrypted XML request sample

```
<BBPGetBillerLocationRequest>
  <SubHeader>
    <requestUUID>1</requestUUID>
    <serviceRequestId>2</serviceRequestId>
    <serviceRequestVersion>3</serviceRequestVersion>
    <channelId>FC</channelId>
  </SubHeader>
  <BBPGetBillerLocationRequestBody>
    <billCategory>17</billCategory>
    <corpId>BBPS</corpId>
    <corpCode>OTME00005XXZ43</corpCode>
    <masterType>5</masterType>
    <channelId>620</channelId>
    <checksum>26e2e8b80b13e5c413e3dd81758c6007d55e5246971feeaf3ef406e1e83a5dac</checksum>
    <encToken>XAYembe/bYL1+cNgwUmvyP+qo/UMQn3WgfaOqATG4zIVa3nKrpcU1fDu5XNT/dp4</encToken>
  </BBPGetBillerLocationRequestBody>
</BBPGetBillerLocationRequest>
```

### Non-encrypted JSON request sample

```
{
  "BBPGetBillerLocationRequest": {
    "SubHeader": {
      "requestUUID": "1",
      "serviceRequestId": "2",
      "serviceRequestVersion": "3",
      "channelId": "FC"
    },
    "BBPGetBillerLocationRequestBody": {
      "billCategory": "17",
      "corpId": "BBPS",
```

```

    "corpCode": "OTME00005XXZ43",
    "masterType": "5",
    "channelId": "620",
    "checksum":
"26e2e8b80b13e5c413e3dd81758c6007d55e5246971feeaf3ef406e1e83a5dac",
    "encToken":
"XAYembe/bYL1+cNgwUmvyp+qo/UMQn3WgfaOqATG4zIva3nKrpcU1fDu5XNT/dp4"
  }
}
}

```

### Encrypted request body fields

Field	Repeating	Mandatory for business processing	Description
BBPGetBillerLocationRequest		Y	
BBPGetBillerLocationRequestBodyEncrypted		Y	Encrypted Request Payload Data

### Encrypted XML request sample

```
<BBPGetBillerLocationRequest>
```

```
<SubHeader>
```

```
<requestUUID>1</requestUUID>
```

```
<serviceRequestId>2</serviceRequestId>
```

```
<serviceRequestVersion>3</serviceRequestVersion>
```

```
<channelId>FC</channelId>
```

```
</SubHeader>
```

```

<BBPGetBillerLocationRequestBodyEncrypted>WQGuS5MrBwZl9Ztyr5D+w5L3byLJCb6XrKrKQyZ
DUQVUc8HI3wvC5D7kcyBLE06BWuqNE/zLyYKII/vzW9WkT4qnITdxFiFu/xi5IT/
rIKyLvO938aSftlZRX5LbdS3JSIlgJ6Gy57gixB6F7mvaoTpITsKci51llrIDxhJmXp6uoXnnLm3U0/
dW7JvqSR2/
ce9KdrmayyCQN3P2LDSAkriPQJcROjRstRqmyaFjOuw7G+bep1IUbMUcDmAsT4EWRr3yKz+YtM/
Drar68SwwM9g8bi9RKEGMBu1QAIzvbicq3KnaXqZBFldbe7T6eYKI9I4ZDsgKBsn/MeH9/
P+efdyK7XS0/XmM+69xo8hla1CEmqhQH4gU0fwU/
zNrTCh0VOOQXv3JiOJg6HnI03o+AO3+CW2fspYykI1c0DCnLFPsOQiL2+hLn53mTZv/
I7lcWBSQeD9wNrDt4HVf+/
K6ZSnV52ywjlfDPA6ZAEwyDkD9zs0S2ucG2CSHefTUNXPdOv0vLUVI+9gKGDqJg/4KuxDAvivy/
VaEsw7qJO8C/4y4felkdT/

```

```
FYrQ9mHUT31UgyXhb0BxF2VZ4Fy5HkGtVxV8zzSREUIv70zaGWt6dhBk=</
BBPGetBillerLocationRequestBodyEncrypted>
</BBPGetBillerLocationRequest>
```

### Encrypted JSON request sample

```
{
  "BBPGetBillerLocationRequest": {
    "SubHeader": {
      "requestUUID": "1",
      "serviceRequestId": "2",
      "serviceRequestVersion": "3",
      "channelId": "FC"
    },
    "BBPGetBillerLocationRequestBodyEncrypted":
    "UfEMfcLSY2NkhYzEKGNhrB5KzUMCHIpM8oylk+Dk05LWcFniSKHiKlyti5qTQ/spmQv8Qnlg1sGEI2
x4BSxJCwOfgZmkIzoL8a/bx4k1VHOjdQUkrHQ2zeEk7HTQ/
jvAc408OYdWxx9rq+t87IWYQNFrLirUgdwqa1Gx3BoEHUIXlrEQtuESNLjdTmcQ7FJtVxgQKw7Z75ih
gO7ZGbVAZcX77FvVaJISGnfzPKqmT0u72apx6gdHzk9sPzT+jTp9QtW/
FXRtvWfPKA9ntt2uAFhSEITD3MAvhRIAE00bluGMFXY/fHilQSDz5wrk81Baj2D/
QbrVSiDVNpAIEmb8QBNVCy3/ePtEdUA8X6TgpzC5+ULnOc1ufm5ti1Asuke"
  }
}
```

### Non-encrypted response body fields

API Connect fields	Type	Repeating	Mandatory for business processing	Description
BBPGetBillerLocationResponse	complex		Y	
BBPGetBillerLocationResponse Body	complex			
GetBillerRegDetailsResponseArray	complex		Y	
GetBillerRegDetailsResponse	complex	Y	Y	
locationId	string	Y	Y	Location ID
locationCodeDesc	string	Y	Y	Location Description
successFlag	integer		Y	1 if successful and 2 if unsuccessful
errorId	string		Y	Error Id

errorDesc	string		Y	Error Description
checksum	string		Y	Checksum (SHA256) generation and validation on below attributes: (LVL_CODE_ACTL + SUCCESS_FLAG + ERROR_ID + CHKSUM_KEY)
encryptedToken	string		Y	Encryption/Decryption(AES256) on below attributes: (LVL_CODE_ACTL + SUCCESS_FLAG + ERROR_ID + ENC_KEY)

### Non-encrypted XML response sample

```

<BBPGetBillerLocationResponse>
<SubHeader>
  <requestUUID>1</requestUUID>
  <serviceRequestId>2</serviceRequestId>
  <serviceRequestVersion>3</serviceRequestVersion>
  <channelId>FC</channelId>
</SubHeader>

  <BBPGetBillerLocationResponseBody>
    <!-- Zero to more repetition -->
    <GetBillerRegDetailsResponseArray>

      <locationId>NAT</locationId>
      <locationCodeDesc>National</locationCodeDesc>

    </GetBillerRegDetailsResponseArray>
    <BillerStatus>
      <successFlag>1</successFlag>
    </BillerStatus>
    <BillerResponse>
      <errorId>ERR999</errorId>
      <errorDesc>Success</errorDesc>

  </BBPGetBillerLocationResponseBody>

</BBPGetBillerLocationResponse>

<checksum>0b53f5fa454e44bece08395b13164a1f2c4f0ece22e4531c2575e22b485abcc8</checksum>

```

```
<encryptedToken>9CiVIXX8uNcqVnUDEdtlAIFMWNa1qTd91n7UglZzbOI=</encryptedToken>
  </BillerResponse>
</BBPGetBillerLocationResponseBody>
</BBPGetBillerLocationResponse>
```

### Non-encrypted JSON response sample

```
{
  "BBPGetBillerLocationResponse": {
    "SubHeader": {
      "requestUUID": "1",
      "serviceRequestId": "2",
      "serviceRequestVersion": "3",
      "channelId": "FC"
    },
    "BBPGetBillerLocationResponseBody": {
      "GetBillerRegDetailsResponse": {
        "locationId": "NAT",
        "locationCodeDesc": "National"
      },
      "BillerStatus": {
        "successFlag": "1"
      },
      "BillerResponse": {
        "errorId": "ERR999",
        "errorDesc": "Success",
        "checksum":
"0b53f5fa454e44bece08395b13164a1f2c4f0ece22e4531c2575e22b485abcc8",
        "encryptedToken": "9CiVIXX8uNcqVnUDEdtlAIFMWNa1qTd91n7UglZzbOI="
      }
    }
  }
}
```

### Encrypted response body fields

Field	Repeating	Mandatory for business processing	Description
BBPGetBillerLocationResponse		Y	

BBPGetBillerLocationResponseBodyEncrypted		Y	Encrypted Response Payload Data
---	--	---	---------------------------------

### Encrypted response XML sample

```
<BBPGetBillerLocationResponse>
```

```
  <SubHeader>
```

```
    <requestUUID>1</requestUUID>
```

```
    <serviceRequestId>2</serviceRequestId>
```

```
    <serviceRequestVersion>3</serviceRequestVersion>
```

```
    <channelId>FC</channelId>
```

```
  </SubHeader>
```

```
<BBPGetBillerLocationResponseBodyEncrypted>7ZbvXsuqFRjW9AUIXc4DOTkhlOLEXFzZzuHHHJt
CAhGkWY26F4Umj2EJuXKKHO8CygrrX/
oD9bJr7wn2uKQEU142C8LxOFTHvm9OadsY1kfYFj7RocZ7qN7nmKTTLXnXm4egBcGCwpKf4DfPo
HM+TTKIAlpKgNe5py4eEISa8JbVp+QJFXub22fXydu6AkPQDpNHxsTgd7vm9qnYlyhPOtXQEYOixW
s+rSUC/U+f/0IS7loXWRlchlqDnpN9m9BFASDB0LKNBH0SrHdr8XKM9HIAmaP5dMa/
vkD59UqG+xYEbJuZbrldfE3Gng1Yma/iedol3ukDCNBMmsB1dF0gLR8Kqic20jh3p/
83o+JcvxnZ3XQmpyf/
BICzgO06T7ixkrFWfMpxjGLgQ3PiFHmqWXL2P8ISkXgl1Yh0cYrivQGx57tCsfIYnGbrW+sftbIz9zFc
Gyy1ZwQ0NnuKsrf8FQMJTdloa7H3HlxpGI4VhKbQNV11pQSxQzgFgnz845qEnquR2T82hWKoruec
TzLvu+liYeRATS39ie1fZVp0ddUnedSGF/
2NR8t1qCqKkGLbSW3UlKJwFw6QqsbXc9A+LIH3ioh+GfNfFFQZL03d3CYP/
7CDo83SN7V6iXdazdLXmSkyxTM7DL/
5vd5XzkZdRLAgRUPAuI5WxvRBi0+U2uuZo63+vWD29mnj0YzH11eHn0Xi226eZ9jbxllpHBL2g==</
BBPGetBillerLocationResponseBodyEncrypted>
</BBPGetBillerLocationResponse>
```

### Encrypted response JSON sample

```
{
  "BBPGetBillerLocationResponse": {
    "SubHeader": {
      "requestUUID": "1",
      "serviceRequestId": "2",
      "serviceRequestVersion": "3",
      "channelId": "FC"
    },
    "BBPGetBillerLocationResponseBodyEncrypted":
    "rkduRUISTruGUPAd8bWUlvz8Ezj67pflwvIrc1wS4+ngFibdmll6l3XyyA7RcmoWcxNx0cwI81t8p4pr
GTtzojS4Ib+yhSELNeDC6SVP5IUxUOFDg4dcp5GcZIT6xCQH+8oMvHQcsXOBho2N888uDbt8Y4a7j
```

```

uyQI0p0gBNbrHFodo33RLzPZdEBD3rhkqHBbfQPFmJjU+9WISwKEWbsK+mQv4XcmuYZAoEj+rrU
1ReBvdh+nsJhDju6BS9Xb1NM8S4dujhzMkNXTTxnx23pC/OCqCVVWUoKOq18K/
FcgxTuEtilxO5Hggd5iVqw0+PWfvEJSIwfvUMh3vMy7KQGtnEQIVSFBuvHio20pnxmJtLpsV4/
wDWZrliPmnaBhxLlhYk5fKSLeJIhcQ4aPAsbTo+FxsMPFE/xj0Zp/EKZzze3ATx/
gEE32ADPXODOTWZP"
    }
}

```

### Error Codes and Description

Error_Code	Error_Desc
ERR000	No data Found
ERR100	Biller Category is not Specified
ERR101	CIF ID is not Specified
ERR103	Master type is not Specified
ERR105	CHNL ID is not Specified!
ERR120	Checksum Invalid
ERR121	Encryption Token Invalid
ERR123	Checksum is not Specified!
ERR124	Encryption is not Specified!
ERR126	Encrypted Token and CHECKSUM are invalid
ERR154	Biller Code is not specified
ERR999	Success
ERR186	WebApplication Authantication failed
ERR187	Username and password required for basic authentication
ERR189	XSD Schema Validation Failure!

#### 4. GetRegistrationForm

##### URL

<https://sakshamuat.axisbank.co.in/gateway/api/v2/bbp/getregistrationform>

##### Non-encrypted Request body fields

API Connect fields	Type	Repeating	Mandatory for business processing	Descri
BBPGetRegistrationFormRequest	complex		Y	
BBPGetRegistrationFormRequestBody	complex		Y	
billCategory	integer		Y	Biller Category
corpId	string		Y	Corporate Identification ID
corpCode	string		Y	Biller Code
masterType	integer		Y	Master Type
locationId	string		Y	
channelId	string		Y	Channel Id
checksum	string		Y	Checksum(SH A256) generation and validation on below attributes: (billCategory + corpCode + locationId + masterType + channelId + CHKSUM_KEY)
encToken	string		Y	Encryption/Decryption(AE S256) on below attributes: (billCategory +



				corpCode + locationId + masterType + channelId + ENC_KEY)
--	--	--	--	---

NOTE: channelId,CHKSUM\_KEY and ENC\_KEY will provided through mail

### Non-encrypted XML request sample

```
<BBPGetRegistrationFormRequest>
  <SubHeader>
    <requestUUID>?</requestUUID>
    <serviceRequestId>?</serviceRequestId>
    <serviceRequestVersion>?</serviceRequestVersion>
    <channelId>FC</channelId>
  </SubHeader>
  <BBPGetRegistrationFormRequestBody>
    <billCategory>17</billCategory>
    <corpId>BBPS</corpId>
    <corpCode>OTME00005XXZ43</corpCode>
    <masterType>5</masterType>
    <locationId>NAT</locationId>
    <channelId>620</channelId>
    <checksum>387b163243f73da1cf324e0f33b810e0c4159fc52136555e57f4cf1b7a9b9af5</
checksum>

  <encToken>XAYembe/bYL1+cNgwUmvymWBtuCZQQ0m95mMCtFpzEd8rsQon1kdgFRybnTF8Uff
  </encToken>
  </BBPGetRegistrationFormRequestBody>
</BBPGetRegistrationFormRequest>
```

### Non-encrypted JSON request sample

```
{
  "BBPGetRegistrationFormRequest": {
    "SubHeader": {
      "requestUUID": "?",
      "serviceRequestId": "?",
      "serviceRequestVersion": "?",
      "channelId": "FC"
    }
  },
}
```

```

    "BBPGetRegistrationFormRequestBody": {
      "billCategory": "17",
      "corpId": "BBPS",
      "corpCode": "OTME00005XXZ43",
      "masterType": "5",
      "locationId": "NAT",
      "channelId": "620",
      "checksum":
"387b163243f73da1cf324e0f33b810e0c4159fc52136555e57f4cf1b7a9b9af5",
      "encToken":
"XAYembe/bYL1+cNgwUmvvyMWBtuCZQQ0m95mMCtFpzEd8rsQon1kgdFRybnTF8Uff"
    }
  }
}

```

### Encrypted request body fields

Field	Repeating	Mandatory for business processing	Description
BBPGetRegistrationFormRequest		M	
BBPGetRegistrationFormRequestBodyEncrypted		M	Encrypted Request Payload Data

### Encrypted XML request sample

```

<BBPGetRegistrationFormRequest>
  <SubHeader>
    <requestUUID>?</requestUUID>
    <serviceRequestId>?</serviceRequestId>
    <serviceRequestVersion>?</serviceRequestVersion>
    <channelId>FC</channelId>
  </SubHeader>
  <BBPGetRegistrationFormRequestBodyEncrypted>3O85Ck9LfjcoxngsOkLiqUXH2g0Fzd/
iMsl7Gcv85f+FLAxKpkwbMe2qqj4bMUK/
wttdx2kX+RCXkn4A33oNWKSThodDqyTXKJRleHRiC8frAHY2tLEPkIPWzJIVqGO75afSY1SSD6TI8Q2
Qxor8W3iTefRSFOMAGTm0Ymm7Vm9gDUkKUg7HqVJlyP/
uN5ZfvP9HF7I4oOPAATALkFgb2rvWNqQhQTzv+Sxf2Ik7CxhdoXaUmja4tsbTxTHUo2qNsruvgMRfB
wsEn+FOI+TUvv9aRKdoN2+fatZZ5hg4VIN3BvK5QlssJdZWU8Mr7Rn2H4enzOFkxY9TrdTPubpinjPj
/YDUqbghnf1JJBQVS4tyr52jiEbgOSioidh+mjoWCZRkPb1UyRp14/fboC3HoJLRFaWe/

```

```
8IEfQeJwpullbl+EgfKDAcQjq1mk+MUIzeHmVXBYUwmyYsE9qGoGKKjHKhD6vVxiQyfQ+U//
R9DL1eLTtw6awLD2H0X7Imp4r7CwTwqC2y4wMYm+oJXEksYI83xFYlev/
WledW4XaTz3QYiYjZGvjXnvB4ZGw5485O+9Uiotk5ou9VmzdKY6ZqimtS4AAbEm65mix9d4PUYf7
Dai6bjFI1jYt68OhpR0Mn4VCs121JeDSXc0bXfxn0AT6rFBdbGsxp+QedwLUZCA=</
BBPGetRegistrationFormRequestBodyEncrypted>
</BBPGetRegistrationFormRequest>
```

**Encrypted JSON request sample**

```
{
  "BBPGetRegistrationFormRequest": {
    "SubHeader": {
      "requestUUID": "?",
      "serviceRequestId": "?",
      "serviceRequestVersion": "?",
      "channelId": "FC"
    },
    "BBPGetRegistrationFormRequestBodyEncrypted":
    "2Ew2xI5gweKqkZe6wpaYMJETB9TpAoWO89Ba1fpzQcxVgKCK6FTZnmp8XXF0dt/swnoPOkJCWn
VqN65VFTMu+H6e4+mtEnFbzkBw1yBvrtfSaC6BnpptxJe+n4OEyuf8cbvityNJYe58Ku7vdAhWmiOR
oqH7yjl+NoCa0JJINONoM79Mhg/4OPNjdYhNqX9bcU0mf0Dpn2htUA/
MFKPeb5Bl44mTUkliV69cgwIbvfnLsI1CQP7DsddyhRfRyoTa5hsgsV/c+pjUu2L1r9Is9m8T0Mp/
j00g4M8fejDJP1BVLKPOs3oviffXZPFtRA1lcTNcasKesTLFZnfh/XXi3Apj1dhvHY1J/
1oZXmwBak+BL1e1k1XUBW3quSUMO/OFjO5XNE7XuCfsYsCcj5n8A=="
  }
}
```

**Non-encrypted Response body fields**

API Connect fields	Type	Repeating	Mandatory for business processing	Description
BBPGetRegistrationForm Response	complex		Y	
BBPGetRegistrationForm ResponseBody	complex		Y	
GetBillerRegDetailsResponseArray	complex		Y	
MO_OUT2616_BILLER_REG	complex		Y	

corpCode	string		Y	Biller Code (To be passed from channels)
masterType	integer		Y	To be passed by channel Expected value 4-EBPP 5-BBPS
fieldDesc	string		Y	Field Description To be passed by EPH to channel , fetch from Master Data
fieldIdentify	integer		Y	Field Identifier Level code corresponding to Field description passed by EPH to channels. Expected value; Level1 -8 Level2-9 Level12-19
fieldFormat	integer		Y	Field Format Specifies Numeric/Alphanumeric Expected value: 1-Alphanumeric 2-Numeric 3-Alpha
isMand	integer		Y	Specifies Is Mandatory Expected value 1-No 2-Yes
isConstant	integer		Y	Specifies Is constant Expected value 1-Yes 2-No
varType	integer			Specifies Fixed/Variable Expected value 1-Fixed 2-Variable
length	integer		Y	Maximum Length of field Integer value for length
minLength	integer			Minimum Length of field
maxLength	integer			Maximum Length of field

regex				RegEx validation for Customer parameter
regexDefaultVal				Default value for RegEx
autoPayFlag	integer			1 for Debtor A/c & Limit for auto pay Mandatory and 0 means no need to provide this details Expected value 1-Yes 2-No Default-2
MO_OUT2616_CUST_PARAM_GRP	Complex			
GRP_NAME	String			Customer Parameter Group name
GRP_INP	<u>Integer</u>			Number of inputs required for this group
CUST_PARAM1	String			1st Customer parameter for the specified group
CUST_PARAM2	String			2th Customer parameter for the specified group
CUST_PARAM3	String			3th Customer parameter for the specified group
CUST_PARAM4	String			4th Customer parameter for the specified group
CUST_PARAM5	String			5th Customer parameter for the specified group
BillerStatus	complex		Y	
successFlag	integer		Y	1 if successful and 2 if unsuccessful
msfRef	string			
BillerResponse	complex		Y	
errorId	string		Y	Error Id
errorDesc	string		Y	Error Description

checksum	string		Y	Checksum(SHA256) generation and validation on below attributes: (billCategory + corpCode + locationId + masterType + channelId + CHKSUM_KEY)
encToken	string		Y	Encryption/Decryption(AES256) on below attributes: (billCategory + corpCode + locationId + masterType + channelId + ENC_KEY)

### Non-encrypted XML response sample

```

<BBPGetRegistrationFormResponse>
  <SubHeader>
    <requestUUID>?</requestUUID>
    <serviceRequestId>?</serviceRequestId>
    <serviceRequestVersion>?</serviceRequestVersion>
    <channelId>FC</channelId>
  </SubHeader>
  <BBPGetRegistrationFormResponseBody>
    <GetBillerRegDetailsResponseArray>
      <corpCode>OTME00005XXZ43</corpCode>
      <fieldDesc>a b</fieldDesc>
      <fieldIdentify>8</fieldIdentify>
      <fieldFormat>2</fieldFormat>
      <isMand>2</isMand>
      <isConstant>2</isConstant>
      <varType>2</varType>
      <length>1</length>
    </GetBillerRegDetailsResponseArray>
    <GetBillerRegDetailsResponseArray>
      <corpCode>OTME00005XXZ43</corpCode>
      <fieldDesc>a b c</fieldDesc>
      <fieldIdentify>10</fieldIdentify>
      <fieldFormat>2</fieldFormat>
      <isMand>2</isMand>
      <isConstant>2</isConstant>
      <length>1</length>
    </GetBillerRegDetailsResponseArray>
  </BBPGetRegistrationFormResponseBody>
</BBPGetRegistrationFormResponse>

```

```
<GetBillerRegDetailsResponseArray>
  <corpCode>OTME00005XXZ43</corpCode>
  <fieldDesc>a</fieldDesc>
  <fieldIdentify>11</fieldIdentify>
  <fieldFormat>2</fieldFormat>
  <isMand>2</isMand>
  <isConstant>2</isConstant>
  <length>1</length>
</GetBillerRegDetailsResponseArray>
<GetBillerRegDetailsResponseArray>
  <corpCode>OTME00005XXZ43</corpCode>
  <fieldDesc>a b c d</fieldDesc>
  <fieldIdentify>12</fieldIdentify>
  <fieldFormat>2</fieldFormat>
  <isMand>2</isMand>
  <isConstant>2</isConstant>
  <length>1</length>
</GetBillerRegDetailsResponseArray>
<GetBillerRegDetailsResponseArray>
  <corpCode>OTME00005XXZ43</corpCode>
  <fieldDesc>a b c d e</fieldDesc>
  <fieldIdentify>13</fieldIdentify>
  <fieldFormat>2</fieldFormat>
  <isMand>2</isMand>
  <isConstant>2</isConstant>
  <length>1</length>
</GetBillerRegDetailsResponseArray>
<BillerStatus>
  <successFlag>1</successFlag>
</BillerStatus>
<BillerResponse>
  <errorId>ERR999</errorId>
  <errorDesc>Success</errorDesc>

<checksum>8a422f59308b5bc8446383717ac7bb8e193a1b5a1e4280055482107e09f5a10a</
checksum>
  <encryptedToken>p0AZX4EmJRvs06/b7LnDhayvKT/v+MMo4Ti5V8q4Rt147tCjZjxbGAH4Q/
pgCLXM</encryptedToken>
</BillerResponse>
</BBPGetRegistrationFormResponseBody>
</BBPGetRegistrationFormResponse>
```

### Non-encrypted JSON response sample

```
{
  "BBPGetRegistrationFormResponse": {
    "SubHeader": {
      "requestUUID": "?",
      "serviceRequestId": "?",
      "serviceRequestVersion": "?",
      "channelId": "FC"
    },
    "BBPGetRegistrationFormResponseBody": {
      "GetBillerRegDetailsResponseArray": [
        {
          "corpCode": "OTME00005XXZ43",
          "fieldDesc": "a b",
          "fieldIdentify": "8",
          "fieldFormat": "2",
          "isMand": "2",
          "isConstant": "2",
          "varType": "2",
          "length": "1"
        },
        {
          "corpCode": "OTME00005XXZ43",
          "fieldDesc": "a b c",
          "fieldIdentify": "10",
          "fieldFormat": "2",
          "isMand": "2",
          "isConstant": "2",
          "length": "1"
        },
        {
          "corpCode": "OTME00005XXZ43",
          "fieldDesc": "a",
          "fieldIdentify": "11",
          "fieldFormat": "2",
          "isMand": "2",
          "isConstant": "2",
          "length": "1"
        },
        {
          "corpCode": "OTME00005XXZ43",
          "fieldDesc": "a b c d",
          "fieldIdentify": "12",
          "fieldFormat": "2",
          "isMand": "2",

```



```

        "isConstant": "2",
        "length": "1"
    },
    {
        "corpCode": "OTME00005XXZ43",
        "fieldDesc": "a b c d e",
        "fieldIdentify": "13",
        "fieldFormat": "2",
        "isMand": "2",
        "isConstant": "2",
        "length": "1"
    }
],
"BillerStatus": {
    "successFlag": "1"
},
"BillerResponse": {
    "errorId": "ERR999",
    "errorDesc": "Success",
    "checksum":
"8a422f59308b5bc8446383717ac7bb8e193a1b5a1e4280055482107e09f5a10a",
    "encryptedToken":
"p0AZX4EmJRvs06/b7LnDhayvKT/v+MMo4Ti5V8q4Rt147tCjZjxbGAH4Q/pgCLXM"
}
}
}
}
}

```

**Encrypted response body fields**

Field	Length	M/O	Description
BBPGetRegistrationFormResponse		M	
BBPGetRegistrationFormResponseBodyEncrypted		M	Encrypted Response Payload Data

**Encrypted response XML sample**

```

<BBPGetRegistrationFormResponse>
  <SubHeader>
    <requestUUID>?</requestUUID>
    <serviceRequestId>?</serviceRequestId>
    <serviceRequestVersion>?</serviceRequestVersion>
  
```

<channelId>FC</channelId>  
</SubHeader>

<BBPGetRegistrationFormResponseBodyEncrypted>Qz45s4tJj2vF1Y8+s2vJWi9mR8HfvKf4CpC1d  
vzkXXTRBW08vhX59sP4i2pRzMw+fUNy0Pn1CsGfACS0h3EfbxTrNSfgJPB98EIWdb2BHsVn9O+A8iy  
NEFJcdTHvx54YYRB5Ta3UQQh4j+6k+EfNiRenopUfFvJPz+rVxpZp/t9Ox/  
C97fK1CVO4WkFHvz57MsGiAKX1gnqOFXEnCDq9Etw+z8AjsKlk4UJnOK7Hji8dxyq2bPs2viEf0vSN  
b/7erFj96yxMe2qs/5PrB4oe/oglfNL7IXKR/  
U88lrWK4R5jZb7zwhd2TLN0BxSlksEmRvSuou2iiP2AsqrNlt7UPmk05aoQnJ6jpK5MYNJ3gQq8suJ  
AO93/  
lczEpI2h3ZHkHred6cziiTXJz06H4NxA3Qr5Tj+gPPCQsV2YcVE2d+1vB7lgBlKb5gLMBjZCDD9DCq8R  
0P2DRO/2RNjzLPNzDYMmPMsfwLk6/b2y9u//qKYwmmry/  
lvYuPNib0yAnsxwpHUwhzm3O6RU9Ds2qa+V9eCEwtITqxVIUxnGqn5Ke6kCocLoLTprnYieqm5gt4  
Bgaj2qkzB8Le4uNCh4ZFpmy+JA/  
4YX0MSrei9DNOQRstBNft+Nz2yVYcPz439wq45KSQ7+rWy6qdEN2HYaAHhU00ZbiJhOIRIUj2uZQZ  
pqqJmD1Ty7JLUniSjbVVjsABpvrWrUIbGTZ+ogKX9RQN0jqk1KRzW1SU6jjHFtnAeLZISTOY2wGQxE  
06ea4gMvyc5lbNLolMRgwrds/  
Dj7jxjutOMZGmjEq+hX+X7defmhpixVstOdof6sI9wDxmQCFwdX1WI9wkHwvXwdr8a8HbnH270JD  
7EHA21ma+KgW/  
n64gn6s8rxw3L7ElZwFOIzFELca9SxIVeBpWzttJT2y8MaBQQ3dqfv7XVwOrr1Qcv5M7EJ2wMjTZhP  
E9MLj21BrgQX3vEORJPMRdn9GkRxAqo0endU/  
mW0rCHIYkCszABEtaQznomZ7zJLE1P9K8F+4FH8rT48a6L9KH3i3oBKE1g/  
6i2W+hWRVLSwKBQMff7MH4duRPOvBtxcj6I5L+2ps41Cx9vNKpHJzF6eQZgsWefrG2TYeQ8q9ot  
DjDOpGelkB5WQDTbT7vtKczdPg0pULnWzO12eDIqx0LzpUavQwvbm3EIIUNLIXrwwKFMsbHtMvz  
x+/4IomWS3oAjOBZMNaZtbLZNSorcTp4oo1hoKBVSBw/  
Kxw1/559QJ5Dov0JIrsR2sdaMiCAajaBeXtwz6vGUKufG/  
lGfyyVpmsR5sdH0IE0+g2ISrPbBswmspJZ7CRxm5fYljiHuYY789554+15V8zlkv9cZml1yubfJN4OgP  
apObEjlfvSTaXaqnjOY7pYz03n8U6MOoldZh/  
FQ+sGC0QzGdWBGgwdOO+r29OdwoR6FERffJx9tUharwTSR4T7fLLEw57hiJvDU25B31cqEoGd8z  
Kzi8RN1//TNzuZb0SiCjDTRZjt5HJU6x17z0h+7oXLD8D27hxdZ+ultvq7e/owKEalE9iOu5s/  
kl5PIifopg4AlCAh7IKxAwsjsilKcQZQ8L8hy+yQFjndR+OOdLtGuqgSmxCgkEylp3khRZH/bAT6w+/  
5QZEXwUoQe2cDYDXy/  
StvB5T7CQz+SSAW07UcVckYo1Zwe+IA1+JzMR5VIRBfnDYoJBhWuW5m4p4LMM7SyluXMvrxiWG  
gPSZDU0EO1K13orthRrNkiNpf+CHzk+ANckx5uUJLKS0/ggnKyLdH+QmYdQr0i5V/4/  
TdAGqUZO2RFoB7B0wGnxBSv4g5f8ZU91XaSMbCJEEeO5mCOkrRFsvd3IMeqh09RgwmqmjHRtrn  
0Swc9zxp6079xOp7nAfOzrXlglal4/aU7dnx3WPESomZUbvqP1ID75YDxYuySlqsLIOEDr/Q/  
4OFpCiyJTdmm+LpsYH2bVEEiBJBaj9RjBFa8skr08/rzjxk5/  
rTKnqNHAmBL2byAyDMM+3zAFdp0zGsl2u3XNDEglcKy6ehcMZKnkMW4sOEjtuGzZmeYRcHDVjU  
65JNS8XpzqsHa71+BVG4AOCl1iab0tUtzg1XwSSwsLT344j/O57OJw6Mylp4+2m8gqv/  
Cr1dVXY2bZc7kNj2LHNmgfcxQ3yupGsrNOF7I4WYRf6Sp1NlkPkTf6mdic7HuALSoLTHVSV9b/  
MIIMC+WgijhwwGESAr+qT5ebidiBiAnUFVBHM9xDoQel/oEzzWhJIEdPFz6jTPnivyq2OZA1bh5/  
AFdbrgYckHD2T4MqdgaR9Xqb</BBPGetRegistrationFormResponseBodyEncrypted>  
</BBPGetRegistrationFormResponse>

**Encrypted response JSON sample**

```

{
  "BBPGetRegistrationFormResponse": {
    "SubHeader": {
      "requestUUID": "?",
      "serviceRequestId": "?",
      "serviceRequestVersion": "?",
      "channelId": "FC"
    },
    "BBPGetRegistrationFormResponseBodyEncrypted":
"vkQt7+G/nOT+YyNoa1b9Yv2deuW2zA60F2JvH2YBGsP8YF8+O39e20bstaZutDgDrEdSgcXcnrs/
HBL0I7M2pXeA6IbMLaS/wBLvQ6cnf/ZIECoOr1e3gdSyJrQQh/
RhJkG365xtwSLcHBD6coDFqyRXsalzro26xqs09IJzZIEkhlUbx6sd1OkRTyeld/
UUUV91QPND0Y94WMilzrX81rKd46MJlATfNz3sKxRq/
atH0AmlrZj4PqVgu3bX6kDB3rxgYHb0v2ui3Z9ZrA13xo72NOIX9t2oz6YSEaU80UCsTTXJgcgqE7edf
UQkWew5E9CoffTdMhNcsLVz/jozDJVy56densD5dfh+buxJmnUzIYavntijM2Pnvo3lmt8Jo52fV/
3HnFGs8XniFmeJ9v9q8KkNjtnewnQu1W42kcgODIkUZ0HKkSFTtMtgtmtH3iLrkRqJ91nOeOzMfM
m0NU2XHei0mifxj1/
vSdsr8udUUvk+CB6sczTX4usVO8lc6BZARX90itOkA3Ls9MHMd+jaMoqdVq81zrY6R1QCboTPhOq
RuaC7VVmTkWptqn4KyQy+HBV52e9gMwWtL98hPrztUsW/
bHgesBXs3eyy+IVqsau35b00YZQqEw56dgOccDQpF16JRLcB7GEpSjJBAl8U4Ygtm3IQPKZnRuN8g
O4x0bfH0vFIZEB7hnY7wuznrhzmifVYSy5qxX9RqHK6k8cv6nBzK8Uu2tJkASX7fxyUhtWsD1ZxYhXo
2XVBuNeQFqJ4yAlz2TbrRwdHWAvlf2MCl4kLoPhHe6qyGkLPlmOHewYHyevZzAvcs6g5X9B3I+X4N
dRnL/HydNgTw4sjX9v2bo40ebBW53vC62ixphPPHATZn4iWrbYZN/
ARwTbjCsQSHpaZRTnhL2T9Jf+gEhxWzG0iqH8e7xFDfeVxvx9Pdr0WZrKr+fDFKaWYXKUGMEjsuFE
uUoSY5SswCNLOEFWYbfpIuolfKW3LZNGkv0j8zLr5LflINTPtWWUjN4dLQ9qm7nkOPp/MhA+H1/
mHeDdZWHNdWISnDdtX5n+0Eqj2bBvrlrDjF66MDUpo3bcEf68MM9ZInbjOsTdA7NbjJJ1JyfoGu0S
00k/DYTIvvir5+5QfEclvgKD/lj3xPGc+5enzE82ZTHiUI41DxkC9arP/leXu5ikbU5Sx9X/G/
c85znKNITBEqhIV5b4J/F3ErXAbup/25UfUa2q2rTvLF/
LeechLx+xIMWHJZC5SEjFULuUsPMU9YJYShA/
QEGDRBEsHh9LPfxDM3Bkn9wiK6Gp4d91JXvPCJFSC9JdeVs="
  }
}

```

**Error Codes and Description**

Error_Code	Error_Desc
ERR000	No data Found
ERR100	Biller Category is not Specified
ERR101	CIF ID is not Specified

ERR102	Location is not Specified
ERR103	Master type is not Specified
ERR105	Channel Id is not Specified!
ERR120	Checksum Invalid
ERR121	Encryption Token Invalid
ERR123	Checksum is not Specified!
ERR124	Encryption is not Specified!
ERR126	Encrypted Token and CHECKSUM are invalid
ERR154	Biller Code is not specified
ERR155	CIF ID, Corp code combination not found
ERR999	Success
ERR186	WebApplication Authantication failed
ERR187	Username and password required for basic authentication
ERR189	XSD Schema Validation Failure!

## 5. Biller

### URL

<https://sakshamuat.axisbank.co.in/gateway/api/v2/bbp/biller>

### Non-encrypted Request body fields

API Connect fields	Type	Repeating	Mandatory for business processing	Description
BBPBillerRequest	complex			
BBPBillerRequestBody	complex			
billerCode	string		Y	Biller Code
autoPayFlag	integer			Auto pay flag Expected value: 1-Yes 2-No Default-2
autoPayLimit	decimal			Auto pay limit If Auto pay flag is 1 ,this field is mandatory
acctType	integer			Debit account type
acctNum	string			Debit account number
regPrps	integer			Registration purpose
regDt	string			Date of Registration
deregDt	string			De-Registration date
level1	string			Level1 code value
level2	string			Level2 code value
level3	string			Level3 code value
level4	string			Level4 code value
level5	string			Level5 code value
level6	string			Level6 code value
level7	string			Level7 code value
level8	string			Level8 code value

level9	string			Level9 code value
level10	string			Level10 code value
level11	string			Level11 code value
level12	string			Level12 code value
mobNum	string		Y	Any one of three field mandatory 1. Mobile number of Payee 2. Customer CIF 3. Email of payee
custCif	string		Y	
emailAddr	string		Y	
emailAlrt	integer			Email Alert Flag
smsAlrt	integer			SMS Alert Flag
cif	string			CIF
clientCode	string		Y	Client code of payee
chnlId	string		Y	Initiating Channel
regTime	integer			Registration time
dregTime	integer			De-Registration time
opFlag	integer		Y	Operational flag(create/modify) 1. New for fresh registration 2. Modify to modify registration 3. Deregister for cancellation 4. Refresh to fetch bill from NPCI Default 1
nickNm	string			Nick name of payee
seqId	integer			Internal sequence for EPH and to be used in case of opFlag 2
ould	string		Y	Operational unit
stat	integer			Status of registration
billerLoc	string			Biller location
dbtorNum	string			Debtor name
category	integer			Biller Category
billerName	string			Biller Name
mastrType	integer		Y	Master Type
WlkgCustFlg	integer			Walk-in customer 1 – yes 2 – No Default - 2

mobAgent	integer		Y	Mobile of agent To be passed by Channel, no data validation from EPH.Expected 10 digit format Validation at EPH for combination of tags possible for a given initiating channel else rejection
geocode	string		Y	Latitude and longitude of the device – Represented in degrees, minimum 4 digits (after decimal)
postalCode	integer		Y	Postal code of the agent
ip	string		Y	IP address of the device
initiatingChannel	string		Y	Initiating channel of the transaction
terminalId	integer		Y	Terminal ID of the device
imei	integer		Y	IMEI number of the mobile
ifsc	string		Y	IFSC of the branch from which the transaction is initiated
mac	string		Y	MAC ID of the terminal
os	string		Y	Operating system used on the device
app	string		Y	Application Name
agentId	string		Y	Agent ID is the unique number which identifies the agent
aadhar	string			Aadhaar number of the customer
pan	string			PAN of the customer
checksum	string		Y	Checksum(SHA256) generation and validation on below attributes: (billerCode + autoPayLimit + acctNum + regDt + deregDt + level1 + level2 + level3 + level4 + level5 + level6 + level7 + level8 + level9 + level10 + level11 + level12 + mobNum + emailAddr + emailAlrt + smsAlrt + custCif + clientCode + chnId + seqId + billerLoc + mobAgent + geocode + postalCode + ip + initiatingChannel + terminalId + imei + ifsc + mac + os + app +

				agentId + aadhar + pan + CHKSUM_KEY)
encryptedToken	string		Y	Encryption/Decryption(AES256) on below attributes: (billerCode + autoPayLimit + acctNum + regDt + deregDt + level1 + level2 + level3 + level4 + level5 + level6 + level7 + level8 + level9 + level10 + level11 + level12 + mobNum + emailAddr + emailAlrt + smsAlrt + custCif + clientCode + chnId + seqId + billerLoc + mobAgent + geocode + postalCode + ip + initiatingChannel + terminalId + imei + ifsc + mac + os + app + agentId + aadhar + pan + ENC_KEY)
authFlag	Integer			Authorization required Flag
autoBillFetch	string			Auto bill fetch flag (Consent of customer) Expected Values 1- yes other - no Default Value - 1
expiryDate	string			Expiry date(YYDD) for Bill Payment using Credit card

Note: CHKSUM\_KEY and ENC\_KEY will provided through mail

### Non-encrypted XML request sample

```
<BBPBillerRequest>
  <SubHeader>
    <requestUUID>123</requestUUID>
    <serviceRequestId>AE.ATM.IRIS.SDBSP.001</serviceRequestId>
    <serviceRequestVersion>1.0</serviceRequestVersion>
    <channelId>FC</channelId>
  </SubHeader>
  <BBPBillerRequestBody>
    <billerCode>OTOE00005XXZ43</billerCode>
    <regDt>20170418</regDt>
  </BBPBillerRequestBody>
</BBPBillerRequest>
```



```

<level1>20</level1>
<level2>NAT</level2>
<level3>30</level3>
<level4>40</level4>
<level5>50</level5>
<mobNum>9898990081</mobNum>
<cif>BBPS</cif>
<custCif>DDD</custCif>
<clientCode>10</clientCode>
<chnlId>620</chnlId>
<seqId>123456789</seqId>
<mastrType>5</mastrType>
<ip>124.170.23.24</ip>
<initiatingChannel>INT</initiatingChannel>
<mac>01-23-45-67-89-ab</mac>
<agentId>AX01AI06512391457204</agentId>
<checksum>3908a5ee7d519403e013c4959d58060432c3f4dd81cf98c45cd3b96a04279faf</
checksum>

```

```

<encryptedToken>NdS4BV1fRjgr4jlLR6FyEj81ncjB8dyMpwmmFI4xw2M2OFe5WI5yYGdYbWVadwi
eGJhaGPHbHUYMISqKQHb/ayHRif/
xku06TrnI3jIR3KfZz2Q6lweLYYAtpVtwASyZntikKj3luiPfkStrvw4r03eXTwqYlrrrRzm4UR4Dk4liXnpo
5KznACLlyAWYha3wn</encryptedToken>
  <authFlag>2</authFlag>
  <autoBillFetch>2</autoBillFetch>
  <expiryDate></expiryDate>
</BBPBillerRequestBody>
</BBPBillerRequest>

```

### Non-encrypted JSON request sample

```

{
  "BBPBillerRequest": {
    "SubHeader": {
      "requestUUID": "123",
      "serviceRequestId": "AE.ATM.IRIS.SDBSP.001",
      "serviceRequestVersion": "1.0",
      "channelId": "FC"
    },
    "BBPBillerRequestBody": {
      "billerCode": "OTOE00005XXZ43",

```

```

"regDt": "20170418",
"level1": "20",
"level2": "NAT",
"level3": "30",
"level4": "40",
"level5": "50",
"mobNum": "9898990081",
"cif": "BBPS",
"custCif": "DDD",
"clientCode": "10",
"chnlId": "620",
"seqId": "123456789",
"mastrType": "5",
"ip": "124.170.23.24",
"initiatingChannel": "INT",
"mac": "01-23-45-67-89-ab",
"agentId": "AX01AI06512391457204",
"checksum": "3908a5ee7d519403e013c4959d58060432c3f4dd81cf98c45cd3b96a04279faf",
"encryptedToken":
"NdS4BV1fRjgr4jLR6FyEj81ncjB8dyMpwmFI4xw2M2OFe5WI5yYGdYbWVadwieGJhaGPHbHUY
MISqKQHb/ayHRif/
xku06TrnI3jIR3KfZz2Q6lweLYYAtpVtwASyZntikKj3luiPfkStrvw4r03eXTwqYlrrrRzm4UR4Dk4liXnpo
5KznACLlyAWYha3wn",
  "authFlag": "2",
  "autoBillFetch": "1",
  "expiryDate": "1"
}
}
}

```

### Encrypted request body fields

Field	Repeating	Mandatory for business processing	Description
BBPBillerRequest			
BBPBillerRequestBodyEncrypted			
-----Encrypted payload-----		M	Encrypted Request Payload Data

### Encrypted XML request sample

```

<BBPBillerRequest>
  <SubHeader>
    <requestUUID>123</requestUUID>
    <serviceRequestId>AE.ATM.IRIS.SDBSP.001</serviceRequestId>
    <serviceRequestVersion>1.0</serviceRequestVersion>
    <channelId>FC</channelId>
  </SubHeader>
  <BBPBillerRequestBodyEncrypted>4F85pK7hzvhKb3l8pmyBFtflUvWcLyGC47o/
akkwNaARL7fODNuArx49FccQ023iZwtUJbyAKokfaH3S/6K+kMgEeH/aPFWGXZSbx1/fci72w0c/
XCGrRORBuaI8QnxCxGKhu47aKAs0pAxAsprzIP1GdNZ9JYdIZrtIpL0YlgJYQAY/
WFJZ04elytsCV7zMfrClDeEfp3ov3DdU0ni8hXGGSgD/
jLrug3n3BegqgL7YzgNMPBEE1TFjm27grJqhFCzEGheg8a7+Ev1WJT03h4zW2KEDr7iPWgKG6Yn65
uuScvWIXFvFmhZOBgUtqz5ZLKPxLYkWdfEBWv3yXfrHmKllqkkUc/BQgpF+Ab/
IUQ5K+XlauLgEmHLBlIqsMer60lhZb89+mML9sxlBM1JcdDfFkP5yf3QZ/
NBOVbzxpy3aWeoVkeCsEaFqp80kvkz4BSgdo+wQz26JQzIQ78f2kZGA9egnh3vED5A3CzDc8bHZA
wPul8QGtrk/Z/
jqOq53LvbtqhdLts8N3Npt+uuvHF3cAJbX47wK3BNtNI2J6tRHov5/675/9bZP5fu5VLxRU2m7vD9u
8C6lg9IFVrFMmZwQdzPT672Dla/eOWUvLMtePMV/
ixiHspJkg+HVD3LJc0FuiirGbjSdREDRIGDiSg2mOiLEjH0l83oH60e0fr5v9OoUN6UdIH3UfbNcTnGUC
sSEKEYpM3EhOEgX2h0PCGPjNyBVnNzmEci3qfz+fwbkOqvJB8mGZDKK8+ApppoEhUaUpJCQycYT
ElNnw3iwioZ9Dc1xDpYjWAqTQDDIeJq+wQPWX7vSpXlx4SFJo913vPIHN3pS4ErdvYI3c75nINSjzPF
42TSEyM4JwaB09y1oAP3ROwkz3QYcnYDEpUfy/3mn9oaCZbZRRRb5RvShmEX16R7H4/
iKuNwn0DOj6kHzzMjWUgWXRygnC2pGVlKLYHlp6jPaaCiwkxKAbakPyyf5RO9Y4h9Zijxqbn7Vb/
LJHmKQ1XHT8ThTtTOFR+KIO0mb3UoZGwKIK2L173PGGUgrUZ/
+g23NLRGB2YsCeWj5CxNbquCiQ0tQfKn2SynMp7wWsQLzJa0q47j4oYzNym8n+
+OwzzYQoia4d6qHtl4JNY+kK73A7+cx4lJc6z/MDuFTLV/gAsGQ/AwOziAO3UYmJ3c3Y/
EwfiM226rRH8eukIFfdclKp6yAV09AWGA9QaWjmi/
HuhEG+MQQ7hFvMshJoRzB4O8dFH5EkL5mvmcdupSio8pRS0XA1oGVxk50DY4nUy3G4e/
PqIKAMzh5pbC+DDE+Aotugg/CFUMB+gcqr4fZ+k+RpmzrlaHZg</
BBPBillerRequestBodyEncrypted>
</BBPBillerRequest>

```

### Encrypted JSON request sample

```

{
  "BBPBillerRequest": {
    "SubHeader": {
      "requestUUID": "123",
      "serviceRequestId": "AE.ATM.IRIS.SDBSP.001",
      "serviceRequestVersion": "1.0",
      "channelId": "FC"
    }
  },

```

```

"BBPBillerRequestBodyEncrypted":
"exCDjvxvz0c0whVmypolM57YYiFKHBdfq9wO38PezS5DGNuA5DDc0z5Cj9ywlzpz0H5PL9AEA+dVP
k2mMPGoysZE/r4/yvEwffBwAiEg9d5wehHQtrL7cMXzkDPI1dMxBwpOyjJ7aMwxcQNpnfPnzo/
VI57SYBpJJKBt/vB6l3YqBLiPVvrpyY+
+220b4GoYkew75RmXcUwn4LxLJR6dhj71VQYpsijZN6gWAZ4blQmSh/IQdXZXYbIChPdm/
tpNwgWcE5YqR/TEHUjhHN0qlWsqzv2wtP7K8e/
kbOo0oEcHUFWjwOGKpd5sbLBOP7UWjfsm6im2ty7s4zB79MF89CaCAgWq/
UR7HQSigdtx5jToRb6wMptjtNGUkGdtXRRW9JnfBzIOVi7yctto0QvmK/
PlcsU4ckLzJw3LxKkBk5FsG0Sz57U79BtH1VIDvOtxNpodA4TYVEP8ZgOenTiSckRmBEJSUOo4P+jE
GdXSTtGob35bxyfAJfhwgOezn67XA53pm0FIO8Ck+XhDC0cJTC20Ffp1327meNprw/
f1XRmPquEd3ruqv3POZWUQSnEy6MIAV4mFC2UIOD3S4OpmvXP5bylvIPUUceeYpm76KI272Wx
bmiYZ7haEQfKfr264NkOj4khH8jaaBZ83MuNNityRxuAp8+EbK7WK8BHuls3SA5rF24OhQtl+pOxbE
lfVu1eVxZMG0nwk+Vtp7sb8OMNxDtVxEcqFktEhgNoF89NF8dzRirhWf8NUwOobtNd4yovnS7UZ
2mF17H2J6IzmH+9VuXjiZwm90rkGFckjb2r+4EVNCFjnbv4blvWhG0WtmNgfkyd2ONUG3tz4HZ2
lwrKMIVZU2EFLJQhd8kCJsYdY6KdPgaK5o/X2Vxwb"
}
}

```

### Non-encrypted Response body fields

API Connect fields	Type	Repeating	Mandatory for business processing	Description
BBPBillerResponse	complex		Y	
BillerRegResponseBody	complex		Y	
autoPayFlag	integer			Auto Pay Flag
autoPayLimit	decimal			Auto pay limit
regPrps	integer			Registration purpose
acctNum	string			Account number
billerName	string			Biller Name
regDt	string			Registration date
deregDt	string			De-Registration date
eventStatus	integer			Event status
level1	string			Level1 code value
level2	string			Level2 code value
level3	string			Level3 code value
level4	string			Level4 code value

level5	string			Level5 code value
level6	string			Level6 code value
level7	string			Level7 code value
level8	string			Level8 code value
level9	string			Level9 code value
level10	string			Level10 code value
level11	string			Level11 code value
level12	string			Level12 code value
emailAddr	string			Email of payee
mobNum	string			Mobile number of Payee
emailAlrt	integer			Email alert flag
smsAlrt	integer			SMS alert flag
cif	string			CIF
custCif	string			Customer CIF
clientCode	string			Client code for payee
regTime	integer			Registration time
dregTime	integer			De-Registration time
seqId	integer			Internal seq for EPH
nickNm	string			Nick name of payee
chnId	integer			Initiating Channel
opFlag	integer			Operational flag(create/modify)
ould	string			Operational unit
billerLoc	string			Biller Location
category	string			Biller Category
locCode	string			Location Code for Biller
fieldIdntfr	integer			Field identifier
fieldDesc	string			Field Description
len	integer			Length of field
fldFormat	integer			Specifies Numeric/Alphanumeric
optMad	integer			Specifies Is Mandatory
isConstnt	integer			Specifies Is constant

BillerStatus	complex		Y	
successFlag	integer		Y	1 if successful and 2 if unsuccessful
BillerResponse	complex		Y	
errorId	string		Y	Error Id
errorDesc	string		Y	Error Description
extRefNum	string			EPH generated unique reference
sourceRefNum	string		Y	Unique Number sent by Channel to EPH
checksum	string		Y	Checksum(SHA256) generation and validation on below attributes: (SEQ_ID+EXT_REF_NUM+SUCCESS_FLAG+ERROR_ID+CHKSUM_KEY)
encryptedToken	string		Y	Encryption/Decryption(AES256) on below attributes: (SEQ_ID+EXT_REF_NUM+SUCCESS_FLAG+ERROR_ID+ENC_KEY)

### Non-encrypted XML response sample

```

<BBPBillerResponse>
  <SubHeader>
    <requestUUID>123</requestUUID>
    <serviceRequestId>AE.ATM.IRIS.SDBSP.001</serviceRequestId>
    <serviceRequestVersion>1.0</serviceRequestVersion>
    <channelId>FC</channelId>
  </SubHeader>
  <BBPBillerResponseBody>
    <BillerRegResponse/>
    <BillerResponse>
      <errorId>ERR999</errorId>
      <errorDesc>Reference Id is :AX0114022019OFME00007UPA63004142285. Kindly Check
      Bill After 30 sec</errorDesc>
    < extRefNum>AX0114022019OFME00007UPA63004142285</ extRefNum>
    < sourceRefNum></ sourceRefNum>
  </BBPBillerResponseBody>
</BBPBillerResponse>

```

```

<checksum>96a3c990f5e3ef14b2692b7d0858c6f5a4a919d983330d07c7ecb24df1c7a691</
checksum>
<encryptedToken>FM5P0t2DLDNFdPOGiOjxgQtYH4naLOClfGCqRZfu+Oojyu8fQKiRgkjwcpQliKZo
6md9TCUF/HiTEt1uVdSp1Q==</encryptedToken>
  </BillerResponse>
  <BillerStatus>
    <successFlag>1</successFlag>
  </BillerStatus>
</BBPBillerResponseBody>
</BBPBillerResponse>

```

### Non-encrypted JSON response sample

```

{
  "BBPBillerResponse": {
    "SubHeader": {
      "requestUUID": "123",
      "serviceRequestId": "AE.ATM.IRIS.SDBSP.001",
      "serviceRequestVersion": "1.0",
      "channelId": "FC"
    },
    "BBPBillerResponseBody": {
      "BillerRegResponse": "",
      "BillerResponse": {
        "errorId": "ERR999",
        "errorDesc": "Reference Id is :AX0114022019OFME00007UPA63004142285. Kindly
Check Bill After 30 sec",
        "extRefNum": "AX0114022019OFME00007UPA63004142285",
        "sourceRefNum": "",
        "checksum":
"96a3c990f5e3ef14b2692b7d0858c6f5a4a919d983330d07c7ecb24df1c7a691",
        "encryptedToken":
"FM5P0t2DLDNFdPOGiOjxgQtYH4naLOClfGCqRZfu+Oojyu8fQKiRgkjwcpQliKZo6md9TCUF/
HiTEt1uVdSp1Q=="
      },
      "BillerStatus": {
        "successFlag": "1"
      }
    }
  }
}

```

### Encrypted response body fields

Field	Length	M/O	Description
BBPBillerResponse			
BBPBillerResponseBodyEncrypted			
-----Encrypted Response-----		M	Encrypted Response Payload Data

### Encrypted response XML sample

```
<BBPBillerResponse>
  <SubHeader>
    <requestUUID>123</requestUUID>
    <serviceRequestId>AE.ATM.IRIS.SDBSP.001</serviceRequestId>
    <serviceRequestVersion>1.0</serviceRequestVersion>
    <channelId>FC</channelId>
  </SubHeader>

  <BBPBillerResponseBodyEncrypted>6d6dZnCqG6GDyHIQpS2w3JapKB2k5c+akWJDBx9hHB59G6
  HFwThiMEvb4UBaiY620QcW1kxMkKcoat+
  +f6dcOPXvYTBakzn5q8liB57sZb1jGyfyW9bozun26FocRSxmQG7Nbr3t2wZx5Z6HMdMLI45u7DLX
  6OTOylAHF9g3ZsGrgJzjGBldWMkps3ZoZ9gWp4Slip7HplFaVemlyi+YIPfkX1BDdvvdpcHBkykel48e
  oV80IDswJBEhDKjrjyd5UXXVlrol5nABwwfnUKZfuYCrQAak5r5FmNKnGN4MGa2LrFdF+aN18B/
  Fss47kOjxxqyTVN1TW5hutiAqgMdwfao6UMYWI1IJMpDbv2GUs+OHkGHdTzr5UBOc09ZZui4h1jf
  l/365dwzdwj9tQBbskCvxFH1hZo0QOWnK+AWct1qVOY0KH1anu/
  RjrVqjvRRJDSVrtHBgIMBdCvMM31p7CFCZ8oPMZDTM/TEJV+tT9tZoJehyauPsv7HfxLvaakAw/
  wXw93nD2PZpAIJFZomSQ8BE8Qn31oT4fbzhJQ4ITzI5ROIsWaCAQKzmZk+AKoj79iuGHYZlnhQ0
  Qf2BaZ48yn3801U34l6V64vuTrXddUv1FPu0Y7F7QILP+LXYd33IkG4uvgnTRaF5lIjpcYueOm8yaKfO
  0XH1zUhjm8m4XS4ys26QY50EprqvnyYxyCmxEiCx2VbXe5uhGOYCouMwnsiJ1PohvROkb5Tbg6G
  jzCrcHwIOxUGmJkoul6OlcndcvbBaNEB7s/4vjYfVCqmOs44/
  oeTlcBum5blbKJy99ndjJ7ONsDtADLH4r4+RfyEfx5Lm2e/6amoRa0uZ1EcjWRhmYh/
  2DQ9ehAogHYNILLbesTuO1vayT4zkLS+5</BBPBillerResponseBodyEncrypted>
</BBPBillerResponse>
```

### Encrypted response JSON sample

```
{
  "BBPBillerResponse": {
    "SubHeader": {
      "requestUUID": "123",
      "serviceRequestId": "AE.ATM.IRIS.SDBSP.001",
      "serviceRequestVersion": "1.0",
      "channelId": "FC"
    },
  },
}
```



```

"BBPBillerResponseBodyEncrypted":
"Dpo5yI4+xs13ZcGLUF+b683yYsK9GmZ45qG+9aeyGuQ709qWA5qRye18Lbg4409aCxTryja5OnfH
eKxdEg7z8+RA/
X1sI97thxMhG12CRBlz+uHbtKa32EBHUGd+nC5kN0GDFRPq3u1jOJS4G3+ek02JVkwqV2r9sKojjK/
oEbd4O3KNXgO+cyFOXZrM5AFduDeySkSnnRdwi027zMptrR/VFfwEVDNnVtuXr6FdgFI="
}
}

```

### Error Codes and Description

Error_Code	Error_Desc
DEV100	Mandatory device details for channel INT not specified
DEV101	Mandatory device details for channel MOB not specified
DEV102	Mandatory device details for channel POS not specified
DEV103	Mandatory device details for channel MPOS not specified
DEV104	Mandatory device details for channel KIOSK not specified
DEV105	Mandatory device details for channel ATM not specified
DEV106	Mandatory device details for channel BANK BRANCH not specified
DEV108	Mandatory device details for channel BUSINESS CORRESPONDENT not specified
DEV109	Mandatory device details for channel INTERNET BANKING not specified
DEV110	Mandatory device details for channel MOBILE BANKING not specified
ERR_AUTH	Mandatory Input(Auth Flag) does not exist
ERR_CONN	Exception Occured While Creating Connection With BBPS
ERR_TECHNICAL	Registration was unsuccessful due to technical reasons, please contact your bank for further info
ERR_TECHNICAL	Virtual Account Data not in active status
ERR_TECHNICAL	No Virtual Account Data found
ERR_TECHNICAL	Enter value for Adhoc Registration
ERR_TECHNICAL	Enter value parameter not set for Adhoc Registration
ERR_TECHNICAL	Re-enter value for Adhoc Registration
ERR_TECHNICAL	Re-enter value for Adhoc Registration
ERR_TECHNICAL	Registration Key Values Mismatch
ERR_TECHNICAL	Exception Occured getting response from Bill DESK
ERR_TECHNICAL	Exception Occured ! Channel is not configured in DB

ERR_TECHNICAL	No New Record Found! Registration failed
ERR_TECHNICAL	Error Occured ! Customer CIF not exist
ERR_TECHNICAL	Registartion failed - Unable to fetch record due to technical Issue ! please contact your bank for f
ERR_TECHNICAL	Technical Exception Occured while creting request for Bill Desk
ERR_TIMEOUT	Registration was unsuccessful due to technical reasons, please contact your bank for further info
ERR_TIMEOUT	Exception Occured while getting Response from Bill Desk blockO
ERR_TIMEOUT	Registration failed - Unable to fetch record due to Network Issue ! Please Try after some time
ERR_TIMEOUT	Exception Occured While Creating Connection With Bill Desk !! Time Out
ERR_UBP_DUP_BILLER	Please note that biller account [AXCR"+add_biller_req.getCORP_CODE()+"] already exists for this
ERR_URL	Only Https request Accepted!
ERR_URL	Exception Occured While Creating Connection With BBPS!
ERR000	No data Found
ERR100	Biller Category is not Specified
ERR101	CIF ID is not Specified
ERR102	Location is not Specified
ERR103	Master type is not Specified
ERR104	Mobile Number is not Specified
ERR105	Channel Id is not Specified
ERR106	Nick Name is not specified
ERR107	Only Active Biller can be modified
ERR108	Registration Parameter Setup Not Correct
ERR109	Mandatory Input(Client Code) does not exist
ERR110	Mandatory Input(Biller Code) does not exist
ERR111	Mandatory Input(Customer CIF) does not exist
ERR112	Mobile Number Not Valid
ERR113	Mobile Number Mandatory for SMS Alert
ERR114	E-Mail Not Valid
ERR115	E-Mail Mandatory for E-Mail Alert

ERR116	Mandatory Input (Auto Pay Limit) Not Provided
ERR117	Mandatory Input (Account Number) Not Provided
ERR118	Mandatory Input (Nick Name) invalid
ERR119	Mandatory Input (Nick Name) not Specified
ERR120	Checksum Invalid
ERR121	Encryption Token Invalid
ERR126	Encrypted Token and CHECKSUM are invalid
ERR127	Mandatory Input(INITIATING CHANNEL ID) does not exist
ERR128	Mandatory Input(INITIATING CHANNEL ID) not valid
ERR129	Duplicate: Nick Name already exists
ERR130	Duplicate: Biller already exists
ERR131	Biller is not Active
ERR134	Invalid Channel ID
ERR166	Biller Successfully Modified. Reference Id is :
ERR999	Biller Successfully Registered. Reference Id is :Success
ERR999	Biller with reference Id : is pending for authorization
ERR999	Registration Id is : . Kindly check the status after 30 sec
ERR999	Biller is Deregistered and pending for Authorization
ERRAGNTMOB	Mandatory Input(AGENT MOBILE) does not exist
ERRAGT	Mandatory Input(AGENT ID) does not exist
ERRAGT	Mandatory input AGENT_ID
ERRSSLCER	Exception Occured after getting Key from Certificate
ERR173	The Channel Dycrtption Key Not Found
ERR174	The Client code encrypted value is incorrect!
ERR175	The Client code length should be of 16 digit!
ERR176	The A/c number length should be of 16 digit
ERR177	The Account number encrypted value is incorrect!
ERR179	Card Expiry Date length should be of 4 digit
ERR180	Invalid Year or Month

ERR184	Card Expiry Date is not specified
ERR186	WebApplication Authantication failed
ERR187	Username and password required for basic authentication
ERR189	XSD Schema Validation Failure!
ERR190	Auto Bill Fetch not allowed for Walk-In Customer
ERR191	Auto Payment not allowed for Walk-In Customer
ERR192	Only Active Biller can refresh bill
ERR193	Only Non Adhoc Biller can refresh bill
ERR210	Client Code Regex Validation Failure
ERR211	Level1 Regex Validation Failure
ERR212	Level3 Regex Validation Failure
ERR213	Level4 Regex Validation Failure
ERR214	Level5 Regex Validation Failure
ERR215	Level6 Regex Validation Failure
ERR216	Level7 Regex Validation Failure
ERR217	Level8 Regex Validation Failure
ERR218	Level9 Regex Validation Failure
ERR219	Level10 Regex Validation Failure
ERR220	Level11 Regex Validation Failure
ERR221	Level12 Regex Validation Failure
ERR222	Autot bill payment functionality not available for this biller

## 6. BillDueEnquiry

### URL

<https://sakshamuat.axisbank.co.in/gateway/api/v2/bbp/billdueenquiry>

### Non-encrypted request body fields

API Connect fields	Type	Repeating	Mandatory for business processing	Description
BBPBillDueEnquiryRequest	complex		Y	
BBPBillDueEnquiryRequest Body	complex		Y	
BillPresentRequest	complex		Y	
consumerNo	string			Client Code
status	integer			Status of Bill
cif	string			CIF (To be updated by EPH on the basis of Biller code)
custCif	integer		Y	Any one of three mandatory 1. Customer CIF 2. Email of customer to be passed from registration form/Bill due list 3. Mobile number of customer to be passed from registration form/Bill due list
emailID	string		Y	
mobileNo	string		Y	
masterType	integer		Y	Master type (Master type to be passed from registration form/bill due list)
channelId	string		Y	Channel Identifier from which the request is received
pagesToExport	integer			Page to export
billerCode	string			Biller Code (Biller Code to be passed from channel either from Registration form)

extRefNum	string			Ref ID of Presentment fetched from NPCI
checksum	string		Y	Checksum(SHA256) generation and validation on below attributes (CHNL_ID+ CUST_CIF+ MOB_NUM+ EMAIL+ INVOICE_NO+ BILLER_CODE+ CLIENT_CODE+ LOCATION+ NICK_NM+DATE1+DATE2+ CHKSUM_KEY)
encryptToken	string		Y	Encryption/Decryption(AES256)n on below attributes (CHNL_ID+ CUST_CIF+ MOB_NUM+ EMAIL+ INVOICE_NO+ BILLER_CODE+ CLIENT_CODE+ LOCATION+ NICK_NM + DATE1 + DATE2+ ENC_KEY
pageSize	integer			Page size
pageNum	integer			Page Number
date1	string			Start date of Date Range
date2	string			End Date of Date Range

**NOTE: channelId, CHKSUM\_KEY and ENC\_KEY will be provided through mail**

**Non-encrypted XML request sample**

```
<BBPBillDueEnquiryRequest>
  <SubHeader>
    <requestUUID>1</requestUUID>
    <serviceRequestId>2</serviceRequestId>
    <serviceRequestVersion>3</serviceRequestVersion>
    <channelId>3</channelId>
```

```

</SubHeader>
<BBPBillDueEnquiryRequestBody>
  <BillPresentRequest>
    <status>2</status>
    <custCif>6U0MHGMxRleq2nWZUt7v4w</custCif>
    <masterType>5</masterType>
    <channelId>626</channelId>

    <checksum>158b64b9cf1c6b82d6a1841916727b16c6144ecb56bbbaa148c6200e5ebf0ffb</
checksum>

<encryptToken>FaA8We7msi/GQezwNJ59BlwsoXCU4Y6ldpK+cRsVImiPXnDrbqBf21wTJhImAAyd
</encryptToken>
  </BillPresentRequest>
  <pageSize>1</pageSize>
  <pageNum>0</pageNum>
  <pagesToExport>1</pagesToExport>
</BBPBillDueEnquiryRequestBody>
</BBPBillDueEnquiryRequest>

```

### Non-encrypted JSON request sample

```

{
  "BBPBillDueEnquiryRequest": {
    "SubHeader": {
      "requestUUID": "1",
      "serviceRequestId": "2",
      "serviceRequestVersion": "3",
      "channelId": "3"
    },
    "BBPBillDueEnquiryRequestBody": {
      "BillPresentRequest": {
        "status": "2",
        "custCif": "6U0MHGMxRleq2nWZUt7v4w",
        "masterType": "5",
        "channelId": "626",
        "checksum":
"158b64b9cf1c6b82d6a1841916727b16c6144ecb56bbbaa148c6200e5ebf0ffb",
        "encryptToken":
"FaA8We7msi/GQezwNJ59BlwsoXCU4Y6ldpK+cRsVImiPXnDrbqBf21wTJhImAAyd"
      },
      "pageSize": "1",
      "pageNum": "0",

```

```

    "pagesToExport": "1"
  }
}

```

### Encrypted request body fields

Field	Repeating	Mandatory for business processing	Description
BBPBillDueEnquiryRequest		Y	
BBPBillDueEnquiryRequestBodyEncrypted		Y	Encrypted Request Payload Data

### Encrypted XML request sample

```

<?xml version="1.0" encoding="UTF-8"?>
<BBPBillDueEnquiryRequest>
  <SubHeader>
    <requestUUID>1</requestUUID>
    <serviceRequestId>2</serviceRequestId>
    <serviceRequestVersion>3</serviceRequestVersion>
    <channelId>FC</channelId>
  </SubHeader>

  <BBPBillDueEnquiryRequestBodyEncrypted>MZPqFSAZrtsViBqv9coWGOW6vK2pTKn+965Is5aje
  VslMsvZXUxAiJZfV7rzDAGbOi+dYYFxtsaSJkw0Pc25BpqA9CRp/3aRIHSSIPMczwABY11005zlxS/
  sccbx1bddq7bS48IWzmIfljAGweWvg/
  8/73X62XjKKoyohfAzb+rb0KNasD5vLwafXfKq70k68e4W4V2bcz9kQh2VhYtRZAgVs1WA1xRvsNaz
  JICeUUF7J0DuBzGsKTeU/
  xw1M1jPxsBoRpctffjvzilay2QaH6QWYmzUzPwK7pD9ZyHtOOulmK7vG7fZnO+rNt6fCW0K8mgva
  wIKwklgyKKPDbr+aMxZC0vr/M3S2RNIEFeVme5VMQOYNEdQwm/
  uVgHufXwNTdHbgeTdodjupwDyfPrX1XhozG98sd1QllkEkaQ7N+JUAlcNdSl1DO34U7mmeCUiOzd
  aHkTVIVS8ztLbcs62zOHM3y4u0UkFh4PpO9HRQllekt+Q7tyTqH7MfufXXfSZE+A8tKKwzLzTOb1Jz+
  w543Oqg9WTEmSsQEneYGIJKcXhzZNdlwUcDpK6nyX/
  KZlYGHvwT8HSaacBv6H6miBJHyLEDfmuTS8jZu+qf1/
  h9RIFPCTvfHKAAGiwg46DL88G8yEioEc9AVjBGThtrWByMtJ3dzJb6HgcQXGpEksXp75jvMo/
  1pV1nZ6MtSgnrhll9FikLmi/pleeSJ8lmg==</BBPBillDueEnquiryRequestBodyEncrypted>
</BBPBillDueEnquiryRequest>

```

### Encrypted JSON request sample



```

{
  "BBPBillDueEnquiryRequest": {
    "SubHeader": {
      "requestUUID": "1",
      "serviceRequestId": "2",
      "serviceRequestVersion": "3",
      "channelId": "FC"
    },
    "BBPBillDueEnquiryRequestBodyEncrypted":
    "rm0hqFT+ZpT2wza2Vh7mqXgW5YHmZzWWA7nJHqth3JLQ95xPD/bqAJvNiqKLLteDS/
    4scoJix6VzMaDQYqgh+kU6dlEvdV8rRgzRSbz8BXfQEhiyApjN2Fej3DDEZZYsDuPeUh9nNqzclOk5u
    HAzUm1XCayOupvFMClkZsmxLhJl2ruRC8iK8jBn2MZBZV1EHjqAgHABXHqCpC9wACUKhUsrMHL8
    67KyUDd0c9W7hlg93F7rewlFZTqHX6C0PLvDCbS8BI5zFpRjHScuZndM34kF0vDq7gfvTqGXLH3wB
    BTpbZ+JjotwSanSJ1TqAx7yc178EwzRs6mxFK3EXwiYUFQSmRY0981ed1jF8MrWOgU/
    +YRRAENHHXa/
    duBnxO1zj9jRypKhgpb6qF6MCZdIZUWu9+rXmzkgH2isW2wTXbYuivlcOUjO4XGQVb/8dPI"
  }
}

```

### Non-encrypted response body fields

API Connect fields	Type	Repeating	Mandatory for business processing	Description
BBPBillDueEnquiryResponse	complex		Y	
BBPBillDueEnquiryResponseBody	complex		Y	
BillPresentResponseArray	complex		Y	
BillPresentResponse	complex	Y	Y	
ouId	string	Y		Operational unit
cifId	string	Y		CIF ID of the Biller
corpCode	string	Y	Y	Biller Code
seqId	integer	Y		Sequence ID
level1Code	string	Y		Level code
level1Desc	string	Y		Level Description

level2Code	string	Y		Level code
level2Desc	string	Y		Level Description
level3Code	string	Y		Level code
level3Desc	string	Y		Level Description
level4Code	string	Y		Level code
level4Desc	string	Y		Level Description
level5Code	string	Y		Level code
level5Desc	string	Y		Level Description
level6Code	string	Y		Level code
level6Desc	string	Y		Level Description
level7Code	string	Y		Level code
level7Desc	string	Y		Level Description
clientCode	string	Y	Y	Client reference number
nm	string	Y		Name of Beneficiary i.e. Biller
emailID	string	Y		Email id of debtor
sms	string	Y		Mobile no of debtor
validFrom	string	Y		Bill Date
currency	string	Y		Currency
expiryDate	string	Y		Due date
stat	integer	Y		Status of bill
txnDtl	string	Y		Transaction detail
billerName	string	Y		Biller Name
category	string	Y		Category of Biller
location	string	Y		Client code description
level8Code	string	Y		Level code
level8Desc	string	Y		Level description
level9Code	string	Y		Level code
level9Desc	string	Y		Level description
level10Code	string	Y		Level code
level10Desc	string	Y		Level description
level11Code	string	Y		Level code

level11Desc	string	Y		Level description
level12Code	string	Y		Level code
level12Desc	string	Y		Level description
businessDatatype	integer	Y		Business Datatype of biller
discountedAmount	decimal	Y		Discounted amount of bill
custCif	string	Y		CIF of payer/final customer
respCd	string			Response code
respReason	string			Response reason
cmplRespCd	string			Compliance response code
cmplRespRsn	string			Compliance response reason
custName	string			Customer name as per the Bill Fetch from NPCI
msgId	string	Y		
invoiceNo	string	Y		Invoice Number
billPeriod	string	Y		Bill Period
extRefNum	string	Y		Ref ID of Presentment fetched from NPCI
encryptToken	string	Y		Encryption/Decryption(AES256) on below attributes (PYMNT_CHNL+ BILL_NO+ BILLER_CODE+ CLIENT_CODE+ BILL_DT+ DUE_DT+ AMT+ AMOUNT_DESC+ AMOUNT_VAL+ PYMNT_MODE+ CUST_CONV_FEE_DESC+ CUST_CONV_FEE_VAL+ + SUCCESS FLAG + ERROR ID+ ENC_KEY)
amount	complex	Y		Value of Amount

BillerStatus	complex		Y	
successFlag	integer		Y	1 if successful and 2 if unsuccessful
BillerResponse	complex		Y	
errorId	string		Y	Error Id
errorDesc	string		Y	Error Description
checksum	string		Y	Checksum(SHA256) generation and validation on below attributes (PYMNT_CHNL+ BILL_NO+ BILLER_CODE+ CLIENT_CODE+ BILL_DT+ DUE_DT+ AMT+ AMOUNT_DESC+ AMOUNT_VAL+ PYMNT_MODE+ CUST_CONV_FEE_DESC+ CUST_CONV_FEE_VAL+ +SUCCESS FLAG + ERROR ID+ CHKSUM_KEY)
encryptedToken	string		Y	Encryption/Decryption(AES256) on below attributes (PYMNT_CHNL+ BILL_NO+ BILLER_CODE+ CLIENT_CODE+ BILL_DT+ DUE_DT+ AMT+ AMOUNT_DESC+ AMOUNT_VAL+ PYMNT_MODE+ CUST_CONV_FEE_DESC+ CUST_CONV_FEE_VAL+ + SUCCESS FLAG + ERROR ID+ ENC_KEY)

### Non-encrypted XML response sample

```
<?xml version="1.0" encoding="UTF-8"?>
<BBPBillDueEnquiryResponse>
  <BBPBillDueEnquiryResponseBody>
    <BillPresentResponseArray>
      <BillPresentResponse>
        <ould>GAXISINDIA</ould>
        <cifId>BBPS</cifId>
        <corpCode>OFME00005DNZ43</corpCode>
        <seqId>10746448</seqId>
        <level1Code>200</level1Code>
        <level1Desc>a b</level1Desc>
        <level2Code>NAT</level2Code>
        <level2Desc>National</level2Desc>
        <level3Code>301</level3Code>
        <level3Desc>a b c</level3Desc>
        <level4Code>400</level4Code>
        <level4Desc>a b c d</level4Desc>
        <level5Code>505</level5Code>
        <level5Desc>a b c d e</level5Desc>
        <clientCode>20</clientCode>
        <nm>OFMEDN</nm>
        <emailID>spaytestindia@gmail.com</emailID>
        <sms>9898990084</sms>
        <validFrom>20150614</validFrom>
        <currency>356</currency>
        <atm>1000</atm>
        <expiryDate>20150620</expiryDate>
        <stat>2</stat>
        <txnDtl>2:.....:</txnDtl>
        <bankRef>BBPS0005003</bankRef>
        <category>17</category>
        <location>a</location>
        <businessDatatype>5</businessDatatype>
        <custCif>6U0MHGMxRleq2nWZUt7v4w</custCif>
        <invoiceNo>12303</invoiceNo>
        <billPeriod>june</billPeriod>
        <extRefNum>AX0125112017OFME00005DNZ43000367505</extRefNum>
        <amount>
          <tag name="Late Payment Fee" value="0.4"/>
          <tag name="Fixed Charges" value="0.5"/>
          <tag name="Additional Charges" value="0.6"/>
        </amount>
        <addnlInfo>
          <tag name="a" value="10"/>
        </addnlInfo>
      </BillPresentResponse>
    </BillPresentResponseArray>
  </BBPBillDueEnquiryResponseBody>
</BBPBillDueEnquiryResponse>
```

```

    <tag name="a b" value="20"/>
    <tag name="a b c" value="30"/>
    <tag name="a b c d" value="40"/>
  </addnlInfo>
</BillPresentResponse>
</BillPresentResponseArray>
<BillerStatus>
  <successFlag>1</successFlag>
</BillerStatus>
<BillerResponse>
  <errorId>ERR999</errorId>
  <errorDesc>Success</errorDesc>

```

```

<checksum>b9864ba41ef493d95f901c56da94707201c78e2dbba9b4571a24d568189df07b</checksum>

```

```

<encryptToken>NQ5kF/TWXBOqxBitGcb75o+UK4l68gaNT3Jol3Q2exnsT2dyy3mA+sSw7APvn//qgeE3EVtBqUip6x3VrW3kKXpSVwRS5FL6YEB3+v+3KYkFAXhArDbxa0fXkcHmpBHsKsKV4OrnittjSobAVAgtdOseFKGw7Rygk4Ls54LKPA=</encryptToken>
  </BillerResponse>
</BBPBillDueEnquiryResponseBody>
</BBPBillDueEnquiryResponse>

```

### Non-encrypted JSON response sample

```

{
  "BillPresentResponseArray": {
    "BillPresentResponse": [{
      "custName": "BBPS",
      "ould": [{
        "ould": "GAXISINDIA"
      }], {
        "ould": "GAXISINDIA"
      }
    ]},
    "cifId": "BBPS",
    "corpCode": "OFME00007UPA63",
    "seqId": "24092861",
    "level1Code": "10",
    "level1Desc": "a b",
    "level2Code": "20",
    "level2Desc": "National",
    "level3Code": "30",
    "level3Desc": "a b c",
    "level4Code": "40",

```

```
"level4Desc": "a b c d",
"level5Code": "50",
"level5Desc": "a b c d e",
"clientCode": "17",
"nm": "OAFMEUP",
"emailID": "test@axisbank.com",
"sms": "9898990083",
"validFrom": "20150614",
"currency": "356",
"atm": "1000",
"expiryDate": "20150620",
"stat": "2",
"txnDtI": "2:.....:",
"rsrvdDate1": "20200813",
"bankRef": "BBPS0005003",
"category": "20",
"location": "a",
"businessDatatype": "5",
"custCif": "AASASDSS",
"invoiceNo": "12303",
"billPeriod": "june",
"extRefNum": "AX0113082020OFME00007UPA63004905411",
"amount": {
  "tag": [{
    "name": "Late Payment Fee",
    "value": "0.4"
  }, {
    "name": "Fixed Charges",
    "value": "0.5"
  }, {
    "name": "Additional Charges",
    "value": "0.6"
  }
  ],
  "addnlInfo": {
    "tag": [{
      "name": "a",
      "value": "10"
    }, {
      "name": "a b",
      "value": "20"
    }, {
      "name": "a b c",
      "value": "30"
    }
  ]
}
```

```

    }, {
      "name": "a b c d",
      "value": "40"
    }
  }
},
"BillerStatus": {
  "successFlag": "1"
},
"BillerResponse": {
  "errorId": "ERR999",
  "errorDesc": "Success",
  "checksum":
"f2e912e2eb8a0a8baac33d5abd249ef0496c1687510a912ebedb1be3ab5c8dea",
  "encryptToken":
"zmuZRKXfND7CibPnZYqkQnk6DYU1ZwV/AEsvjCB9p4oAG4hq0ADw08IL+UChnWRTc2cDmjrjsD+
vn2S9VPDXu8/gP/7/
x3VYnuM9Vq0h05wVA7cOqVLPyOkwK0kVA4BMTqC1SQJHv8igXoj6K9XCY5sh4EvxhWqdG/
85qym/BFA="
}
}

```

### Encrypted response body fields

Field	Repeating	Mandatory for business processing	Description
BBPBillDueEnquiryResponse		Y	
BBPBillDueEnquiryResponseBodyEncrypted		Y	Encrypted Response Payload Data

### Encrypted response XML sample

```

<?xml version="1.0" encoding="UTF-8"?>
<BBPBillDueEnquiryResponse>
  <SubHeader>
    <requestUUID>1</requestUUID>
    <serviceRequestId>2</serviceRequestId>
  </SubHeader>
</BBPBillDueEnquiryResponse>

```



```
<serviceRequestVersion>3</serviceRequestVersion>
<channelId>FC</channelId>
</SubHeader>
```

```
<BBPBillDueEnquiryResponseBodyEncrypted>m5PuyXp6Tr/MkpWPn5OI004NboOj4HOJ83Yfaki
vSn9/6ufjfLmVixmnl/
1ppvdBDjANb6N4f0AtAmi+7FxdwLG0DFmTTDT262ZyZG7Dkq6POwCsrq4wl14eLnBM2RZCt0YbL
EGqRGizrJg7bEhdsLNqXW4Dr7FaNP2eb8bEwRK090+8XUNEhQJFnDGOzgmndJYWknJm2fzuUzvQ
z+
+quYbOAT8nUGTE01nagAcKb6yeBdsoG8dT4BcdpFaCxpnpjwjeuRfi2zDMUX+gDxWAKTCH81316DT
VoHIEunBqZgmLkYfFJKYL4JFzqogmdSxG31Ft8Fm8xaluMkRxzi9QDLcOx8m8Rc89uE4nuqTR5rgx6J
LOj/
Elq9B71B0a5OGorChtQjjOnlLyQR8fUsfleoH5NLDc6ocvUnglImwKQAQ+VgvnoB20Dd+GvPAqxvV
WCYs2wPemOt+B2ibmitLCI3ZEKdyekU9LRoZ7g/
Ac8Wli4qaNoLEWYhCoLwA4pwj5Y5QUomlJlLucngB93+EPB8lomGGHnPb9dwafPTyzTQmH7fV2w
u9pqlf2/lggFB9hKA3cUpkHWp+Jx8ZaVlx4vpwmBEjbKbKb6voJ/
3gvarcqVY5c8T6GQi42YTy3N6dXHJyGKXuOOdx2Mzmqw5wxqHuYOlwur8+JSBTin6dkAN/
vH5v6puLI0p2ZKYJDcJLacRMPN5k7YxHQ/
GBv1myR1pBCWOW1vma9QHPFxH8eK8CgZs3LT8IdUvEsx6zoPYWSiZsrn4OPJp+e/
14RYOrrOO81VuuWKKl8oDyTSULaAMVFBQBTMngWQOQxbeKqC2D54AX+GoaqCP2lo6RXoQGTU
e8sjdtI2KZkkkRmJF5ibqR9qpYrTJsHJYjwaFu0N0XVnkuYVy5Zp2QlJNJ5ju60iSD/
UNDajzyPgP3J3IFfV+ryTBgJ9CE4VBFTAsotu0DupXi4Uyf0/
q6ltzQlmb1P1A7wbUdIZM7vhhiqun53/jwM7SewslvUQ/4IOH/WMAj7Kn/
UFxBPlixaGXvlb6uCDqNCGXcwopn+0MZA8Fw8StTJoz2ePhs9ZsQe2eJ5HRsy0JEtjGnkE3n0rSepz
g79pWmRQbFDHF1Rd7dDeVsxTho6TtLqeSgHliA65GuG2XZTBkJULzTIT3FiAYRo7aV6W/
UT4c5cqclKL5f7je7U9NA9PEktZfDt7gRQ9fFus8fclzaqxxMB/
C8K6S0Ozq0U66VUaC6ly0Afq5tLg46sWGBeg3+zdr8kvhsdNhb/
lhRtyRf6vusiXmKtUNRexU6I9NEj79YII0S/
8adpVsciWb4vWQNnxvXUa86PaI71tSzt05AAjNLYEtLNWey2tJoTLVrhD4mR+Fh+neK7gdJNN/
p+ugYiHidcuUt+68emoelOhRQqPBIDWBHJX6/
RJ3gZyeKKh8Tzvf0Jwwx7dtEHE2fbMxjgR9Zs33mrcLyAfmI1jpeg8jjP+4tAyW8gwZXSvZo6iDLkRWe
oygb8Uo3H6hjHwHG+0YS+Qs/mUoqAI1cHoJSrTfpZF4vUHeGS7XFW2DXKGIEnQ2Wp2z/Y/
v7pyaNu/
QL1+ztlqOP5JdMVgkq340SI0rPHB3Kt4ovE0G5X8LWk0Grlu5bCilAYfQiH4+DPvxoxbD1ozQDR5Tu/
7FLazna6s/FL0j0yDlGA6iGnU4tE79JQh8ulA7mXPoRQI/
uTC71EbUn8DmLsnd9Dwgy9r3LGoA8OTTTjiYnhXiAmxu1s1xSmMkLtCLpz3CnWImWHC/
1GfZZ0k3Y6O2kyJZPa/PetNRKAukaHV5ibQ4U3jMctFdkRka4/
xgFvayHLA7Xl9KcOmWW2avOKShHgtKrQhc636qxYak+FzpalbjULqLp0Vy5PjE5dnar82fx7UcSKuilj
XnPVmxbolQ1jwYeH2Tp8z1EgkkwUxWZ71ii0hmu3zXN3/
ceGN8SRnjmlqET0gFu1uFORJBtwmGWTNW06US4JG/5MSr0Dxoqs/MDZDuxNWt2H/
asUkAqToVIOC7ICcrDS50/S0NvqSeP3M608H3tzT7X3JxY7+En3ms4S7JaG4jAfbMf8luc3YS/
b5XM7K+grD2vNbj8gLaxHSzlrINkv6nABUMk599UTIKxkW5OGwYJUQXQPDVxBiFUpHENDKZ0YD
IJVHg3nanMJIPVCC4dKcFA6wj6Zghbluzlm9D+49pjVB5hLz1UpzEjH3HpBuGcgSph6LyletxxekNban
Y5WZ7Y2l4JQMcmMmdG72NZq8tgdgSTScku8YzdWwXUjZrOZborOSBCOI2E+2ZeOlsBeGxM5rcg3HD
```

```

4P14jV3DzrBniUvKdV3kepxpQMv4bik+kABuXOCpiRmOukZHbE+2ixxRXL9BFuugSYoYySdMh5zQD
amoZpZ8WY3ewgM/
4N7xYJ7JT5HogFPfdDVJGSdXipAaqMRTANDmft8algy7DR5vd+H0kONeVg86IYQ=</
BBPBillDueEnquiryResponseBodyEncrypted>
</BBPBillDueEnquiryResponse>

```

### Encrypted response JSON sample

```

{
  "BBPBillDueEnquiryResponse": {
    "SubHeader": {
      "requestUUID": "1",
      "serviceRequestId": "2",
      "serviceRequestVersion": "3",
      "channelId": "FC"
    },
    "BBPBillDueEnquiryResponseBodyEncrypted":
    "o0mlHv5f4TqDITqPFGUID3bgO1ke54PCquswXLSlcZR+VvrmSr4eEiGzDNKbrcj5wo+RGFseiMEBj
xU0bjnTDFJYEN9OrOLn4Lu74EYMTk5fL0kXUG/m2BlmnDcm4z82UemQLISYh9D1HINn23zExA/
tSU/5+fArQQCvCZintw7l9/f9CBTC77F6DnQtTski9r6cQrdJB1i+QVn+qrGvCJV3Z2IHG/
bxfEL3JwCE8EoS+2Denf1u0Yd6ls057X8BCgog7VCD7N9+XpxduG4gu+TM7veRq36dbB4v5lyucq/
tSX6+8315NbnYyYjXqXq7PGr8Eeu+E9oDJFacfKnbwr2z8NZ9fPULzFHd94hq57ecDF1op03Rj3/y/
aolSh7p2t+foq4zQ5+POd9uAxexln4QLSMSCfScxt3DEksVhbnuT55btitrhUI4ins+gS4inNFfceGWLf
au0hUXi7uuX99lqpHO3eMaawrp8tTzYl6APF3JCCM9CyRuYrd2e76GwgGjV2OWZQCrFK5uTWIFq
uR1un4vbHXnW06VAbqDEAusJ5JUiCEr3hu9alB70YpMNL2f30/uHweWoUAits/Qc1a3/
dVzj4qRDk0fqgVYtScDb7q5GU0hCod8hwe3WMMvcCXjx/
rDe4MjsYbgvA94ngRkev8qQHIGz5l07Hgue7UncV+zOQzSTfhFp9WU9eaoJwmXlmri6H+N6FOZ7/
c1YwyBgrEqr8MFkpv7RSg7Kd80NEYOgZ9OLwprbTfoQaWj6Px0vhWozbS/MMnPYQNTtoMu/
oL8eux39tkdKVjjclzbGD2hYQ9jzINLhu5Wdmh/9Zh5Sjr0AQNiGGedAiQsVe1koO/
p9kKxSKWwR1wDtNV/
bprm5X7ism0U1P9yRNxjCCVMk6QekMEeKDLamvjN0SrBLc+EcLy1xNu2rhyUUPc+OyhmRUmUc
XNFaZSAnzUpTwNQTVz0zYnxpQr3sYljAsNOoPW9S06FdkrtW75tHbetuRdl56+TrTWkm87MEpEF5j
sWoJlaVSIXDN6hkvxFL55y18z7C0v6YsLDKcjbJsAieboV5kobffif1YnVTpgCKTvr8FrChzoXkTwwiDzu
qCarjQ3+ri4HJkLOZykyjxtDFWUJDsIOXnBz7vw3hCIA2xux3NXMtznaWzXARV9wriW8JmloW5AGlp
f/
450wymoy+K0BbPVn+PHYQMMzj26SA6pKqeY9Ke+S3hdgA51GILCI8hbU7pJnYC7dV56TZdtDdEo
57WNVZ8ACLa6z8+sQANbQM2QmpBAncJJZdXoKFGgssZXBhYmBpBEIvLKMjaXk7lhw23xLaev5KX
7YbVCX5URialEJ9i82eu+gPaSscoDvVqYMJv5zEL7MLwLzJ+Yj1H7byxmRw+qOCAfZBTLubNil9cC+k
ROrIbro7o07cpl11hd67wXs4OyIMakQrvgrT7R4loLnsxuMhFz0H0jHzEIRHsNdCzW1yvLLZaHy7U9J
oy/
Lq1VPndKb4WnvkOU2rPv5RMa28y89MdYPDJnyvHBSQfbiKI+NTTDtyl5WghD6z0KNDIsKu5y5yJk
DezG4OnF0SehAqaOXeaE8Wligxeb6PBLljBwS82rTxY8znU3TxC2SwDjn0cTdD/
0ew9OWUi12wKN7rb4obDmXVe9CAjr+pJM4H3fDrjwhFaT0ET2NMikVyrKA80dxkRzPhRtEBKeaZ/
aazUr/AvBfACuCo+7gt8KQVRznG6/

```

```

Va6NpZhp+u66iuwkcSIWJ2sm+7yTreUgma0hrkbg7TqWVB1JoxduMnfM8t6G/
d3+HkpoF7reFRq2kBdyjEbENz52qUWgapVx1BHDm3DelxevTd7XQWjRr59oh2Ezk6v6Wmg0yOnE
Su1STHejNtySk="
  }
}

```

### Error Codes and Description

Error_Code	Error_Desc
ERR000	No data Found
ERR103	Master type is not Specified
ERR105	Channel Id is not Specified
ERR120	Checksum Invalid
ERR121	Encryption Token Invalid
ERR122	Presentment Type is not Specified
ERR122	Mandatory input Mobile/Email/Customer CIF not present
ERR123	Checksum is not Specified
ERR124	Encrypted Token is not Specified
ERR132	Start Date should be less than end Date
ERR133	No Payment Due
ERR999	Success
ERR186	WebApplication Authantication failed
ERR187	Username and password required for basic authentication
ERR189	XSD Schema Validation Failure!

### Status and Description

stat	Description
2	Active
4	Cancelled
100	Partially Paid
101	Paid
102	Deemed Paid
504	Expired

510	Paid with external channel
600	H2HPymtPostingPending
602	Biller confirmation pending
603	Exception
717	EPH Rejected

## 7. Chargecalc

### URL

<https://sakshamuat.axisbank.co.in/gateway/api/v2/bbp/chargecalc>

### Non-encrypted request body fields

API Connect Field	Type	Repeating	Mandatory for business processing	Description
BBPChargeCalcRequest	Complex			
BBPChargeCalcRequest Body	Complex			
getAPIBPMoInpCttxn	Complex			
ouID	String			Operational Unit
pymntMode	String		Y	Payment Mode
instructedChnl	integer		Y	Channel Identifier from which the request is received
atm	decimal			Total amount passed by channel on which charges are calculated amount will always in paise)
ClrngChnlID	integer		Y	Type of Transaction 747- On-Us 748 – Off-Us 749 – Cash
pymntTyp	integer			Payment mode
getAPIBBMoBillPresent Resp	Compex			
corpCode	string		Y	Biller code
pymntChnlValue	string		Y	Payment Channel Payment Channel passed by channel to validate which all payment modes are allowed for that payment channel
checksumToken	string		Y	Checksum(SHA256) generation and validation on below

				attributes INSTRUCTED_CHNL RSVRD_STR1 CLRNG_CHNL_ID CORP_CODE AMT CHECKSUM KEY
encryptToken	string		Y	Encryption/Decryption(AES256) on below attributes instructedChnl + rsrvdStr1 + clrngChnlID + corpCode + atm + ENC_KEY Encryption/Decryption( AES256) on below attributes INSTRUCTED_CHNL RSVRD_STR1 CLRNG_CHNL_ID CORP_CODE AMT ENCRYPTION KEY
amount	Complex	Y		
Tag	element			
name	string			Name - Amount description to be validated from amount breakup set in masters
value	attribute			Amount value to be validated from amount breakup set in masters (amount will always in paise)
addtnlInfo	Complex	Y		
Tag	element			
name	string			
value	integer			

Note: channelId,CHKSUM\_KEY and ENC\_KEY will provided through mail

#### Non-encrypted XML request sample

```
<BBPChargeCalcRequest>
  <SubHeader>
    <requestUUID>1</requestUUID>
```

```

    <serviceRequestId>2</serviceRequestId>
    <serviceRequestVersion>3</serviceRequestVersion>
    <channelId>FC</channelId>
</SubHeader>
<BBPChargeCalcRequestBody>
  <GetAPIBPMoInpCtxn>
    <ouID>GAXISINDIA</ouID>
    <instructedChnl>620</instructedChnl>
    <pymntMode>Internet Banking</pymntMode>
    <clrngChnlID>747</clrngChnlID>
  </GetAPIBPMoInpCtxn>
  <GetAPIBBMoBillPresentResp>
    <corpCode>ADAN00000GUJ01</corpCode>
    <atm>300</atm>
    <Amount>
      <tag name="BASE_BILL_AMOUNT" value="3000" />
    </Amount>
    <pymntChnlValue>INT</pymntChnlValue>
  </GetAPIBBMoBillPresentResp>
</BBPChargeCalcRequestBody>

```

```

<checksumToken>da163c24ce9cce237fe83e06edcf9656d2040e91753b823bcb13a79c626da27
e</checksumToken>

```

```

<encryptToken>/CFmAPzp+0jQ9EeZ0TyqeAL0eZx9TUtxv7Cc39W4WBibVrJpCOun0BbV6BLt8GE6
NJTrNGzwx5cTMvNqh5NboA==</encryptToken>
  </GetAPIBBMoBillPresentResp>
</BBPChargeCalcRequestBody>
</BBPChargeCalcRequest>

```

### Non-encrypted JSON request sample

```

{
  "BBPChargeCalcRequest": {
    "SubHeader": {
      "requestUUID": "1",
      "serviceRequestId": "2",
      "serviceRequestVersion": "3",
      "channelId": "FC"
    },
    "BBPChargeCalcRequestBody": {
      "GetAPIBPMoInpCtxn": {
        "ouID": "GAXISINDIA",
        "instructedChnl": "620",

```

```

        "pymntMode": "Internet Banking",
        "clrngChnlID": "747"
    },
    "GetAPIBBMoBillPresentResp": {
        "corpCode": "ADAN00000GUJ01",
        "atm": "300",
        "Amount": {
            "tag": {
                "@name": "BASE_BILL_AMOUNT",
                "@value": "3000"
            }
        },
        "pymntChnlValue": "INT",
        "checksumToken":
"da163c24ce9cce237fe83e06edcf9656d2040e91753b823bcb13a79c626da27e",
        "encryptToken":
"/CFmAPzp+0jQ9EeZ0TyqeAL0eZx9TUtXv7Cc39W4WB1bVrJpCOun0BbV6BLt8GE6NJTrNGzwx5cT
MvNqh5NboA=="
    }
}
}
}
}

```

### Encrypted request body fields

Field	Repeating	Mandatory for business processing	Description
BBPChargeCalcRequest		Y	
BBPChargeCalcRequestBodyEncrypted		Y	Encrypted Request Payload Data

### Encrypted XML request sample

```

<BBPChargeCalcRequest>
  <SubHeader>
    <requestUUID>1</requestUUID>
    <serviceRequestId>2</serviceRequestId>
    <serviceRequestVersion>3</serviceRequestVersion>
    <channelId>FC</channelId>
  </SubHeader>

```



```
<BBPChargeCalcRequestBodyEncrypted>1v2BKxX0MDqMa4IXOvOM8xEtkGIpo2eO1jWALwJPBV
KdG6r70mZsplANtoF2WxpR+5Mgr2CEmxdil3WRYuxLIKAL24xb3L4yYPW4nJV0/
qQnSjik9uBGT3Rv8CglSNNI9Kk3Cpoj64+nnXGD8J2vxJt7KPWTh7embvcnbQjm3RvY/
UMxyRxnJseD58fb8fMNNXyvNxsHPm5+4K+6fX6+N7dknH29tI5KTSbiLa94V5JnMHlo7oW/
iN7GyukAv6EoJ1/wHaUzbfefwvllZKeCv801KcXhi3AjnEaP9oGFeN2M5xFs/
KC3DGJRRUOF5aNaFikUVvCSGaxT2jX82yF3feyGKIETfAkxi4W7FIEgWE8ijk7jCNemBwWWUJxL66
MGJO+v2bki9Ji99aQYTavornxn8AsFXxE+Bh1sJT9ViZ+kUxKyvxJZNdtNO9AsJVuGk/
KjCDlgFrpmwD/
GJa4u80csGToOM6tkqfpl2CdPtQz8wbI9xxO5v2NFwbjiZlcmvvoouq7BFgZYyBOYkd74BHYbf1c1
VZWYedgJNGrtre0gB+QP4g9UfBjF4jvBvFiINRk7am5lw9isc7Im2cxO4/9eGcx1rTXkGQO2W4y+ayU
Un2Tby8NjLuMmHVmpeeei6K6nrpK4nq/Mt5PUI7Ar1DkamP4kobFDr+K+ijDsC/
A+Gi2Tli5p3CSDIqkvOG4Q9tLpAaMxp71/TjBRjiDHMSuKiPOJXfYU+MFxY/rHjHiHyD5qUKD/
qE1p3eESgw9pxzf0KWRwq5ORqbnBd9+4zR7dVAzLjk3Lo8YegFC0sKymVBney+AV9IXph3EdgWuh
OBpcOqOEqrDnnNRZ005O8aQnKecidw1K6uw6Zw8J0JakNCAkdBVzEhT8kYWzalHTehw3YN/
NwmhunLX9/zj15D1GNMSgJdAn074CZ/4I0JJDfR3tun6AIBfO6gKEJ3c8zccQMm/paZUP0N/
+EqcMQ==</BBPChargeCalcRequestBodyEncrypted>
</BBPChargeCalcRequest>
```

### Encrypted JSON request sample

```
{
  "BBPChargeCalcRequest": {
    "SubHeader": {
      "requestUUID": "1",
      "serviceRequestId": "2",
      "serviceRequestVersion": "3",
      "channelId": "FC"
    },
    "BBPChargeCalcRequestBodyEncrypted":
    "Ostqdznvx59owWj12jaDMD1DmjvUiFnE1nFSAwghYp/8+eZn0mbI+OYp0ZZ7OsqPt3thuFiUPwoX
mdvtKmfJK99JBsThNQTabr0CUqhlVnPiV1xQ4dhbRUFLmK5HgDSQE/
1e2yc9TsMZepVyTJWPLlvD0mDX0YUtD9OfyE1tNcMh2AaExe8vbuXeYxkxi23QHGxA82CzdC9Vko
NnetcF0kdolw+/RrFEQWrcQ51OLGQhHbdW+Ov3YLNNpUM//
cDmRxWIDSYB6OrYubJnGY7oCEsMnrv3Rr6SgM9kY0U+KbNv2QABcKFKUhm4T8P2cc/
M5s9Uluilcbu8arQoc8ZX0I9EdxjR34ELZy/wj6AExmacZtbww+PhYm+73WWj/
8KTLwddgCp91hPBwS2OvbJnRjk2yXh+C5CMEUir+cOq0MSkoewWUcm0agY1ZfuWUvL3AKMRto
Tkl78OxnOqT/
PLj2Ygr5kBkYwKeObb7MejAv807ATHnwlV92WQIKefjuINyUmQzhPzFv10VbPfx0vT6Izj0I2GX44o8
MollAii/7glcUdVvkbj8S8JmhClzLF4FOA0/
H+BKjJasJcGBVnLSUBZ5uKDz8+ykZbALwzzORg77MbkwuPR71bP91hWJCS"
  }
}
```

**Non-encrypted response body fields**

API Connect Field	Type	Repeating	Mandatory for business processing	Description
BBPChargeCalcResponse	Complex			
BBPChargeCalcResponseBody	Complex			
ouID	string			Operational Unit Id
txnAmt	decimal		Y	Total amount passed from channels to EPH.
getAPIBBtxnChrgsDtls	Complex			
ChrgAmt	decimal		Y	Charge calculated by EPH on the Transaction amount.
taxTyp1	integer			Tax Type
taxAmt1	decimal		Y	Tax on charges (amount will always be in rupee)
taxTyp2	integer			Tax Type
taxAmt2	decimal		Y	Tax on charges (amount will always be in rupee)
taxTyp3	integer			Tax Type
tAxAmt3	decimal		Y	Tax on charges (amount will always be in rupee)
netChrgAmt	decimal		Y	Net charge amount calculated (amount will always be in rupee)
getAPIBBPMoResponse	Complex			
errorID	string			Error Id
errorDesc	string			Error Description
chksum	string		Y	Checksum Checksum(SHA256) generation and validation on below attributes SUCCESS_FLAG ERROR_ID

				CHECKSUM KEY
encToken	string		Y	Encryption token Encryption/Decryption(AES256) on below attributes SUCCESS_FLAG ERROR_ID CHECKSUM KEY
getAPIBBPMOStatus	Complex			
successFlg	integer			1 if successful and 2 if unsuccessful

### Non-encrypted XML response sample

```

<BBPChargeCalcResponse>
  <SubHeader>
    <requestUUID>1</requestUUID>
    <serviceRequestId>2</serviceRequestId>
    <serviceRequestVersion>3</serviceRequestVersion>
    <channelId>FC</channelId>
  </SubHeader>
  <BBPChargeCalcResponseBody>
    <GetAPIBBtxnChrgsMas>
      <txnAmt>300</txnAmt>
    </GetAPIBBtxnChrgsMas>
    <GetAPIBBtxnChrgsDtls>
      <ChrgAmt>5.0</ChrgAmt>
      <taxAmt1>0.9</taxAmt1>
      <taxAmt2>0.0</taxAmt2>
      <tAxAmt3>0.0</tAxAmt3>
      <netChrgAmt>5.900000</netChrgAmt>
    </GetAPIBBtxnChrgsDtls>
    <GetAPIBBPMoResponse>
      <errorId>ERR999</errorId>
      <errorDesc>Success</errorDesc>
    </GetAPIBBPMoResponse>
  </BBPChargeCalcResponseBody>
</BBPChargeCalcResponse>
<checksum>6fe715344749d2f3eb4eb50c5d7dd4e2bd517d5da50349d1ef116ab50238fd89</checksum>
  <encToken>bx7QMBHQ5RIBDtoW57gCAkhDaG/w550QO84bVhn8hiE=</encToken>
</GetAPIBBPMoResponse>
<GetAPIBBPMoStatus>
  <successflag>1</successflag>
</GetAPIBBPMoStatus>

```

```
</BBPChargeCalcResponseBody>
</BBPChargeCalcResponse>
```

### Non-encrypted JSON response sample

```
{
  "BBPChargeCalcResponse": {
    "SubHeader": {
      "requestUUID": "1",
      "serviceRequestId": "2",
      "serviceRequestVersion": "3",
      "channelId": "FC"
    },
    "BBPChargeCalcResponseBody": {
      "GetAPIBBPMoResponse": {
        "errorId": "CHR006",
        "errorDesc": "Invalid amount combination.",
        "checksum":
"1581117b1fbbd24b4d5a8571a09960bc69bdb9922642e1fe1ea9c3f77f11f4e1",
        "encToken": "1mjuy68TXaCJ9EfKPeK3RQ+QwrS7gpOMglfjQVB4IKU="
      },
      "GetAPIBBPMoStatus": {
        "successflag": "2"
      }
    }
  }
}
```

### Encrypted response body fields

Field	Repeating	Mandatory for business processing	Description
BBPChargeCalcResponse		Y	
BBPChargeCalcResponseBodyEncrypted		Y	Encrypted Response Payload Data

### Encrypted response XML sample

```
<BBPChargeCalcResponse>
```

```

<SubHeader>
  <requestUUID>1</requestUUID>
  <serviceRequestId>2</serviceRequestId>
  <serviceRequestVersion>3</serviceRequestVersion>
  <channelId>FC</channelId>
</SubHeader>

```

```

<BBPChargeCalcResponseBodyEncrypted>wmKvavZIXIXaWStoPSuQIJHaPuRJyYscPtaZDWrPCr3k
HOizZhcZKBagBYqK8RP71qmemBWGtid+zR6xMBV8LHva+0bQmjXRgW5VKK/
JALq9RsdakNUFknMJHXdYgX9NEZBmzoZiS+HMDdxV4lFRtQ6GVRH9cpPaQCDzNpeN68uELCIEjEv
Qc94ot5T72ZbVYAfoLXW/
q98GKJYiY7ataHJyJWMMQ5TOBChQuWbNVZWWxuJP4g8NBK7O88DkKoRtAw0WvJuoOuZ2M08
qkN1DRA9EAeENO/ZjI36HLSajGb0vD8r3PhGmFI0M7glGy1H/
TWJhMJClm6nqGnD+H+2q44vS6akmY9GDTKkUTjduIEAvfowa93FI/Y9PvhGhHqJDSxskM1ucL//
h8F6ytV3vMa9HCCPrEBZx+YbPexBONFvOUnxJ4V/tx2iXbEd0W4LtzqyXZjasWdBOXDCRuQw/
bS6FhNYtO6zz3rEepsKSKGR/OT3vxp0RULz/Y2999kce6Lznly2CGuu+j4RvVmQHvYK/
OCWqoyqUBECuXj7xPXw=</BBPChargeCalcResponseBodyEncrypted>
</BBPChargeCalcResponse>

```

### Encrypted response JSON sample

```

{
  "BBPChargeCalcResponse": {
    "SubHeader": {
      "requestUUID": "1",
      "serviceRequestId": "2",
      "serviceRequestVersion": "3",
      "channelId": "FC"
    },
    "BBPChargeCalcResponseBodyEncrypted":
    "56YbWN4IAd7Gdz6omiU947whrDfrgJfXCK8q//8EZGIsZt1l/DiCfQdQ4L7EviTRa+wUiNXIs8RdeBv
x3ScrsXmHFPNDkyL8ormAg2YVt9LAOUOeDnm/sn5A3/qD8wsns5rWPcms7o/
khPMsCXLKBxuKOuIV4D0DP8hNTj+LIPD+weM8zY9CTNYtJhpKijRmd7MBF3rIJ05M9Vcfydx1RHVA
+P940N96ft6C8b6jo43T84XC1//
PnnikHTDu6XmgPEWpfot3sHhmw9IE8ZkkZzmf2fENh4mT9iei476U5k1rZXSc56Bz6F3mvOs9pGxy
mOj4trcriFG22Moc5VuOddV3ula42P+b7XamAKI4mgo7IIAmxDcN4cj6h1pFApm"
  }
}

```

### Error Codes and Description

Error Code	Error Description
CHR001	Pymnt Mode is not supported for this biller

CHR002	Pymnt channel is not supported for this biller.
CHR003	Pymnt mode is not supported for this Channel.
CHR004	Amount less than minimum limit supported.
CHR005	Amount exceeds maximum limit supported.
CHR006	Invalid amount combination.
CHR007	Biller accepts payment with greater than/equal to due amount.
CHR008	Biller accepts payment with less than/equal to due amount.
CHR009	Biller accepts only Due amount.
CHR010	Invalid checksum
CHR011	Invalid Encryption
CHR012	Checksum and Encryption Invalid
CHR013	Mandatory Input Payment Mode
CHR014	Mandatory input Payment Channel
CHR015	Mandatory Input CLRNG_CHNL_ID
CHR016	Mandatory input Chnl_ID
CHR017	Mandatory Input Biller Code.
ERR186	WebApplication Authantication failed
ERR187	Username and password required for basic authentication
ERR189	XSD Schema Validation Failure!
ERR999	Success

## 8. BillProcessCI

### URL

<https://sakshamuat.axisbank.co.in/gateway/api/v2/bbp/billprocessci>

### Non-encrypted Request body fields

API Connect fields	Type	Repeating	Mandatory for business processing	Description
BBPBillProcessCIRequestBody	complex			
GetBBPBCH	complex			
ouid	string			OU ID of Axis
msgTyp	string		Y	Message type
chnlID	string		Y	Channel Id
msgRef	string		Y	Reference used from channel for identification of payment
numRem	integer		Y	Number of Remittance
numPymnt	integer		Y	Number of Payment
msgVS	string		Y	Message version
totAmt	decimal		Y	Total amount
txnMode	integer		Y	1:Cash, 2:CREDIT CARD, 3:DEBIT CARD, 4:IMPS, 5:Internet Banking, 6:NEFT, 7:PREPAID CARD, 8:WALLET, 9:UPI, 10:ACCOUNT TRANSFER
chksum	string		Y	Checksum(SHA256) generation and validation on below attributes. //BCH:: chnlID + msgRef + numRem + numPymnt + totAmt + //REM_MST:: remCustAcnt + remCustRef + cashBlckRef + billNo + instrCode + amt + remCustMbl + remCustEml + cifID + billPeriod

				//BCH txnMode + //REM_MST prebookedFlg + //REM_DTL:: benBnkRef + amt + corpCode + txnRefNum + reqValDt + ENC_KEY"
encToken	string		Y	Encryption/Decryption (AES256) on below attributes: //BCH:: chnlID + msgRef + numRem + numPymnt + totAmt + //REM_MST:: remCustAcnt + remCustRef + cashBlckRef + billNo + instrCode + amt + remCustMbl + remCustEml + cifID + billPeriod //BCH txnMode + //REM_MST prebookedFlg + //REM_DTL:: benBnkRef + amt + corpCode + txnRefNum + reqValDt + ENC_KEY"
GetBBPRemMst	complex			
msfRef	string			Reference used from channel for identification of payment
drction	integer		Y	1 defaulted for Web service
remCustAcnt	string		Y	Debtor Account Number
remCustNm	string		Y	Name of Debtor
remCustRef	string		Y	Consumer Number
remCustEml	string		Y	Payer Email ID
remCustMbl	string		Y	Payee Mobile number
amt	decimal		Y	Total amount
crncy	string			Currency
cashBlckRef	string			Payment type 0- For Pay Now Case 1-With Lien for Future Date 2- With Out Lien payment



				scheduling.
prebookedFlg	integer		Y	Pre-booked Flag To specify whether the transaction is pre booked or not
numPymnt	integer		Y	Number of payment of given remittance
remAcntTyp	integer		Y	Account type of payer(Mandatory for auto pay case)
remCustRefTyp	integer			Account type of payer
cifID	string		Y	Payer CIF ID (Cust CIF)
extRefReqFlg	integer		Y	1 required for Web-Service
cshblkRqrdFlg	integer		Y	Payment type
instrCode	string		Y	Instruction Code
billNo	string		Y	Bill Number/Invoice Number
remMstVer	integer			
GetBBPRemDtl	complex			
txnRefNum	string		Y	Reference used from channel for identification of payment(TO be map by PE from MSG_REF)
mandateRef	string		Y	Client code
reqValDt	string		Y	Payment schedule date
benNm	string		Y	Beneficiary Name
amt	decimal		Y	Amount Paid
crncy	string		Y	Currency
clrngChnlID	integer		Y	Clearing channel id for BBPS 40 Clearing channel ID for EBPP is 20
benBnkRef	string		Y	IFSC for Bill
benBnkNm	string			Beneficiary Bank Name
instrCode	string		Y	Instrument code Default "BBPS"
ChrgCrncy	string			Currency
chrgAmt	decimal			Amount Paid
corpCode	string		Y	Biller Code

billNo	string		Y	Bill number
remDtlVer	integer			
GetBBPRemChqDtl	complex			
oid	string		Y	OID of Axis. Default value: GAXISINDIA
GetBBPPtsBbpsBillAddtnlInfo	complex			NA in case of Adhoc
seqID	integer			
billPeriod	string		Y	Bill Periods Period of Bill for which payment is initiated. Mandatory for BBPS
invoiceNo	string		Y	Invoice number of bill
billerCode	string		Y	Biller code of biller
pymntInfoDesc	string			
pymntInfoVal	string			
PtsBbpsBillAddtnlInfoVer	integer			
AddtnlInfo	complex			Bill Additional info description
Tag	string			
Name	attribute			
Value	attribute			
GetBBPPtsBbpsBillAmtDtl	complex			NA in case of Adhoc
seqID	integer			
billerCode	string		Y	Biller code of biller
invoiceNo	string		Y	Invoice Number
billPeriod	string		Y	Bill Period
curr	integer			currency
ptsBbpsBillAmtDtlVer	integer			
Amount	complex		Y	Amount description and corresponding value selected by payer from pay bill screen to be

				passed by channels to EPH. Values to be mapped in "Pay_bill_req" table.
Tag	string	Y		Each tag contains name value pair output of bill due
Name	attribute			Name of amount bifurcation
Value	attribute			Value of amount bifurcation

**NOTE: chnId,CHKSUM\_KEY and ENC\_KEY will be provided through mail**

### Non-encrypted XML request sample

```

<BBPBillProcessCIRequest>
  <SubHeader>
    <requestUUID>?</requestUUID>
    <serviceRequestId>?</serviceRequestId>
    <serviceRequestVersion>?</serviceRequestVersion>
    <channelId>FC</channelId>
  </SubHeader>
  <BBPBillProcessCIRequestBody>
    <GetBBPBCH>
      <msgTyp>PymtInitSvc</msgTyp>
      <chnlID>620</chnlID>
      <msgRef>NidhiBBPS0026</msgRef>
      <numRem>1</numRem>
      <numPymnt>1</numPymnt>
      <totAmt>1000</totAmt>
      <msgVS>1234</msgVS>
      <txnMode>5</txnMode>
      <chksum>341f1f3e3e9b8844465b2a081b698239bf98a4800b5b3744f2a7734aacb23f5e</
chksum>

<encToken>PfabKsUltII/ZYG1+/hwurKwMPremulGegMQJK4bbcZoRbdgRbYIGIXUSGYRush01ekf2
ZLAX5HvievKsoroOZs4EdbgfnnB52UqUM2CWOHQhxg7pW6GqqU560nCcTgJuOxqFGdLEc2DQCL
3rQWNCnNIYfn5I1RJO1rV3oSpamE=</encToken>
  </GetBBPBCH>
  <GetBBPRemMst>
    <msfRef>NidhiBBPS0026</msfRef>
    <drction>1</drction>
    <remCustAcnt>063010100183666</remCustAcnt>
    <acctCrncy>INR</acctCrncy>
    <remCustNm>Anand</remCustNm>

```

```
<remCustRef>10</remCustRef>
<amt>1000</amt>
<crncy>INR</crncy>
<prebookedFlg>1</prebookedFlg>
<numPymnt>1</numPymnt>
<extRefReqFlg>1</extRefReqFlg>
<cshblkRqrdFlg>0</cshblkRqrdFlg>
<instrCode>BBPS</instrCode>
<billNo>12303</billNo>
</GetBBPRemMst>
<GetBBPRemDtl>
  <txnRefNum>NidhiBBPS0026</txnRefNum>
  <mandateRef>10</mandateRef>
  <reqValDt>20170906</reqValDt>
  <benNm>BBPS</benNm>
  <amt>1000</amt>
  <crncy>INR</crncy>
  <clrngChnlID>40</clrngChnlID>
  <benBnkRef>BBPS0005003</benBnkRef>
  <instrCode>BBPS</instrCode>
  <corpCode>OTOE00005XXZ43</corpCode>
  <billNo>12303</billNo>
</GetBBPRemDtl>
<GetBBPRemChqDtl>
  <oid>GAXISINDIA</oid>
</GetBBPRemChqDtl>
<GetBBPPtsBbpsBillAddtnlInfo>
  <billPeriod>june</billPeriod>
  <invoiceNo>12303</invoiceNo>
  <billerCode>OFME00007UPA63</billerCode>
  <AddtnlInfo>
    <tag name="a" value="10" />
    <tag name="a b" value="20" />
    <tag name="a b c" value="30" />
    <tag name="a b c d" value="40" />
  </AddtnlInfo>
  <ptsBbpsBillAddtnlInfoVer>1</ptsBbpsBillAddtnlInfoVer>
</GetBBPPtsBbpsBillAddtnlInfo>
<GetBBPPtsBbpsBillAmtDtl>
  <billerCode>OFME00007UPA63</billerCode>
  <invoiceNo>12303</invoiceNo>
  <curr>365</curr>
</GetBBPPtsBbpsBillAmtDtl>
</BBPBillProcessCIRequestBody>
```

```
</BBPBillProcessCIRequest>
```

### Non-encrypted JSON request sample

```
{
  "BBPBillProcessCIRequest": {
    "SubHeader": {
      "requestUUID": "?",
      "serviceRequestId": "?",
      "serviceRequestVersion": "?",
      "channelId": "FC"
    },
    "BBPBillProcessCIRequestBody": {
      "GetBBPBCH": {
        "msgTyp": "PymtInitSvc",
        "chnlID": "620",
        "msgRef": "NidhiBBPS0026",
        "numRem": "1",
        "numPymnt": "1",
        "totAmt": "1000",
        "msgVS": "1234",
        "txnMode": "5",
        "chksum":
"341f1f3e3e9b8844465b2a081b698239bf98a4800b5b3744f2a7734aacb23f5e",
        "encToken":
"PfabKsUltII/ZYG1+/hwurKwMPremulGegMQJK4bbcZoRbdgRbYIGIXUSGYRush01ekf2ZLAX5Hvie
yKsoroOZs4EdbgfnnB52UqUM2CWOHQhxg7pW6GqqU560nCcTgJuOxqFGdLEc2DQCL3rQWNCn
NIYfn5I1RJO1rV3oSpamE="
      },
      "GetBBPRemMst": {
        "msfRef": "NidhiBBPS0026",
        "drction": "1",
        "remCustAcnt": "063010100183666",
        "acctCrncy": "INR",
        "remCustNm": "Anand",
        "remCustRef": "10",
        "amt": "1000",
        "crncy": "INR",
        "prebookedFlg": "1",
        "numPymnt": "1",
        "extRefReqFlg": "1",
        "cshblkRqrdFlg": "0",
        "instrCode": "BBPS",

```

```
        "billNo": "12303"
    },
    "GetBBPRemDtl": {
        "txnRefNum": "NidhiBBPS0026",
        "mandateRef": "10",
        "reqValDt": "20170906",
        "benNm": "BBPS",
        "amt": "1000",
        "crncy": "INR",
        "clrngChnlID": "40",
        "benBnkRef": "BBPS0005003",
        "instrCode": "BBPS",
        "corpCode": "OTOE00005XXZ43",
        "billNo": "12303"
    },
    "GetBBPRemChqDtl": {
        "oid": "GAXISINDIA"
    },
    "GetBBPPtsBbpsBillAddtnlInfo": {
        "billPeriod": "june",
        "invoiceNo": "12303",
        "billerCode": "OFME00007UPA63",
        "AddtnlInfo": {
            "tag": [
                {
                    "_name": "a",
                    "_value": "10"
                },
                {
                    "_name": "a b",
                    "_value": "20"
                },
                {
                    "_name": "a b c",
                    "_value": "30"
                },
                {
                    "_name": "a b c d",
                    "_value": "40"
                }
            ]
        },
        "ptsBbpsBillAddtnlInfoVer": "1"
    },
}
```

```

    "GetBBPPtsBbpsBillAmtDtl": {
      "billerCode": "OFME00007UPA63",
      "invoiceNo": "12303",
      "curr": "365"
    }
  }
}

```

### Encrypted request body fields

Field	Repeating	Mandatory for business processing	Description
BBPBillProcessCIRequest		M	
BBPBillProcessCIRequestBodyEncrypted		M	Encrypted Request Payload Data

### Encrypted XML request sample

```

<BBPBillProcessCIRequest>
  <SubHeader>
    <requestUUID>?</requestUUID>
    <serviceRequestId>?</serviceRequestId>
    <serviceRequestVersion>?</serviceRequestVersion>
    <channelId>FC</channelId>
  </SubHeader>

  <BBPBillProcessCIRequestBodyEncrypted>wAvmKrdxAIS7cAEaumoKGgYx4Z+CJc4uMdTB7tLR7W
  USB0FfELZNzQRIOocK8KD0Z9o7q2HRFRyJeQ0J4F1m8NPvJLkR2PQ01hZ2gKtmiQWkEylropKJylZ
  n7ihqBmkbcBGFsXxiqjaw54bn8csIK4FsY16zoPlhmnJ0IK3leAhdidwB/
  MpZtwRjGcPeyt0I8vSIBzhhsSEW1ukGv21VARNnPIZApwhoA/
  ll6mvQiTuXm3gnEBhdW4UcFMga+8oh4boYsozGstkFViuFHGaagtIzVqBTjcH5ZqGllqOmWrnOP4aA
  SHM6Ok1zGA5WrV9mP/
  NPbwrjGnaN0nW8szg7vnmDooMcz2dp9SruioMtlxzs3bZcpwtk7qnMiBPbXCPqyo3wwa9xsXipf9b
  ovxGY+CETGDx0BSHd28cBODYF6j009VX5caTrv50N2esUJQm9ON4mbC801IW3PROaflyHkBi/
  OhrG4r3qo64trXEp7KqGbthTgNPtyO25905QtiFAesBeNgCQU+kh9uyZxziOmnk+827Q+r93NJY7R
  GH6/i75W/mtbF0afp3oVbD3D4G+99LMHQZ4oF/
  gzGMgZkr+MU2SoH6iOVNzg39oKmVktaZoS19WFyWnEC3Cm/TsAgiqv7jfzy0Hspn938fg1ZdJo/
  5bwyR8qi6M+60fFk3+x8bSjztXk8Ds97IFFzskaNj4slJnVqmHPJicSCVZw7CBoDutQhtuf7hsMOgG
  MtCPPq2fb/d/qX+J22vDvG5K132Uj3AL/

```

h6PCKIe5fDOP3ZFU4PNioozD7Iy3ENDj+v8j9dv4jgg0a61iypGrRM6okNLADdXoDs+r3Gs4zxlvP2F  
ZSPXACaeH2WgwjC4Md2VC3h/V7elc7dMB6AfnM32k5zLY1+wFu6N9Hup/mPTV/  
tfJB6jmBFA3ol1/  
spS6FvbfQ62ZKmnmyDB62ia3jWKVwscRaTchYY4FWvBIZTwUCRd0xc5WO3dOOK3FWjoJnYRBM  
G411gBvq+yKYOKNZwcl/flTqkROGqf/9vSmIBiuwPCA8sDRbTvf7D1lOI68ZACR7hYyXplllBvpmvj/  
6BO7/HQd3QOP/xk20QoUaOHnVwYW92hKZNjbs/  
i7dRXE8P5hajBC6t0Z0u0EwYQiD8NhyakwKP2D5kH+UUybHdeR0dPtzkkeG59DyWP5DZ/  
Wlj1Gs4HCcYZ22KrBQ1bRu49hYRh5043g7jw4oQ0wzSUgBKgOSi+qkUjsi/1FzK/S6Y4qIVlzQCK/  
BVSuYMN4qScwA+8xxzC9mX4yJqwoffsaC74vOMSqKaNYCHW7o0YUgt6Q0dMh1Dk0laU2L7/  
tqftiaY1nVHd/mMDGDxb7vRxhtapTabeFDAkigibvy7/E/TBo54/  
de+ZV5DxpamkBmx5nID4yqUj7+sAK71OulGf3Wv8uZD4rkHbggzF6+SLTUbl86Rep3z9UpruwYzLv  
VjhYn64DjfecGyuPTtC+x8+ccU2QeaiermIFORPfkZs8SZWYG8D4vmYXtMs0WawoeQXRAVCo20YcX  
bZb9F6IFjsz6eNMHLuHtHx/  
YDGJA2nBZJOprmbJGbfARpBbLWmx2jpxOY176RviUnMAQTgLnNKSOY77aUDp42m6q1eWJRA5L  
gXG6Efy8sd7yIT++cXselvKVi7mJf90AxYlywG+IPFYSdnPxasd/l8c9eByPnTUhd1eIWw/  
V1OX+iLeXrt00/  
G+GHIT33A41gFmF765ky7y4qxNavFgnuyhKpqhHyjllSRnvG1UK1p15LhPbGDwJZpaFJkxeobtbmtT  
OoIQR6vYplnL3+zqebZVa4GtChBch8Pp5fequX8JF6Jy1oCAJsqSdGd+swLqnIMXh3g/  
ddDD7re4elQZX7bSWUJE3vnZeih9+  
+A5iBBfqlyxERecsBJa0BVTIfEH5t+awGplPpbU4mgl4nal90ddGARZiLE/2p9CkFhFnqjE/  
jp5P8z39Zsc1PqhLGkAtN30ty2hAX3TF7OBxT0x9tZMHimGaj8wgwSif0Ma7NJ2eBm62Lm/  
FQ2F4HLgLUxxRmbpv6Zl3Y6N1Xc5XFikBaL+shD1y4/l5RSADqP1lunapc5RfEFK7FgYpauUBoKwvp/  
7Ka61CKZpHHKLK5zPjrHSsr7/mEDmgWNstEp9xfs3ysdZ3Wyl4xknq/  
gwoAk9blbxTBf8tLRggiXsrTbJWtuDJEW7/  
nhYA9sRD4iPgiReSFIOvvEqy2q7UK4XpOVMnr9BP6eto5kB0i9CUhypoCmviP+GohcFP0tdC9xEeUp  
BeKUSEglrdCwK0nH17su6vQ8hXd/ZpK4bt2u3XszyK9YqQbWfg/  
RrxvWIX8xhaG70lcrdkQUXOI8SMuqW6+pGp7H+E2OfgtsaWI0wvDXRlxLz/sR9f7nL+OitEDw7Dz/  
4kqmrQFiB6Zulk+U7hy6+9HejhaaMs6lTrQmHScL63/  
g9+WxITwDFYRNKAeV7w+5GEkl8szkFbAQDwgEjrz3hFtvvy8pIpB51cWtJ/  
AflZ9HpB6KlIfBDf0dTvCD8YgXK/  
OEYR+i96epBSiP+y+gqXdA53QTKJpdmexCBflw4huiCso+Jf7EON7Sjjmr3oaUZsJVP6VWP2zzMimlA  
UjTr7XLFDMsfJanC2xwO5QPYHxoD48SYnpVKl1pbFdvxNye8gsWqpxyyOAaQRhjVL6xjOppUMqlD  
Aj0MjkbW/7kL8zHEbHSm2/cXc+ce2Cc/ngir0CIXbZQsK5f8jtevz98lbg5f5bBiArbiMICCGCidr/  
oAPfQZ5OXeHPXCQ3whcll6Kp45vflbrKkOwmxgZABqkVksQPCLz4s3mD9chqJbkzeLvR/  
RylwLNH91opww+mRtaRkrfHXU0lke7lJayD10lm+NXNV7u1Qqvq8YZ15DXYUHBMoKxMdfMuqq  
hlZiewPXuKgEziPiG3rmCTU1IWReFhlncA26hp+m6vwhpO+qKo7vshVgam1hsJib8Ka1FsbMnoZ0c  
9fEkR5qzug4TMQL+BPG4y5zxTdwMTFgltkY/QJefZ1Rj15lATmidlVmswJZSfc4PyBK4FTv/  
N5Rw+WefnIPjeq+zRRT1vnxu1aLHtqKOVZsvop63fdki8MGWBbQaFrShQr6qRXlwABp2AygfsT0  
2HSaoV617c03c04Z9Xnn69XjHTh7ZqQGt39AjF0GgV6hQp7ypfU80csQtrm/  
YMxgUzA+tKazCSTgMGWTQyj1aXka23z8BZKMK4szx1689ltwWftWqjQD3XeJS4LQ64Pz+bl/  
T+ycQ/  
xiSlhIC4H0eLZZnJiQRT7MIxXXQ30Ka7Xatp8jtvks72OFDLBOpWsJyHnsEwKMcZ06zdPdStMHUKX  
u86tFlrV1zNpzM9HLN4fpZCUKsXoV7nVwVjXBE88Vxoxf3W7DtLV2RgzRxJC9SRDtxo4enij4uvNStN  
03yWxRUdomwJ6mWK603vsTi/YJ2OSmw==</BBPBillProcessCIRequestBodyEncrypted>



</BBPBillProcessCIRequest>

### Encrypted JSON request sample

```
{
  "BBPBillProcessCIRequest": {
    "SubHeader": {
      "requestUUID": "?",
      "serviceRequestId": "?",
      "serviceRequestVersion": "?",
      "channelId": "FC"
    },
    "BBPBillProcessCIRequestBodyEncrypted":
"sHOkSc7PM/eIBvzn+kYyYSzLmx79P4qVv94qskmMBhkkQLgltDns/cz8N0GEPFvmOh/
bxuT2ty1nfP/tPBvmRnoq/
jbhRm8JpziOh33+Z6tv186i5lmc3t8h+JYCEwHWMfLBxyU0/8rljcarph22eql09dH4YuCmtkOXVPkRi
wo0I8x80ab/cQpWR4BTSij0AzKqBJkP0iH59cJs1hOSbmEPmOpJAW/
roTFufz+OxUehOvLFEQ6nCW8aOUmeup1L2zBTR4ebCZI10BkQu9dGBYF2zatTa4EWtZQemXvEch
wG4jB3FYIjwicsgyQzS2SbEJCcSTXMSzavp8KA7tDHYq/Go6M4eqUZ/
sb0N+fBvPCXKHwqnZupE1jr/5LTmbFcC9+2XglqAFelcir7/a7r0a9a/
gPQnrqaMuV5kjvp0UzJMzIDBT7iR4Yu4VnjJPfrVPqOAEfpYyetenWrK8ZKCjiY0WvdBUVBMGQPkOb
JpqBixlNa/Z3jUbDZA3o/
bWLs4J3t1um86jnc+V42gpDyMGv4IsW3ELDIJkHkGSsrtzNIW1KzqnjbmcidgPIC/
kLJqDHwsLDyfdXCSUV1pjAuFwcO1bZoTylboheC2V04dZyGDFud26PD2Fr1iqbaqd5sl2nz3tkz3dYR
pJVkFOafw3gdPwJBpSwqQiXb2Lp4217GPj22Cn5/
Wk4eKWIVJZ3NEiDB5J0bM7+a8AaR8kFUupKooptGSX3z9Svt7jnmWoCldZ7gsIfk32LWuKkjhY4fZE
Eduj+8Wi4EY2vPoOWZHkUUtBffx+KEgktxyeflvBJOWeK2VdaBBVGoWn0RIC5camfWICzONYXMPY
/
gGto3+o6Zga18hd9KScjqxsMjd4KpSkXzqvZHo7TlSUbWwEmBqt4wYu3O1LdPqvclOf52njgod3an
zKS2sNHkA+clAKB8YvSFtOBSP4J/
vJjX1pR9WbapVlnePzQvEelaG8cU6U3Qgv97Wa2pW3+tzLhJSR5ZpzKdy9HdpdvHJKaCrQsA5sfW0
WijAfZ3kVkogrwmDI9AJle8otfGRCC6n/
bLd9Dtf0zy3sH0EfV0G27heiFTv1d0SorSG1hKx4wnnR22OfCKo359EwuKbfea+P22tLD5RcfHFYBW
YjINCbO0zzcff1DOguOwOJY9HanoGe7ui0TJmsgLgzPJ4Ho7p6DGG2UpiTab781Qqy5Rw3quEW9o
oZPKPCxpfT6OileR0pE358S8xK49LYOFrNowR5C8HgB9ZaDfSMpR3TKG6+7rUyaScmYtDYL2i6aP
YEagXVWKz6pTsPpfErzA3rS3dKVFncGCCkAq6CJmCIY3IU6ot70sZ6T5mMVHzygA0ND2fAkqem8a
j9UnTHHMkFmbizl8on+4FA2Za3xsuK70PIGva6HjWNSAcAA2h36q632NGQsRIEd+PS+iacarOmv1
OqN8XWzy+RdJ4k4qaelUK54Pz9zWJzay6JSrLvXx9gDacNp0Pn+ynZU4AfV9MIB2w1BUMe2cBhC+
Gzimq4kZXHY2v4aivrshL1C+Nmtg1Gsx2iR81SdSBSI8R+nJz7JuqsLJtC1NQ/
FgSIMTnNZBLpCgcPZjoNZTOgqi/R76QyzeALYfNOkUPm0guiGqEDRRmt7hMAulMLw0mJn/
QJB2F+UxMVT2UlpqTcy5CoUNKpcSli/VHPk/
VQuDuUd9TWAS4yM7T6ezAqt1viWAJsel22vQjg+himeKeGqfN5tQKPL96DuOodW4OhM+cULI8
KTpWjrgjNcWLuQ/TtFbgsnbr4W95oCdRE8BFreqJec221V4w=="
  }
}
```

}

**Non-encrypted Response body fields**

API Connect fields	Type	Repeating	Mandatory for business processing	Description
BBPBillProcessCIResponse	complex			
BBPBillProcessCIResponseBody	complex			
txnPosTyp	integer			
txnPosNum	integer			
SqncNum	integer			
errorID	string		Y	Error id
errorDesc	string		Y	Error description
extRefNum	string		Y	Transaction Pos Num
intRefNum	string		Y	Transaction Pos Num
string1	string			
date1	string			
num1	integer			
string2	string		Y	Transaction reference Id given by NPCI
date2	string			
num2	integer			
sourceRefNum	string		Y	Reference Id passed by channel in Request
exctnDt	string			
chksum	string			

encToken	string			
GetAPIBBPMoStatus	complex			
successFlg	integer		Y	1 if successful and 2 if unsuccessful
msgRef	string			

### Non-encrypted XML response sample

```

<BBPBillProcessCIResponse>
  <SubHeader>
    <requestUUID>?</requestUUID>
    <serviceRequestId>?</serviceRequestId>
    <serviceRequestVersion>?</serviceRequestVersion>
    <channelId>FC</channelId>
  </SubHeader>
  <BBPBillProcessCIResponseBody>
    <errorId>ERR999</errorId>
    <errorDesc>Payment done Successfully</errorDesc>
    <sourceRefNum>bbps1402</sourceRefNum>
  <extRefNum>26-694167883-1</extRefNum>
  <intRefNum>26-694167883-1</intRefNum>
  <string2>AX0100158398</string2>
  <GetAPIBBPMoStatus>
    <successFlag>2</successFlag>
  </GetAPIBBPMoStatus>
</BBPBillProcessCIResponseBody>
</BBPBillProcessCIResponse>

```

### Non-encrypted JSON response sample

```

{
  "BBPBillProcessCIResponse": {
    "SubHeader": {
      "requestUUID": "?",
      "serviceRequestId": "?",
      "serviceRequestVersion": "?",
      "channelId": "FC"
    },
    "BBPBillProcessCIResponseBody": {
      "errorId": "ERR999",

```

```

    "errorDesc": "Payment done Successfully",
    "extRefNum": "26-694167883-1",
    "intRefNum": "26-694167883-1",
    "string2": "AX0100158398",
    "sourceRefNum": "bbps1402",
    "GetAPIBBPMoStatus": {
      "successFlag": "1"
    }
  }
}
}
}

```

### Encrypted response body fields

Field	Length	M/O	Description
BBPBillProcessCIResponse		M	
BBPBillProcessCIResponseBodyEncrypted		M	Encrypted Response Payload Data

### Encrypted response XML sample

```

<BBPBillProcessCIResponse>
  <SubHeader>
    <requestUUID>?</requestUUID>
    <serviceRequestId>?</serviceRequestId>
    <serviceRequestVersion>?</serviceRequestVersion>
    <channelId>FC</channelId>
  </SubHeader>
  <BBPBillProcessCIResponseBodyEncrypted>j3r7tduUz0UPuvceAOoaVLV2UhnCx0/
  PLClpy9nrHcrE8yiwnxctnGWw+AY5nBmoSfBZlyPVMccZY0879ddiVQK+iaXuKoTplGDP+bdWlQaje
  xsYXawdHYNe2u1B1Mz+MJabNebZMImVdTCmfBguwO378cZ2A7YlayeV6u2ttj9MfxljBGvRb6JLTl
  AoFNRv2BmS8TbbPg91yp+1k0WHAsi5sY0wWF0EGvBiyfFy/RaYeEMYAt6MTj1/lYeaPI8MeqlMf/
  55GM2N01EUyJ4TiHe4LgMI9qZquC8Enc9ED/4vEzFgWNGS/s1sfDLzytS8D253HHZl/
  k8wfe8o6lx399vluRx4SRWmhW0Wtxns6lava5a4LTUwCKvDtgENLWjBBjRSdWVW/
  VWrP4IFSQK7giUWty4rOaNvgCdg8h9fmBs=</BBPBillProcessCIResponseBodyEncrypted>
</BBPBillProcessCIResponse>

```

### Encrypted response JSON sample

```

{
  "BBPBillProcessCIResponse": {
    "SubHeader": {

```

```

    "requestUUID": "?",
    "serviceRequestId": "?",
    "serviceRequestVersion": "?",
    "channelId": "FC"
  },
  "BBPBillProcessCIResponseBodyEncrypted":
  "ivluWTBbmQJqduBdfhWxhTNffat7U18FN/7ava/AxzfDIR0XAG97/iIRVQulroi/Hhu7Z6ckhP+gBpV
  FhPNmH+Wmdv+d2CtjyzmWYXsZoasTcVMbM0nSJR1yRGG5tHARICVwtX9gHJHMiEFU7vI63FzDp
  EiTY0vzh9fKhQYKCHdpLXaKx970ah7ppstyuvVQsz9ws+h6xk12ZQwKlGIRnsSzZGIZN3/
  sEU8QhL1pw4vVY/t9aIGlooUir8YcKs5SM6YRib+N6/GlcuyD5t3c8Q=="
}
}

```

### Error Codes and Description

Error_Code	Error_Desc
AM05	Duplication
ERR_CONN	Exception Occured While Creating Connection With BBPS
ERR_PYMT_DUPLICATE	Payment Reversal done Successfully
ERR_TIMEOUT	Exception Occured while getting Response
ERR_TIMEOUT	Payment is being processed.Please check status after some time.
ERR_TIMEOUT	Exception Occured after getting Key from Certificate
ERR_TIMEOUT	Exception Occured While Creating Connection With BBPS!
ERR_URL	Only Https request Accepted!
ERR_URL	Exception Occured While Creating Connection With BBPS!
ERR120	Checksum Invalid
ERR121	Encryption Token Invalid
ERR123	Checksum is not Specified
ERR124	Encryption is not Specified
ERR125	Prebook Flag Mismatch
ERR126	Encrypted Token and CHECKSUM are invalid

ERR159	Debtor a/c validation failure
ERR161	The Channel Dycrtption Key Not Found
ERR177	Debtor a/c encrypted value is incorrect
ERR178	The Debtor A/c No length should be of 16 digit
ERR179	Card Expiry Date length should be of 4 digit
ERR180	Invalid Year or Month
ERR181	No Active registration present for reference id :
ERR182	Inactive Registration for reference id :
ERR183	Registration is Inactive
ERR184	Card Expiry Date is not specified
ERR185	Please provide correct value of Mandate_ref
ERR186	WebApplication Authantication failed
ERR187	Username and password required for basic authentication
ERR188	Payment of Credit Card bill using Credit Card Account is not allowed
ERR189	XSD Schema Validation Failure!
ERR999	Success
ERROR	Technical Error, please try again.
ERROR	System is down,Please try again.
TAGSREQ	Mandatory Input does not exist: bch.MSG_REF
TAGSREQ	Mandatory Input does not exist: rem_dtl.CORP_CODE
TAGSREQ	Mandatory Input does not exist: rem_dtl.BEN_BNK_REF or rem_dtl.BEN_REF
TAGSREQ	Mandatory Input does not exist : rem_mst.INSTR_CODE
TAGSREQ	Mandatory Inpur does not exist : rem_dtl.Amt
ERR210	Client Code Regex Validation Failure
ERR211	Level1 Regex Validation Failure

ERR212	Level3 Regex Validation Failure
ERR213	Level4 Regex Validation Failure
ERR214	Level5 Regex Validation Failure
ERR215	Level6 Regex Validation Failure
ERR216	Level7 Regex Validation Failure
ERR217	Level8 Regex Validation Failure
ERR218	Level9 Regex Validation Failure
ERR219	Level10 Regex Validation Failure
ERR220	Level11 Regex Validation Failure
ERR221	Level12 Regex Validation Failure

## 9. BillPaymentEnquiry

### URL

<https://sakshamuat.axisbank.co.in/gateway/api/v2/bbp/billpaymentenquiry>

### Non-encrypted request body fields

API Connect fields	Type	Repeating	Mandatory for business processing	Description
BBPBillPaymentEnquiryRequest	complex		Y	
BBPBillPaymentEnquiryRequestBody	complex		Y	
Bch	complex		Y	
oid	String			Operational ID
messageType	String		Y	
channelId	String		Y	Channel Identifier from which the request is received
checksum	String		Y	Checksum(SHA256) generation and validation on below attributes channelId + messageRef + remCustAccount + mobNum + cifId + emailID + billerCode + clientCode + CHKSUM_KEY
encToken	String		Y	Encryption/Decryption(AES256) on below attributes:: channelId + messageRef + remCustAccount + mobNum + cifId + emailID + billerCode + clientCode + ENC_KEY
InpPaymentInquiry	complex			
cifId	String			



masterType	String			Master Type EBPP-4, BBPS-5, Both-6
emailID	String			Email (as per discussion either CIF/Mobile or email should be a mandatory field for this service.
pageSize	String			Page size
pageNumber	String			Page Number
pagesToExport	String			Pages to export
ouID	String			Operational ID
messageReference	String			Transaction reference
clientCode	String			Client Code
transactionRefId	String			12 digit Transaction ID sent to NPCI at the time of payment
custCif	String			Customer CIF (as per discussion either CIF/Mobile or email should be a mandatory field for this service.
mobNum	String			Mobile number(as per discussion either CIF/Mobile or email should be a mandatory field for this service.
billerCode	String			Biller code
refId	String			35 digit Unique identification Number
msfReference	String			Unique code sent by channels at the time of Payment Initiation.
remCustAccount	String			Debtor account number
instrumentCode	String			Instrument code

Note: channelId,CHKSUM\_KEY and ENC\_KEY will provided through mail

### Non-encrypted XML request sample

```
<BBPBillPaymentEnquiryRequest>
  <SubHeader>
```

```
<requestUUID>1</requestUUID>
<serviceRequestId>2</serviceRequestId>
<serviceRequestVersion>3</serviceRequestVersion>
<channelId>FC</channelId>
</SubHeader>
<BBPBillPaymentEnquiryRequestBody>
  <Bch>
    <oid></oid>
    <messageType></messageType>
    <channelId></channelId>
    <initMuld></initMuld>
    <rprFlag></rprFlag>
    <messageRef></messageRef>
    <numberOfRemittance></numberOfRemittance>
    <numberOfPayment></numberOfPayment>
    <ordDate></ordDate>
    <totalAmount></totalAmount>
    <currency></currency>
    <stat></stat>
    <messageVersion></messageVersion>
    <targetChannelId></targetChannelId>
    <targetMuld></targetMuld>
    <transactionMode></transactionMode>
    <reSub></reSub>
    <mirn></mirn>
    <reservedNumber1></reservedNumber1>
    <reservedNumber2></reservedNumber2>
    <reservedNumber3></reservedNumber3>
    <reservedStreet1></reservedStreet1>
    <reservedStreet2></reservedStreet2>
    <reservedStreet3></reservedStreet3>
    <intfID></intfID>
    <mbrSequenceNumber></mbrSequenceNumber>
    <jobRunId></jobRunId>
    <crErrorRecCount></crErrorRecCount>
    <successRecCount></successRecCount>
    <drErrorRecCount></drErrorRecCount>
    <prtIAuthAllowed></prtIAuthAllowed>
    <autoAuthFlag></autoAuthFlag>
    <fileConvntFlag></fileConvntFlag>
    <checksum></checksum>
    <encToken></encToken>
    <bchVersion></bchVersion>
  </Bch>
</BBPBillPaymentEnquiryRequestBody>
</SubHeader>
```

```

<InpPaymentInquiry>
  <cifId></cifId>
  <corpCode></corpCode>
  <e2eReference></e2eReference>
  <paymentMethod></paymentMethod>
  <accountNumber></accountNumber>
  <consumerNumber></consumerNumber>
  <channelId>620</channelId>
  <masterType></masterType>
  <emailID></emailID>
  <pageSize></pageSize>
  <pageNumber></pageNumber>
  <pagesToExport></pagesToExport>
  <ouID></ouID>

  <checksum>b83e2c8fbb865fb1b94e70670dd363abcf4f34f296979e1c1399c0528e1a0c83</
checksum>
  <encToken>Y1FBxnux97T0Xpl71a4lxgt3q0bGcT29m3VhT6thhnY=</encToken>
  <channel></channel>
  <messageReference></messageReference>
  <clientCode></clientCode>
  <transactionRefId></transactionRefId>
  <reservedNumber1></reservedNumber1>
  <reservedNumber2></reservedNumber2>
  <reservedStreet1></reservedStreet1>
  <reservedStreet2></reservedStreet2>
  <reservedStreet3></reservedStreet3>
  <custCif>DDD</custCif>
  <mobNum>9898990081</mobNum>
  <billerCode></billerCode>
  <refId></refId>
  <msfReference></msfReference>
  <remCustAccount></remCustAccount>
  <instrumentCode>BBPS</instrumentCode>
</InpPaymentInquiry>
<pageSize>2</pageSize>
<pageNumber>0</pageNumber>
<pagesToExport>1</pagesToExport>
<userID></userID>
</BBPBillPaymentEnquiryRequestBody>
</BBPBillPaymentEnquiryRequest>

```

### Non-encrypted JSON request sample

```
{
  "BBPBillPaymentEnquiryRequest": {
    "SubHeader": {
      "requestUUID": "1",
      "serviceRequestId": "2",
      "serviceRequestVersion": "3",
      "channelId": "FC"
    },
    "BBPBillPaymentEnquiryRequestBody": {
      "Bch": {
        "oid": "",
        "messageType": "",
        "channelId": "",
        "initMuld": "",
        "rprFlag": "",
        "messageRef": "",
        "numberOfRemittance": "",
        "numberOfPayment": "",
        "ordDate": "",
        "totalAmount": "",
        "currency": "",
        "stat": "",
        "messageVersion": "",
        "targetChannelId": "",
        "targetMuld": "",
        "transactionMode": "",
        "reSub": "",
        "mirn": "",
        "reservedNumber1": "",
        "reservedNumber2": "",
        "reservedNumber3": "",
        "reservedStreet1": "",
        "reservedStreet2": "",
        "reservedStreet3": "",
        "intfID": "",
        "mbrSequenceNumber": "",
        "jobRunId": "",
        "crErrorRecCount": "",
        "successRecCount": "",
        "drErrorRecCount": "",
        "prtIAuthAllowed": "",
        "autoAuthFlag": "",
        "fileConvFlag": "",
        "checksum": ""
      }
    }
  }
}
```

```
        "encToken": "",
        "bchVersion": ""
    },
    "InpPaymentInquiry": {
        "cifId": "",
        "corpCode": "",
        "e2eReference": "",
        "paymentMethod": "",
        "accountNumber": "",
        "consumerNumber": "",
        "channelId": "620",
        "masterType": "",
        "emailID": "",
        "pageSize": "",
        "pageNumber": "",
        "pagesToExport": "",
        "ouID": "",
        "checksum":
"b83e2c8fbb865fb1b94e70670dd363abcf4f34f296979e1c1399c0528e1a0c83",
        "encToken": "Y1FBxnux97T0Xpl71a4lxgt3q0bGcT29m3VhT6thhnY=",
        "channel": "",
        "messageReference": "",
        "clientCode": "",
        "transactionRefId": "",
        "reservedNumber1": "",
        "reservedNumber2": "",
        "reservedStreet1": "",
        "reservedStreet2": "",
        "reservedStreet3": "",
        "custCif": "DDD",
        "mobNum": "9898990081",
        "billerCode": "",
        "refId": "",
        "msfReference": "",
        "remCustAccount": "",
        "instrumentCode": "BBPS"
    },
    "pageSize": "2",
    "pageNumber": "0",
    "pagesToExport": "1",
    "userID": ""
}
}
```

**Encrypted request body fields**

Field	Repeating	Mandatory for business processing	Description
BBPBillPaymentEnquiryRequest		Y	
BBPBillPaymentEnquiryRequestBodyEncrypted		Y	Encrypted Request Payload Data

**Encrypted XML request sample**

```
<BBPBillPaymentEnquiryRequest>
  <SubHeader>
    <requestUUID>1</requestUUID>
    <serviceRequestId>2</serviceRequestId>
    <serviceRequestVersion>3</serviceRequestVersion>
    <channelId>FC</channelId>
  </SubHeader>
  <BBPBillPaymentEnquiryRequestBodyEncrypted>3Fo/KDbKLd5j5AjCb/i4+nyjsHFUWwr5PY/
RlxBynoMVxyN4OjakkvwYrSVcyuB4RoUN861DsF7zWZ0eYDsh2ix0kLBMSpfrADIJ6W/
2XyRWTsi1znJVsMaO3F/1m81hWujPWwivlx4uldL8UHXYsqOvwyRhCNAA6G8iDtJgpK/
BhpjXx5NACcfiBwxV0FSK17CNMT4sY0/
Foqa+VgjXXJdme1KSgCBQb7MT4SbGoyGTXP3GXgVKJipUXz/
EJ7KdWVjqzbtHebY5CqZ29aoix3LITERyaC87Y8YzBbeRujHgy2jZCfpogr7Bol13baco6uxjB9qpXczU
ppzhS+n/Kdgl5qhaog2JH/
F240fJVfHmNs2NglACCBRVsurUdASoxYfXycg0Mu11CDPnA0S05aolvZ1+EWaxUU1Y9m8+SRitixP
EM/XRrmteRtj2icDtEsrjj1rfPTep/
EFVgFq7Wp3EwiOiGjYnu3Qnk7kR1ZnWE2G4LWSWdReFG8Y7sgv2+1h9t0uBGB4nCIHI36jzwTNXi
bioV2C4VSP70mqcZ07PpQKSv7od80F8hk8kxA2+x1tQKXjoHJ3a3cHAjACKXieLL6PTtmYfiBLSOHW
GjLZP9EyhFeaEzqN0Mjs7IOhYVvaP8YJOys5n3j9Y38VCK9fvvF9cD8iA0IR+3k4pYsX9wAkndmRCyxG
wUnZ1GaDezIPC5TCTPSUEgCHC6qYIN3eVlsz5r339Cw24vZbzUsNe6l/
CKS3Pilqq2IMuNrMfUIZQ0mzYi1wUGCWluave+IZOt9rKAyabAAq7xPDhWUqH2IRFoUILLIIBPHcnvY
62d1oHL14Kp0UngVFCE/oxNUdHdTgUQUaqe6hPKXOj4KNnRLSMf9bop/DskG/
k9u+HUs3v0+Xi1rnxnXrUUiYCy41533MMnxsp4H/qEVxTuDBIC8wxGTar/
Ovg+cYUUN1S41jx4EFXsfaa5Cc2HgoKGjvXqe1DU9jtXH7XlktGQ3pQbrA/
FqTuF8ZrxHdbNQaOfpVafqHnNpFw2Eldv62makF95DIkJMHPmsUD3R4uDnDgQ3p0FYHXMBU/
o7JldtPZOqnGbX6l2ikFM06rUbY7rQFrmTe5X+gWqzbRxxv2cVKY1XaNpu4i1NTR7HPjTyKibOCzOCz
SY6B9mQYoL72iLk2pS9zki6VwlaeTKa/
cK14E+PESsUilLa7BCGl+4ackl692gtpWgXNUUpkgOLTEk08awWYhV7vIGLji/vl7Npt/d+jahrpB8mEp/
ZLrBuwPII7j7igPxxSKiov115iQXV7zOomUWzP5MAIzW/6rbh9g6O5IRF88900pxdKz/
```

h8GqqePcjLS0Hi8lqrsRLr4J4+OKCKjJUFRsD3EO0Zxs4uK+0kPw3OUCAgAvnDGUd2E6zAl/  
 EKk+5mOku9h0hXDBvqgzKAYE5YyNxSElwhS59lXuePqWOrT82PPfpiPKMcDOY+ji4XOHa4CN58V  
 3EsbjnyL3jLn+sjob2vDo17GRHmw3MVS2vFlyEgqx5lDWuP/ZZXj5tR+/  
 7EyHUVH78XlBLXc8+3mR3YGLJZrswxancS8/G09MDH/k69vTeQlt1yUsf/  
 zW6PQoT2Qoxm9lnZ7oGZdqWRkFEXP7gF2it0btNnyQUUTF5XKBfMC6mjP9JZfIKPFW6nDd/  
 WRUdRfY0xQjC3vqqnJlfas5BzJA68/wGJJRBeawa6mV0ErtGNI+79Si4RezNmiMIE7lad1eiJin/  
 CgW4b4fa++dtzPLpXdFcTqUvCtDSiZ/Ak08Z2uMCDD1S1F9Dbyq/DhF0GbtGk5Ei03n+sKGjlo//  
 AHXMMj3sio3+3dLsuJBcdjz4WrEzmd8S0ri/rMeENCOAHogVeDdT5/  
 tRQKmeHRg924buHFZj07pw52onTUE9m8k+UbBMN7xamjPd0YPvzTdlJ3sKsp0zp+bOuRL4q4qbH  
 sEimgJbqt/G6b/  
 OP7pXTa+HBTCWIS5oDSZMX21bswLOnMOt6q2eU35zyZBM+pHFmAkWfBhSHVXPcCdUR4e5hW  
 hRraYG1U5AzM3SHZNHDqVDOrxSWH8PcjNnmHJ4vkh5mTnBPD11SgBz8maHFhMJ86vFXVsVo1o  
 /kJvi/OBDyljA6xFMUz+wKMIG6/Hxe490YQx71qFMC5N8+/IsbnqdkqjeHQ945wb/  
 s5oZzTJfZzDQCmBGKvdvWPLYDxkjtZP+qxWy5H3S7yywbzRP7eyCCH9rXZj6Msmf9sZm2NLN0bOT  
 ySWhMBic8SuVJkZwQ6G5nmENjaPvGfKJS/C40DDuvfBYcUzkgH/fkQCgz+galPy2/  
 bHHLFwojuqTuccy6TN3EWRoJg2BSPntBqAM4Qxv3Jbu68xEyjWAKqjOR+g55qAezyAF6OrlsBnDM  
 u97zm1jF1mUml5qKNkv+niX2UDLxYkxb1uatdU/  
 4VaA+4nnt3IO6jmyrbN5otW55P1Bt0H+fg2efcEzY3JGWuets5ty3xSSzT26GnJSbLY9j3TGcsJte5G+8  
 jBVGyf2xRHGS1omdVIZU0jb0cxDrbX+UsfGmmCW9xNCFu11OWbS1DMxQ8kTXEoZYHiUpl13Tkvt  
 rYhOd6k/rFHyO3G/eZkDSYwW6tiUKsKSCmOglzd6esDuvPi3GFDtce9fCS+ftQ/YOvdD6+bCR/  
 FXG0RPkb7E85AVYV9TRFDLftpj7/vq6KBbvlvLaloErAnBjcozgh4A/  
 Z1blsnjk9RCsHySyUmd70W5+MnZ++WXBOWEitEJtDopJ/  
 VzQ8mq1J19V5t4utdVITLgUvsJCrTbjzo/W8p82j/  
 pjs8s4T2NPJfaJVB3wmC4j390ijVleH5hAnKXCuH8hACZat1Djb5tTJDDM6dkRMK/kvWICZyN/  
 LfqZl9EbnMSJtOODicdHSSC/cRf/ckuWdvt28RIT44dvUzIFd0am8J+I3KjzOZGqBpF7fy7I5Us/  
 OpzeaUm9qSq6yUu2YSuxcwCtfc3m3KcFU76RI01L//  
 Zkv3W+g4oCc+khSUJqFYBSt3fMDhjxqjXy3bVwVHTzkAGVqsTCP1Fcyav5vouGJ1q2N1cgoSOWPz8  
 lVIWWxg/IDIOPPA7vkjw8l3/  
 rq9+SCHDYf74nq+gNI8nB1ehDpajOVDI37HByLk5wqj568oAC+6LSwE8ezLqnozFD2E16giZrmiq42F  
 87QJEn4EXv+PyRrtOCdaJG76iquGFrQIKKSJGssSJJEUqcb/  
 GcGnA9c5J1+XWjwMG7EJtn1dFK83iPoQtJ4jzeWmvMOcsQ71O+9oXPEESvZN3FvUaLTAdJnuu78Z  
 VXbSpOgTZUwDPanPkbV8clbTFx1nGO2b9cTR8PJvoRLXJOb043V07E0OKTBI529WAUG1iRtV7gTCf  
 +oFzuXcezd/ZL5Sck+OmknDcY5Wg==</BBPBillPaymentEnquiryRequestBodyEncrypted>  
 </BBPBillPaymentEnquiryRequest>

### Encrypted JSON request sample

```
{
  "BBPBillPaymentEnquiryRequest": {
    "SubHeader": {
      "requestUUID": "1",
      "serviceRequestId": "2",
      "serviceRequestVersion": "3",
      "channelId": "FC"
    }
  }
}
```

```

    },
    "BBPBillPaymentEnquiryRequestBodyEncrypted":
    "b+0lpL43TI6X5XfennyuFOvOewY32gx2YNGFs0t96MAvB41jh2jHv+ybnXzWS5uQbzdZnb+94hsyff
    E5OuQDE9ADYEn0eQWCnkat0HfqTq5Lg/
    6zLV2MMzP4KKUyKdhM4J0ChNDDk4LG+uUK7rrFm7r3U+kZLwfXsWnBDjJXCraadVL7SXX67R4ui
    Nt9tmh93gkPTuLkzploZWzj8SJ3V6n7HyOibuOWgdtycjnx32KZMFPi2rdiFoeP9NSIQs7jZYhPtgnF
    bB2Oc0BAAbOJDbsDu6gu+YjysLDff7mJnqLaKMcxx8KO5KWSrB/
    ZMcYgUuCMRsTdy10vveYupTYgKWMk1af25stXG7cWBovBW9wCKwQV6vuWe5SoBqdCYUoWH
    9Nf9cVOip8cen2k6tOwxVcCcyOunJGlfv4P3ec7eVajtmsfERTwYWEITIWnUSFuiSHHrbkCPGk+U1
    BXwvcF1lM72V56bGZpMDGILHO4b3+jLk+B0nmj7GfdhUffT3FIY2BA3s4VOLxrc+B+MyszGcom
    mMLE8ZX6ANcc6LlOkOcNVkkvpJY3SB7q1LNPNaXrHnciQWLxSTrfE1n+l2ArOACsyg4sdaKeCySBw
    8BLAevQlowtOclD9tY9aBoBTwqDbI9lsu1EBFdXJ5oMOOQkDXTsTqqvw5/
    Z+rluNB0tU5j32PflWlta743PHrnHRHlcOeGjQQES6+4f7VnXq+0yw7Xia+R/
    mry8NRt2hxp8asNyfX4URh8xZ3tBvww/
    blofFgQe4lqn309YY2gHmniO06DH4H0qqaF69j7S2eZwqQo4xlrDxnHjgn4RNkq/mQRpi/
    M72apo6VEvwndLli1wVtsKdrINOaoe1vAO4c+6UL2+p3RphoxS6Zb9pPm3VIFDmUaer0vB1xAecf
    8M42fUwsXTzXxc9/
    YAhOk1Pi1WgyV3HIXsWJs0FxxRgfG91WNhuK9KyoNxLo0PgByiRwQbkeMAzrGDVxUBuqKSWPDK
    /
    egR1WrMv2LV3sKK07kfA5yGzBfRQZmAqhwmOYRp+FTFQayGslz96ca21D9srJWOpGwU+oUDr+3
    Vhrwq5lCMx+NU3q81Qk+kRavBdO/HiVWMH12FN/
    XNkyABUrF0SizbfQgr8kYFOA06LNHJ+30kbNbMfmX5AT6TRLhi6Bb2yuJcdycDGebab5tMLJLajMS5
    qo22xIk3KiFyFoB2LH9P9EsNJRLVsxha/
    jwBfRvOPLZ3Vt8EGlOdI2Jfv1Q1KX2UQjC9LXntMMdngRiO2ThfVLz7BjJ+2rBuYMqzyqng7lvzSoFq
    R77WTL544lqno4uv/
    ZFypHd0iwF9Oor8FzA9o2t44KHtwHeVtvbpgWe8uR3j7tPE8dOfyNDCruvkvxMreDk1Y2uCiHO1An
    fTV/
    JbOzh2xEZ37upcGlfzjn2h3oqBBVhBPXh3HsX5CD5GSr8wupK5UYEgu9fjRaOFh4IeCNU7CslaHkW
    0Ao8zUuXvXtRb49eWzJ3GA5LJsPj0YafXgZg0HxdrEO/
    aRnBVEG+NXfL5/4gDLJgxqzONvnaV4j7VMr1VKMbl1H6au4zatOyL/
    Q8hShiapMw9oTX3HN41N99uFwSHCSD0YeDVCfUUXv8l5IV+sh5XKYyixE6h3jsMghBjYONVkuWT
    oYvKdXuyjR6Vu7SM+rviOJxj7BWwhp6dmT4zpXq5KhGkfpVqaN5nnyKmpwfiQOX5viFSbNccOQdn
    KiYUc+9EBrEFra+P9LJqQJWFKhiH9NB0gktGORzcDGCx38WogNxxzGXC101GApXqQ+0eQFms0Fr
    R60VIEHAbJdKjjzhf6Uk9++/nhwids9Uc9yYeEejJTA"
    }
}

```

**Non-encrypted response body fields**

API Connect fields	Type	Repeating	Mandatory for business processing	Description
BBPBillPaymentEnquiry	complex		Y	



Response				
BBPBillPaymentEnquiry ResponseBody	complex		Y	
OutPaymentEnquiry	complex	Y	Y	
intRemRef	integer	Y		
remOrdDate	string	Y		Date of Payment made
remCustAccount	string	Y		Debtor account number
transactionReference Number	string	Y	Y	12 digit Transaction ID sent to NPCI at the time of payment
preBookedFlag	string	Y		1- Pre-booked 2- Normal
corporationCode	string	Y	Y	Biller Code
billerName	string	Y	Y	Biller Name
transactionReference	string	Y	Y	12 digit Transaction ID sent to NPCI at the time of payment
amount	decimal	Y		Amount of payment made
levelCode1	string	Y		Level code
levelCode2	string	Y		Level code
levelCode3	string	Y		Level code
levelCode4	string	Y		Level code
levelCode5	string	Y		Level code
levelCode6	string	Y		Level code
levelCode7	string	Y		Level code
levelCode8	string	Y		Level code
levelCode9	string	Y		Level code
levelCode10	string	Y		Level code
levelCode11	string	Y		Level code
levelCode12	string	Y		Level code
levelDesc1	string	Y		Level description
levelDesc2	string	Y		Level description
levelDesc3	string	Y		Level description
levelDesc4	string	Y		Level description

levelDesc5	string	Y		Level description
levelDesc6	string	Y		Level description
levelDesc7	string	Y		Level description
levelDesc8	string	Y		Level description
levelDesc9	string	Y		Level description
levelDesc10	string	Y		Level description
levelDesc11	string	Y		Level description
levelDesc12	string	Y		Level description
billNumber	string	Y	Y	Invoice number
clientCode	string	Y	Y	Client reference number
fromAccountNumber	string	Y	Y	Account number from which payment is made
paymentStatus	integer	Y	Y	Status of payment
paymentMode	string	Y	Y	Mode through which payment was made
paymentChannel	string	Y	Y	Channel through which payment was made
level1Code	string	Y	Y	Level code
level2Code	string	Y		Level code
level3Code	string	Y		Level code
level4Code	string	Y		Level code
level5Code	string	Y		Level code
level6Code	string	Y		Level code
level7Code	string	Y		Level code
level8Code	string	Y		Level code
level9Code	string	Y		Level code
level10Code	string	Y		Level code
level11Code	string	Y		Level code
level12Code	string	Y		Level code
level1Desc	string	Y		Level Discription
level2Desc	string	Y		Level Discription
level3Desc	string	Y		Level Discription

level4Desc	string	Y		Level Discription
level5Desc	string	Y		Level Discription
level6Desc	string	Y		Level Discription
level7Desc	string	Y		Level Discription
level8Desc	string	Y		Level Discription
level9Desc	string	Y		Level Discription
level10Desc	string	Y		Level Discription
level11Desc	string	Y		Level Discription
level12Desc	string	Y		Level Discription
errorId	string	Y		Error code
errorDesc	string	Y		Error Description
BillerStatus	complex		Y	
successFlag	integer		Y	1 if successful and 2 if unsuccessful
BillerResponse	complex		Y	
errorId	string		Y	Error Id
errorDesc	string		Y	Error Description
checksum	string		Y	Checksum
encryptedToken	string		Y	Encryption token

Note: CHKSUM\_KEY and ENC\_KEY will provided through mail

### Non-encrypted XML response sample

```
<BBPBillPaymentEnquiryResponse>
  <SubHeader>
    <RequestUUID>1</RequestUUID>
    <ServiceRequestId>2</ServiceRequestId>
    <ServiceRequestVersion>3</ServiceRequestVersion>
    <ChannelId>FC</ChannelId>
  </SubHeader>
  <BBPBillPaymentEnquiryResponseBody>
    <Status>
      <successFlag>1</successFlag>
    </Status>
    <Response>
      <errorId>ERR999</errorId>
    </Response>
  </BBPBillPaymentEnquiryResponseBody>
</BBPBillPaymentEnquiryResponse>
```

```

    <errorDesc>Success</errorDesc>

<checksum>4dae1ee942322e36564b75ad0139b5ba8e61809ea2428a7a3e84be232888bae0</
checksum>
    <encToken>5NohwA65HK6NhTYE5R/nspsK4Sjs0+FCINcg4nFki7sUHv4DM/kxYAue/
UrqkYj6/sEXfof4JytQQuCiPkbJi3q8bhPMiwV9aKqo/
ftVAaeVPqhrircW6HNcsr3Yf1BzfGks4FXRFflThkGZxKp42w==</encToken>
</Response>

    <!--Zero or more repetition -->
<OutPaymentEnquiry>
    <remOrdDate>20170830</remOrdDate>
    <remCustAccount>063010100183666</remCustAccount>
    <transactionReferenceNumber>AX0100130402</transactionReferenceNumber>
    <preBookedFlag>1</preBookedFlag>
    <corporationCode>OTME00005XXZ43</corporationCode>
    <billerName>OTME</billerName>
    <transactionReference>AX0100130402</transactionReference>
    <amount>1000</amount>
    <billerId>OTME00005XXZ43</billerId>
    <levelCode1>20</levelCode1>
    <levelCode2>ALL</levelCode2>
    <levelCode3>30</levelCode3>
    <levelCode4>40</levelCode4>
    <levelCode5>50</levelCode5>
    <levelDesc1>a b</levelDesc1>
    <levelDesc2>National</levelDesc2>
    <levelDesc3>a b c</levelDesc3>
    <levelDesc4>a b c d</levelDesc4>
    <levelDesc5>a b c d e</levelDesc5>
    <clientCode>545</clientCode>
    <paymentStatus>5</paymentStatus>
    <paymentMode>5</paymentMode>
    <paymentChannel>INT</paymentChannel>
</OutPaymentEnquiry>

</BBPBillPaymentEnquiryResponseBody>
</BBPBillPaymentEnquiryResponse>

```

### Non-encrypted JSON response sample

```

{
  "BBPBillPaymentEnquiryResponse": {
    "SubHeader": {

```

```

    "RequestUUID": "1",
    "ServiceRequestId": "2",
    "ServiceRequestVersion": "3",
    "ChannelId": "FC"
  },
  "BBPBillPaymentEnquiryResponseBody": {
    "Status": {
      "successFlag": "1"
    },
    "Response": {
      "errorId": "ERR999",
      "errorDesc": "Success",
      "checksum":
"4dae1ee942322e36564b75ad0139b5ba8e61809ea2428a7a3e84be232888bae0",
      "encToken":
"5NohwA65HK6NhTYE5R/nspsK4Sjs0+FCINcg4nFki7sUHv4DM/kxYAue/UrqkYj6/
sEXfof4JytQQuCiPkbJi3q8bhPMiwV9aKqo/
ftVAaeVPqhrrrcW6HNcsr3Yf1BzfGks4FXRFflThkGZxKp42w=="
    },
    "OutPaymentEnquiry": {
      "remOrdDate": "20170830",
      "remCustAccount": "063010100183666",
      "transactionReferenceNumber": "AX0100130402",
      "preBookedFlag": "1",
      "corporationCode": "OTME00005XXZ43",
      "billerName": "OTME",
      "transactionReference": "AX0100130402",
      "amount": "1000",
      "billerId": "OTME00005XXZ43",
      "levelCode1": "20",
      "levelCode2": "ALL",
      "levelCode3": "30",
      "levelCode4": "40",
      "levelCode5": "50",
      "levelDesc1": "a b",
      "levelDesc2": "National",
      "levelDesc3": "a b c",
      "levelDesc4": "a b c d",
      "levelDesc5": "a b c d e",
      "clientCode": "545",
      "paymentStatus": "5",
      "paymentMode": "5",
      "paymentChannel": "INT"
    }
  }
}

```

```

    }
  }
}

```

### Encrypted response body fields

Field	Repeating	Mandatory for business processing	Description
BBPBillPaymentEnquiryResponse		Y	
BBPBillPaymentEnquiryResponseBodyEncrypted		Y	Encrypted Response Payload Data

### Encrypted response XML sample

```

<BBPBillPaymentEnquiryResponse>
  <SubHeader>
    <requestUUID>1</requestUUID>
    <serviceRequestId>2</serviceRequestId>
    <serviceRequestVersion>3</serviceRequestVersion>
    <channelId>FC</channelId>
  </SubHeader>

  <BBPBillPaymentEnquiryResponseBodyEncrypted>PpKtf4kSrCST4WkkVcndgLmHWAMfyRw9ON
  /
  LkwGuWw4JpWFRj0SUdHVrtYh5DFCgDtC57JXhSr0Yc37MqtprUVT0sbjHK5WmXHx1qjBSKSePo1f
  s1grgW2bbabOH1/qj/gBC5o/JRRd8UAUqjnP1N/
  t59zyRIu+F+JFApuBowBxPbjNt+jMB2yxCJcr1JnuLS4DcEPOuV8Xwla7/
  RQK0qx6qQWuxeSbF2+ZTvAqYV7GIV8bd3r4tZMeqTh+k0EUUM+D3TUDBNLdZGdAqJtK4/
  KE6M1Mvw1I5Yza0d4ytr1xaaz6RCwo+5SDTcRTdilrzCS5/
  jkwesPJcrhQDtb1v9aetsFa5P+GkR5DP3SuB/dLpWF9IciouNFSiYfo7HXuuvY/
  tfZAFqDJ16fYwWdJ8fVnh/
  6yh7S5sCPICsBtsT+QecdCSzWL3+gW9tKH4HqCcrRHP7GGae4Raeq0p7m2Xztct4biXoCjPTmPpfajJ
  RxhUBK7Kzy9OaZRGtG7BEDkX</BBPBillPaymentEnquiryResponseBodyEncrypted>
</BBPBillPaymentEnquiryResponse>

```

### Encrypted response JSON sample

```

{

```

```

"BBPBillPaymentEnquiryResponse": {
  "SubHeader": {
    "requestUUID": "1",
    "serviceRequestId": "2",
    "serviceRequestVersion": "3",
    "channelId": "FC"
  },
  "BBPBillPaymentEnquiryResponseBodyEncrypted":
  "nrj4L8cphQg7tRUJh7GALSen4qEyLEG7sOzHF7InDe7Y9EbS9krq/0W3pWKSskKVyKVkowPAKhU67
VDMVF2unliQI0OD65ADS3hbOAonPoObBxjrdmox/
bn2CepxxhQxs7TbQtGsRYDdema5bV+eIMpGUVuw+ubtWx/
4lQ8ZOiG02r33zNCrranQLHYlyT7KX3exZP3t/
UNTuvfAQJi04DZUKfHyO+Wj1A5AQAhTQK3vGm5/
dsNDL65vJJJ9Z5GGsCxK00ehUZNQ2jR7hvECB4YNpvfCJq4smDIW12H2dbKVq14WQivkmqmDoh
kM3PSdG6WGbETQAoJI6DD5VpPGw=="
}
}

```

### Error Codes and Description

Error Id	Error Description
ERR000	No data found
ERR120	Checksum is invalid
ERR121	Encryption token Is invalid.
ERR122	Cust CIF/mobile Number/Email Id is Mandatory
ERR123	Checksum is not specified
ERR124	Encryption is not specified
ERR126	Checksum and Encryption token is invalid
ERR201	Channel Id is not specified
ERR999	Success
PYMT001	Both From date and To Date are required
ERR186	WebApplication Authantication failed
ERR187	Username and password required for basic authentication
ERR189	XSD Schema Validation Failure!

### Status and Description

stat	Description
5	Settled
6	Cancelled
21	Execution Awaited
22	Authorization Awaited

23	Executed
----	----------



## 10.BillerRegEnquiry

### URL

<https://sakshamuat.axisbank.co.in/gateway/api/v2/bbp/billerregenquiry>

### Non-encrypted Request body fields

API Connect fields	Type	Repeating	Mandatory for business processing	Description
BBPBillerRegEnquiryRequest	complex		Y	
BBPBillerRegEnquiryRequest Body	complex		Y	
BillerListEnqReq	complex		Y	
consumerNum	string			Client Code
status	integer			Status of customer Registration
cashAcntNum	string			Account number
custCif	string		Y	Customer CIF (as per discussion either CIF/Mobile or email should be a mandatory field for this service.
billerName	string			Biller Name
nickName	string			Nick Name of Biller
chnlId	string		Y	Channel Id
mobileNo	string			Mobile number (as per discussion either CIF/Mobile or email should be a mandatory field for this service.
emailId	string			Email (as per discussion either CIF/Mobile or email should be a mandatory field for this service
masterType	integer		Y	Master type

adhocFlag	integer			Flag identifying the type of Biller Registration. Possible values:  1 - Adhoc Payment 2 – Presentment Exact 3 - Both 4 - Presentment- Exact Up 5 - Presentment Exact Down 6- Presentment and Adhoc payment
extRefNum	string			Unique identification Number passed by EPH to channels at the time of Registration submit.
checksum	string		Y	Checksum(SHA256) generation and validation on below attributes chnlId + custCif + mobileNo + emailId + masterType + corporateCode + consumerNum + extRefNum + CHKSUM_KEY
encryptToken	string		Y	Encryption/ Decryption(AES256) on below attributes:: chnlId + custCif + mobileNo + emailId + masterType + corporateCode + consumerNum + extRefNum + ENC_KEY
pageSize	integer			Page size
pageNum	integer			Page Number
pagesToExport	integer			Pages to export

Note:chnlId, CHKSUM\_KEY and ENC\_KEY will provided through mail

#### Non-encrypted XML request sample

```
<BBPBillerRegEnquiryRequest>
  <SubHeader>
```

```

<requestUUID>123</requestUUID>
<serviceRequestId>AE.ATM.IRIS.SDBSP.001</serviceRequestId>
<serviceRequestVersion>1.0</serviceRequestVersion>
<channelId>FC</channelId>
</SubHeader>
<BBPBillerRegEnquiryRequestBody>
  <BillerListEnqReq>
    <consumerNum></consumerNum>
      <status></status>
      <cashAcntNum></cashAcntNum>
      <custCif>DDD</custCif>
      <billerName></billerName>
      <nickName></nickName>
      <chnlId>620</chnlId>
      <mobileNo></mobileNo>
      <emailId></emailId>
      <masterType>5</masterType>
      <corporateCode></corporateCode>
      <extRefNum></extRefNum>
    </BillerListEnqReq>
  </BBPBillerRegEnquiryRequestBody>
</BBPBillerRegEnquiryRequest>
<checksum>65e344e15209d1c720718961a54504ecfc32aae8386621cc62216f752ceabe4a</
checksum>
  <encryptToken>7aEBcq9gdGZHMIYPKxpKe8eF2wWodZmvSzPsfmRL5DU=</encryptToken>
</BillerListEnqReq>
<pageSize>2</pageSize>
<pageNum>0</pageNum>
<pagesToExport>1</pagesToExport>
<userId></userId>
</BBPBillerRegEnquiryRequestBody>
</BBPBillerRegEnquiryRequest>

```

### Non-encrypted JSON request sample

```

{
  "BBPBillerRegEnquiryRequest": {
    "SubHeader": {
      "requestUUID": "123",
      "serviceRequestId": "AE.ATM.IRIS.SDBSP.001",
      "serviceRequestVersion": "1.0",
      "channelId": "FC"
    },
    "BBPBillerRegEnquiryRequestBody": {
      "BillerListEnqReq": {

```

```

    "custCif": "DDD",
    "chnlId": "620",
    "masterType": "5",
    "checksum":
"65e344e15209d1c720718961a54504ecfc32aae8386621cc62216f752ceabe4a",
    "encryptToken": "7aEBcq9gdGZHMIYPKxpKe8eF2wWodZmvSzPsfmRL5DU="
  },
  "pageSize": "2",
  "pageNum": "0",
  "pagesToExport": "1"
}
}
}

```

### Encrypted request body fields

Field	Repeating	Mandatory for business processing	Description
BBPBillerRegEnquiryRequest			
BBPBillerRegEnquiryRequestBody Encrypted			
-----Encrypted payload-----		M	Encrypted Request Payload Data

### Encrypted XML request sample

```
<BBPBillerRegEnquiryRequest>
```

```
  <SubHeader>
```

```
    <requestUUID>123</requestUUID>
```

```
    <serviceRequestId>AE.ATM.IRIS.SDBSP.001</serviceRequestId>
```

```
    <serviceRequestVersion>1.0</serviceRequestVersion>
```

```
    <channelId>FC</channelId>
```

```
  </SubHeader>
```

```

<BBPBillerRegEnquiryRequestBodyEncrypted>wL1Mfqe0sb/7M1bBIAMtVQR0EfcAwmkHLC6zdZ
VFk4SIEwvKg/
YgPWaNM0LuZu2AZjz73ARf0t6QwWqlqjYPXJxGZySEPeZg5+vSMmXX3kP1XpyG6JLf+K6cRwGi9c4
hbCISJ7d2g8eHJh8KPqX/XzVpbD4yW/mEDon6uwqdIUZjodc73eBvlvPoeBQj69TwUf/
F0cb8VFzQaAvj7UOmmtzDi8/CcvMqNcjeEwMXjWFhDjbIVjt6I6On2LPWvcGAYOKoLUDlIr/

```

```
i4QL7yv7kiFqJu3ELQTIZ7F8znDvlv9ogrRSXKNDluHm5QwrYwMiLz+MwBPt8Ce9IcaMtaqNSGwVp
VBjR/NDpYFAj+fgFoVuR+VcMFvRY73k2rb/
7TUhwBq20Q6gU9bzWeJ+b2elOFeZNqfJFuvKxIY+ycitiOEu1hP0d/
JtTb4Mdwpm6/24M0xlud62kpvtdUW3IH1/2vgmDUI9ULDnf8hEgF/
AlmB9uDIJoT6yK6bwU+t4aGqDIkWbmVbnZeobx1ryx9KWmVmaALxtOAGWEP8o+h5MGsD9WHJ
uozMlmiKWqJ97yosiPmn4YA9EqT3dWLFtYswLMLya4nDeABQ+Aoo0Ubei8LS35y0GOzs2Mn/
kkHHMfPDkm4QPhKF9qV6nuQLCln4IX6v2BCgywgFwa7ADo4Su5QoG00IA9WXcdz9j6GXLvgZQw
+XTxFN4IHYY1pkP2w1Z3INxgwFw2yQpEyLWlBwGm3TfuXnNJ/
H+gQ70GZwJBIPWQJNBtUCgb1uJXQks9by//2Nfw2zi3UFGABbNUQtZlxd/
bgaW6L4W6tr1nVXUKLm9z4hXYbgT0YxVben1yIAugEgyuFgFb8OKPccP7EBj2AOxRUTCUXUacpu
NQdH1Cf46mV1zYQwHh0jeTaO7QWSwV0VZfyPS5voM2bEc5lt+ceZCwYgkpXxkJgfl81sRw5kuX0h
J6tm0HktyydwelRfgXxWZi7CX1zQclgvv8l/kiysJRW6Ff63GoF1jdrSo/
4CmKLDS2lxNJ40ddrkNQo3E05xBWfJQ9z8oMQ9dWAYoY+9kTA8hypGfBpUiUkwErmu3zytLL4a
MBzyQ7eD6XimnE15x8XT69+gpoF5eCwhbBYw=</BBPBillerRegEnquiryRequestBodyEncrypted>
</BBPBillerRegEnquiryRequest>
```

**Encrypted JSON request sample**

```
{
  "BBPBillerRegEnquiryRequest": {
    "SubHeader": {
      "requestUUID": "123",
      "serviceRequestId": "AE.ATM.IRIS.SDBSP.001",
      "serviceRequestVersion": "1.0",
      "channelId": "FC"
    },
    "BBPBillerRegEnquiryRequestBodyEncrypted":
"/RY0oY33sNbm1Bm3EXvuJGU80iYi2YeYw0RTcg59bxXtEFTwBkucn10tV7eJU6D4LETPFdcrcXJelvpX
SvlVxZ6WeGaFg8Pa2kOhZNq+kAFAlJktyySKMLqIpkvG4E//v7RJgNojydtx/
EsgOWfzQhKIYGxdIVRTtrqMlyc2BDB+FlxxZciCkWAUBADzFthvBhhRILtGk3C6Ntz8Mxl3HEt0tzHQj
M3mjApuJWHB7fJBBzos2iuzvU1SxjU811X4MY5dJ0xQ+W/YG25g6lxVl/r/
QUdbIpcY8k1zdFhMouTTMe3fBtVm6Mdw66YuUqbsx/
+eKxgyVr8mnGJg999CFCotIOGmvSzUVKmBIU1HRHZZwfRAZYN9RzBuPFzPge8IZ"
  }
}
```

**Non-encrypted Response body fields**

API Connect fields	Type	Repeating	Mandatory for business processing	Description
BBPBillerRegEnquiryResponse	complex		Y	

BBPBillerRegEnquiryResponseBody	complex		Y	
BillerListEnqRespArray	complex		Y	
BillerListEnqResp	complex	Y	Y	
billerCode	string	Y	Y	Biller Code
billerName	string	Y	Y	Biller Name
billerLoc	string	Y		
consumerNum	string	Y	Y	Client reference number
nickName	string	Y		Nick Name of biller
autoPayFlag	integer	Y		Auto pay flag
autoPayLimit	decimal	Y		Auto pay limit
acctNum	string	Y		Account Number
mobNum	string	Y		Mobile Number of Biller
emailAddr	string	Y		Email Address of Biller
status	integer	Y	Y	Status of customer Registration
seqId	integer	Y		registration seq id
regDt	date	Y	Y	Registration date
level1Code	string	Y		Level code
level2Code	string	Y		Level code
level3Code	string	Y		Level code
level4Code	string	Y		Level code
level5Code	string	Y		Level code
level6Code	string	Y		Level code
level7Code	string	Y		Level code
level8Code	string	Y		Level code
level9Code	string	Y		Level code
level10Code	string	Y		Level code
level11Code	string	Y		Level code
level12Code	string	Y		Level code
level1Desc	string	Y		Level description
level2Desc	string	Y		Level description

level3Desc	string	Y		Level description
level4Desc	string	Y		Level description
level5Desc	string	Y		Level description
level6Desc	string	Y		Level description
level7Desc	string	Y		Level description
level8Desc	string	Y		Level description
level9Desc	string	Y		Level description
level10Desc	string	Y		Level description
level11Desc	string	Y		Level description
level12Desc	string	Y		Level description
rsrvdStr1	string	Y		EPH generated unique reference
rsrvdStr2	string	Y		Event Status
rsrvdStr3	string	Y		Rejection Reason
rsrvdNum1	integer	Y		
rsrvdNum2	integer	Y		Account Type
rsrvdNum3	integer	Y		Walk-In Customer Flag
billerCodeDesc	string	Y		Biller Code description
clientCodeDesc	string	Y		Client Code description
autoBillfetch	string	Y		Auto bill fetch flag (Consent for Auto fetch)
walkInCustomerFlag	string	Y		Walk-In Customer Flag
BillerStatus	complex		Y	
successFlag	integer		Y	1 if successful and 2 if unsuccessful
BillerResponse	complex		Y	
errorId	string		Y	Error Id
errorDesc	string		Y	Error Description
checksum	string		Y	Encryption/ Decryption(AES256) on below attributes CHNL_ID+ cust_Cif+ Mobile

				Number+ email ID+ mastr_Type+ Corporate Code+ client_Code+ EXT_REF_NUM+DEFAULT CHKSUM KEY
encryptedToken	string		Y	Encryption/ Decryption(AES256) on below attributes:: CHNL_ID+cust_Cif+ Mobile Number+ email ID+ mastr_Type+ Corporate Code+ client_Code+ EXT_REF_NUM+DEFAULT CHKSUM ENCRYPTION KEY

### Non-encrypted XML response sample

```

<BBPBillerRegEnquiryResponse>
  <SubHeader>
    <requestUUID>123</requestUUID>
    <serviceRequestId>AE.ATM.IRIS.SDBSP.001</serviceRequestId>
    <serviceRequestVersion>1.0</serviceRequestVersion>
    <channelId>FC</channelId>
  </SubHeader>
  <BBPBillerRegEnquiryResponseBody>
    <BillerResponse>
      <errorId>ERR999</errorId>
      <errorDesc>Success</errorDesc>
    </BillerResponse>
    <checksum>4f5b3de68334f566d73f926aa6622ab0e49dc96d35724739b8755cd9433dd89b</checksum>
    <encryptToken>wPm+gLFMDx5TPEGlv6JB3KmDlpYMwd6C7sqn6WoQAvRiF4e9RTkKy50nHbmyC
    JfJma7ekmi6h/gRHvEnkLM3Q==</encryptToken>
  </BillerResponse>
  <BillerStatus>
    <successFlag>1</successFlag>
  </BillerStatus>
  <BillerListEnqRespArray>
    <BillerListEnqResp>
      <billerCode>OTOE00005XXZ43</billerCode>
      <billerName>OTOE</billerName>
      <consumerNum>10</consumerNum>
    </BillerListEnqResp>
  </BillerListEnqRespArray>
</BBPBillerRegEnquiryResponseBody>
</BBPBillerRegEnquiryResponse>

```



```

    <autoPayFlag>2</autoPayFlag>
    <seqId>2206338</seqId>
    <regDt>20171212</regDt>
    <level1Code>20</level1Code>
    <level2Code>NAT</level2Code>
    <level3Code>30</level3Code>
    <level4Code>40</level4Code>
    <level5Code>50</level5Code>
    <level1Desc>a b</level1Desc>
    <level3Desc>a b c</level3Desc>
    <level4Desc>a b c d</level4Desc>
    <level5Desc>a b c d e</level5Desc>
    <autoBillfetch></autoBillfetch>
    <walkInCustomerFlag></walkInCustomerFlag>
  </BillerListEnqResp>
  <BillerListEnqResp>
    <billerCode>OTOE00005XXZ43</billerCode>
    <billerName>OTOE</billerName>
    <consumerNum>10</consumerNum>
    <autoPayFlag>2</autoPayFlag>
    <seqId>2206337</seqId>
    <regDt>20171212</regDt>
    <level1Code>20</level1Code>
    <level2Code>NAT</level2Code>
    <level3Code>30</level3Code>
    <level4Code>40</level4Code>
    <level5Code>50</level5Code>
    <level1Desc>a b</level1Desc>
    <level3Desc>a b c</level3Desc>
    <level4Desc>a b c d</level4Desc>
    <level5Desc>a b c d e</level5Desc>
    <autoBillfetch></autoBillfetch>

    <walkInCustomerFlag></walkInCustomerFlag>

  </BillerListEnqResp>
</BillerListEnqRespArray>
</BBPBillerRegEnquiryResponseBody>
</BBPBillerRegEnquiryResponse>

```

### Non-encrypted JSON response sample

```
{
```

```
"BBPBillerRegEnquiryResponse": {
  "SubHeader": {
    "requestUUID": "123",
    "serviceRequestId": "AE.ATM.IRIS.SDBSP.001",
    "serviceRequestVersion": "1.0",
    "channelId": "FC"
  },
  "BBPBillerRegEnquiryResponseBody": {
    "BillerResponse": {
      "errorId": "ERR999",
      "errorDesc": "Success",
      "checksum":
"4f5b3de68334f566d73f926aa6622ab0e49dc96d35724739b8755cd9433dd89b",
      "encryptToken":
"wPm+gLFMDx5TPEglv6JB3KmDlpYMwd6C7sqn6WoQAvRiF4e9RTkKy50nHbmyCjFfJma7ekmi6h
/gRHvEnkLM3Q=="
    },
    "BillerStatus": { "successFlag": "1" },
    "BillerListEnqRespArray": {
      "BillerListEnqResp": [
        {
          "billerCode": "OTOE00005XXZ43",
          "billerName": "OTOE",
          "consumerNum": "10",
          "autoPayFlag": "2",
          "seqId": "2206338",
          "regDt": "20171212",
          "level1Code": "20",
          "level2Code": "NAT",
          "level3Code": "30",
          "level4Code": "40",
          "level5Code": "50",
          "level1Desc": "a b",
          "level3Desc": "a b c",
          "level4Desc": "a b c d",
          "level5Desc": "a b c d e",
          "autoBillfetch": "",
          "walkInCustomerFlag": ""
        }
      ],
      {
        "billerCode": "OTOE00005XXZ43",
        "billerName": "OTOE",
        "consumerNum": "10",

```

```

    "autoPayFlag": "2",
    "seqId": "2206337",
    "regDt": "20171212",
    "level1Code": "20",
    "level2Code": "NAT",
    "level3Code": "30",
    "level4Code": "40",
    "level5Code": "50",
    "level1Desc": "a b",
    "level3Desc": "a b c",
    "level4Desc": "a b c d",
    "level5Desc": "a b c d e",
    "autoBillfetch": "",
    "walkInCustomerFlag": ""
  }
]
}
}
}
}
}

```

### Encrypted response body fields

Field	Length	M/O	Description
BBPBillerRegEnquiryResponse			
BBPBillerRegEnquiryResponseBodyEncrypted			
-----Encrypted Response-----		M	Encrypted Response Payload Data

### Encrypted response XML sample

```
<BBPBillerRegEnquiryResponse>
```

```
  <SubHeader>
```

```
    <requestUUID>123</requestUUID>
```

```
    <serviceRequestId>AE.ATM.IRIS.SDBSP.001</serviceRequestId>
```

```
    <serviceRequestVersion>1.0</serviceRequestVersion>
```

```
    <channelId>FC</channelId>
```

```
  </SubHeader>
```

```
<BBPBillerRegEnquiryResponseBodyEncrypted>Kpze6QdF5NNclivwg732z/+2ieJxsZBSLCIF7936PVdFfy/
```

```

Xm8Wo75ap9ZBaxukj8tZ61O+zXXhrFIPc2y0iGFLJiEt4lt31P54nJnLulHUkaZ33L3vd52QlaZIDmfsa
n68A98YRI7Q9GI+Y84t96ScNJHf2mf0kDbpHgDUU6gkDNWnSO5fPo2kcqDbu1LnFnMjUgqUFFQ/
Lz8z6NjeyJ5mltditCYQvb6Tf1kau24Wh170i8L9DJG+2e29ldxc2/J/
fOlPwlihNHvJ6+Eic+fpNINaJj9gF0GCrSye0INTSQVNsOC1uzxKgl1FMU0juCPfeoiYeohliEXLHU/
X3EFFcj9/r5Z+H5Re/
JTNPoxB8MQqscx1oanC6erPMde29fx2qOw6NmTGGaGruPCYhX1LYgqgLvxfa1kqx/
kcSACi8BXzuBjm8BE/
Y5hpoLNNLxflE4s5MQcJrKP22XOKm+BdY1pzkvYUL3xeSdkeJ1YOjauy8MX9fanSi3HotUZtWqG3q
hnpM0gXhVDy2xD1s3n3UEKak0ZrbLJrSw+bYM4jWbXKZLhvTuiZ2OxmMAcLQCI2wpyJpsmVeQZR
kStFtcbCnxvhBALhZoqz1+MqBxbzHrMt6o4BCyTkaF9Lp2LW5SsfzwcDD0KPT80VtsdOdfy42mk6IA
d+c5J5ptZGgUJWv6qpnJ+oO0cQoG2sctrm4GVDXVwd19IfyKiz8kTARwM1encvku/
dRawf3qhOcyHBwR/ba+A0OdaeAEHh0W9NBbG4mjlqoY0SSc82DkwVBQOrCkyvmWW/
9Tdg1pOwXnkl6i7p4ikj3CHV87EGhe8tKUYRkawnWgG10CuAzLmWBybc7N/
M4lik+KW3gO3XEP41wLjNRx08BLJeBVxUEeR4GDdf501djlMbufv3KpLrFbb5H+dXqV2R00sjk12i6v
hp0zIhyX+NED/
siYx8ayR1WCt6ByWzRcMX5vrIUvuYbQEJU4x48XADN24vjhYLqSfmH6GmMKdMZf67rY92Ao7xbZ
1SGnmAxmaiSAwq4Q9D94DcByCwJaGmZ4ZfVGG5doPdkYo+szhK4Bc3FoGRVnhGMTLEa58VfOT
mOwZlyWMR7poPjtyXIUhlyBSfiYaAPDuTU7+qGe7nrIS5qHE5qVKDPIAj3cTKOHH7P6VszNEs7bTX
vVN+p5K37h6Cjl+a/TR21YymGZz0/
RV5oV5iWGDra4blk00Ni4of6r8HciTRkwhl0IG7DkmRLCeTB+LEjHfe71YLV2Cs9RhmF/
fNnJVzMR0wge3cCA4lQrtImpn0Su7HWzUHqJXxOynVrJyMu83vEYtuQRif4XokkBAjdXzG5+mbA8t
MBWJIW39Hj5hkhvWSVCWwZlrlEdvQPk5Jri5lcPI039zM89CQ/do/
J6spv4A+Z7tarH21udydSAtaBDFcfQWNi+epR2Td2NoKqoYr/
YnkT+Y8/+90+GdRRtn5IFy+VJ5fmxwbf7SCfO5eLsNSq6uy/
zXooig+5r75Zn5CQaxxet64F5EyRqSqgVBGFDjFe6lixV9HULCjRWJsstD0NuAPDEiwjrZUKwPd3AF7a
DQDtIb9SxB0SdN+
+V7n0iRBfi5yPpz6IKwaBaCsoxppGfT8HSg6MVO9Od3cF0rihGkmdBIVF98MOqacncH7FmwDMM
52xgrbOrYOLxbkhiPgBlgTrdv6iy76wOsK46P7iX8GUSQKD758tBLMrO8VzDqPNY7RQTIVia9ExRcke
hlpJgdcq3w9YyotFNRS/
FRCVoOJCh7h38UNAP94K3PEZixtlpxX707qaDx9GwIVrZsBZL5MUwmQaV+QCMCf3bLHVI/
lLsjSrTTaWiVx+08W0sdJHr69WtDR+IagTiqGTRhHxAA7OzbNicBpuuF70S62WtJMQrczDrz05GSzSP
5</BBPBillerRegEnquiryResponseBodyEncrypted>
</BBPBillerRegEnquiryResponse>

```

### Encrypted response JSON sample

```

{
  "BBPBillerRegEnquiryResponse": {
    "SubHeader": {
      "requestUUID": "123",
      "serviceRequestId": "AE.ATM.IRIS.SDBSP.001",
      "serviceRequestVersion": "1.0",
      "channelId": "FC"
    },
  },

```

```

"BBPBillerRegEnquiryResponseBodyEncrypted":
"fGwBSgY7wRE+E8C2LDe0cVYn5r9Ranq66RT0somkqRgQbA5vz5yS7l4y1Mt+noVSuUFBPRS/
G8zp3XenDW2fEbjFKlIvkSgLa/
irmpiEgMyxc4Kr0GMmbsPqwJWKYX6BPUMEBij8oEtnaaFeGVqi0Jw2ABYMPJ9hb4NuAXoTVCS6u
ROxPwHEqgYJBzE/fc00Wncn4UxIde/
hh4vgUbCHUZ3m4RdHRrFKawKgTrdFJtGkDBMIFIT6yPfJ3dRKzT9sbV9G2oVsBiW0f/
YMjx4L1p9BzvnSsT7C69QxTbV568QIKRteF+/
1DRKwYMU5R4yIYVZ0VQgJkolrDfYf7sCB608qX7HW6YBdyOnotZc/
Yv+wUAgue6wJPObIPPR5w3zEOxqEjL7wXOqI/HGhKKIq/
hd0mv0eN4+8ePyO9R4qDoG3eQYanapCmTYkbELkI9k7OnnvHvEv5TcXEzLjAB3WvnEPx6VJpT2W
TKY3DzB3tF44dFvb8vdN2za2Pu4kn547VzIFVIZFfaA4VSGuyQSfP+
+KA2g9xRZORvTOnGziOZCMNRQy7ZiVxZyHpBW7fQE7bH6vvCqm3m1mmbkAdGLbvzeeH/
6z4HmjJV4QP021Goyoj3i+t7aJexPs4Vm8dS7gbbmPsm+9k6WWTOvd/
EZx3vl6YKsbipt00hFF30QO6Av6KIwQgNCZ+aNnthEHZ6f5RlcelmJuK/
Y6qsgGrK249cndoS44eIMNoLTSYCNrbs2PC7DK/
GJV4SECRXcd1o8GBbmbaalqyFPU7UanA+xZH5H70XvdptR4CX2WPhcNos3HibRH3qpN2W3Pwm
DyLwioyJnY9I6oEIO8Q6vDexPKqtoKADtHt6ZDd5vsV2Ts4llpeNhHM4Gi9vDlzz/xE3xLPX30AQ/
kXzTale8Ryza3KQzr4vFX5GtXmvincPdji7s3TKVkdZpqP02vtG5+bU1+D1KyZJIY7EqPskM0jcemR3M
+sOeQPfs+Eck7jQfQk+1h7xZnQBS7BnyloG7eYTNVreXRcX46UYG2Ze3zKeaotODlzPvjAS/
s3c7rNdXPIClPli5hDGnAjfTQg/
8m4VRN1vD3UVabYqq1KDkvXwEDSsulvosOjQDpA9OepCwwPdXrX1GyeuT2Fwx1kcZOGxVw5EB
5iwBTXMMgWTxqDYDWFf+GCFRjoG6rnehDUtVLFf9I0RIYzIDO/
Y1hTOSuuKMWlBvPWgkzmxOpSXgsq6Lz1L2uu4xrWyskrm+pX4bh6yWGcJqJfVct6lhfBOF"
}
}

```

### Error Codes and Description

Error ID	Error Description
ERR000	No data found
ERR103	Master Type is not specified
ERR120	Checksum is Invalid
ERR121	Encryption is invalid
ERR122	Cust CIF/Mobile Number/Email is not specified
ERR123	Checksum is not specified
ERR124	Encryption is not specified
ERR126	Checksum and Encryption token is invalid
ERR201	Channel Id is not specified
ERR999	Success
ERR186	WebApplication Authantication failed
ERR187	Username and password required for basic authentication

ERR189	XSD Schema Validation Failure!
--------	--------------------------------

### Status and Description

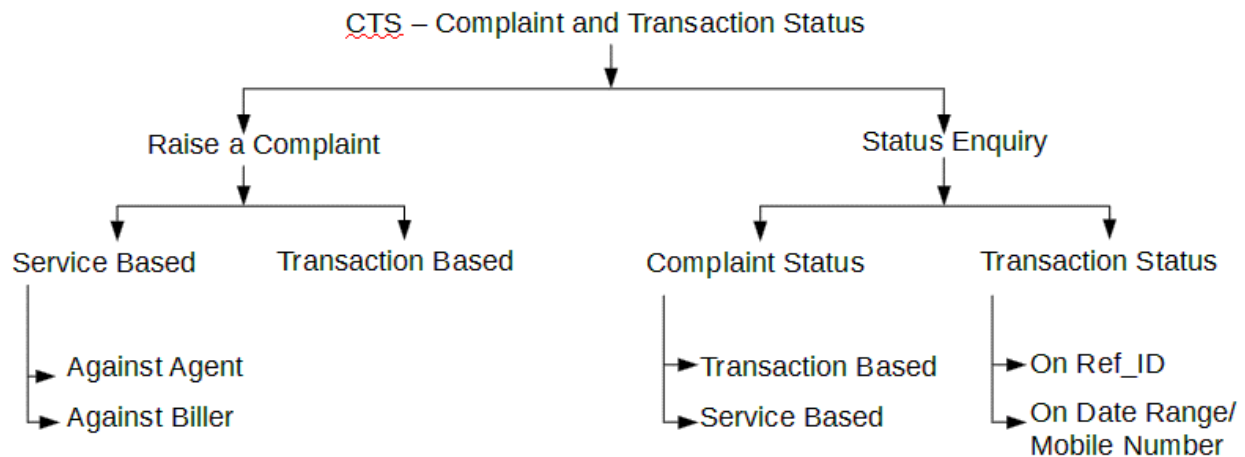
stat	Description
2	Active
4	Cancelled
502	Rejected
503	De Registered
504	Expired
507	RegAckRcvd
511	Registration NACK Retry
602	Biller Confirmation Pending
717	EPH Rejected

## 11.CTSReq

### URL

<https://sakshamuat.axisbank.co.in/gateway/api/v2/bbp/ctsreq>

### CTS Cases



### Non-encrypted request body fields

API Connect fields	Type	Repeating	Mandatory for business processing	Description
BBPCTSReqRequest	complex		Y	
BBPCTSReqRequestBody	complex		Y	
timeStamp	string			
xchangeID	integer		Y	Identification of the type of the request 501 - complaint registration 506 - Complaint status 401 - Transaction status
complaintID	string		Y	Complaint ID generated by BBPCU to check the status of a complaint. Mandatory at the

				time of complaint status search. Customer can check status of complaint either on basis of Complaint ID or combination of Mobile number & date range
servReason	integer		Y	1-Agent not willing to print receipt Agent 2-Agent misbehaved Agent 3-Agent outlet closed Agent 4-Agent denying registration of complaint Agent 5-Agent not accepting certain bills Agent 6-Agent overcharging Agent 7-Biller available. Unable to transact Biller/System 8-Multiple failure for same biller Biller/System 9-Denomination not available Biller 10-Incorrect bill details displayed Biller 11-Incomplete / No details reflecting
participantType	integer		Y	Mandatory at the time of registering service based complaints.  AGENT BILLER This is also expected to be a drop down to be maintained at channel level 1-AGENT 2-BILLER
agentID	string		Y	Required at the time of registering service based complaints against Agent
billerID	string		Y	Required at the time of registering service based



				complaints against Biller. List of BBPS billers for the category selected to be made available to the channel from our database.
mobile	integer		Y	Mandatory in case of Service based complaints
txnRefId	string		Y	Transaction reference number printed on the slip of the customer. . Transaction based customer can either enter transaction `ref ID or mobile number & date range and then select transaction ref ID against which he wishes to raise a complaint
category	string		Y	Mandatory in case of service based complaint against Biller
disposition	integer		Y	Disposition of complaint mandatory for Transaction based complaints. Customer has to select from a drop down list. Dispositions will be maintained in advance at channel level 1-Transaction Successful, account not updated 2-Amount deducted, biller account credited but transaction ID not received Transaction 3-Amount deducted, biller account not credited & transaction ID not received Transaction 4-Amount deducted multiple times Transaction 5-Double payment updated Transaction 6-Erroneously paid in wrong

				account Transaction 7-Others, provide details in description Transaction
description	string			Description of the complaint for Transaction/service based complaints.
complaintType	integer		Y	Type of complaint : 1-Transaction based 2-Service based
txnSrchFrmDt	string		Y	Mandatory at the time when user checks the transaction status on the basis of Date. Transaction search from date
txnSrchToDt	string		Y	Mandatory at the time when user checks the transaction status on the basis of Date. Transaction search to date.
checksum	string		Y	Checksum details are mentioned below
encryptedToken	string		Y	Encrypted token details are mentioned below
seqID	integer			
CTSReqNum	decimal			
refID	string			
txnID	string			
msgID	string			
chnlID	string		Y	Channel Id
ordDt	string		Y	Order Date
chnlRefNum	string		Y	Unique reference number received from channels for a request
moCTSReqVar	integer			

Note: chnIID,CHKSUM\_KEY and ENC\_KEY will provided through mail

**// CTS Transaction Status Ref ID based**

Checksum(SHA256) generation and validation on below attributes"  
chnIID + ordDt + chnlRefNum + xchangeID + mobile + txnSrchFrmDt + txnSrchToDt +  
txnRefId + CHKSUM\_KEY;  
Encryption/Decryption(AES256) on below attributes  
chnIID + ordDt + chnlRefNum + xchangeID + mobile + txnSrchFrmDt + txnSrchToDt +  
txnRefId + ENC\_KEY;

**// CTS Transaction Status Mobile Num and Date Range based**

Checksum(SHA256) generation and validation on below attributes"  
chnIID + ordDt + chnlRefNum + xchangeID + mobile + txnSrchFrmDt + txnSrchToDt +  
txnRefId + CHKSUM\_KEY;  
Encryption/Decryption(AES256) on below attributes  
chnIID + ordDt + chnlRefNum + xchangeID + mobile + txnSrchFrmDt + txnSrchToDt +  
txnRefId + ENC\_KEY;

**// CTS Complaint Registration Transaction Based**

Checksum(SHA256) generation and validation on below attributes"  
chnIID + ordDt + chnlRefNum + xchangeID + complaintType + disposition +  
CHKSUM\_KEY;  
Encryption/Decryption(AES256) on below attributes  
chnIID + ordDt + chnlRefNum + xchangeID + complaintType + disposition + ENC\_KEY;

**// CTS Complaint Registration Service Based on Biller**

Checksum(SHA256) generation and validation on below attributes"  
chnIID + ordDt + chnlRefNum + xchangeID + complaintType + mobile + participantType  
+ agentID + category + billerID + servReason + CHKSUM\_KEY;  
Encryption/Decryption(AES256) on below attributes  
chnIID + ordDt + chnlRefNum + xchangeID + complaintType + mobile + participantType  
+ agentID + category + billerID + servReason + ENC\_KEY;

**// CTS Complaint Registration Service Based on Agent**

"Checksum(SHA256) generation and validation on below attributes  
chnIID + ordDt + chnlRefNum + xchangeID + complaintType + mobile + participantType  
+ agentID + category + billerID + servReason + CHKSUM\_KEY;  
Encryption/Decryption(AES256) on below attributes  
chnIID + ordDt + chnlRefNum + xchangeID + complaintType + mobile + participantType  
+ agentID + category + billerID + servReason + ENC\_KEY;

**//Complaint Status service based :**

"Checksum(SHA256) generation and validation on below attributes"

chnlID+ordDt+chnlRefNum+xchangeID+complaintID+CHKSUM\_KEY;  
 Encryption/Decryption(AES256) on below attributes  
 chnlID+ordDt+chnlRefNum+xchangeID+complaintID+ENC\_KEY;

### //Complaint Status Transaction based:

"Checksum(SHA256) generation and validation on below attributes"  
 chnlID+ordDt+chnlRefNum+xchangeID+complaintID+CHKSUM\_KEY;  
 Encryption/Decryption(AES256) on below attributes  
 chnlID+ordDt+chnlRefNum+xchangeID+complaintID+ENC\_KEY;

### Non-encrypted XML request sample

```
<BBPCTSReqRequest>
  <SubHeader>
    <requestUUID>1</requestUUID>
    <serviceRequestId>2</serviceRequestId>
    <serviceRequestVersion>3</serviceRequestVersion>
    <channelId>3</channelId>
  </SubHeader>
  <BBPCTSReqRequestBody>
    <timeStamp>2017-04-24T20:09:35+05:30</timeStamp>
    <xchangeID>401</xchangeID>
    <txnRefId>AX0100100678</txnRefId>
    <complaintType>1</complaintType>

    <checksum>782781f35b23a40f870074b0d12ff110ae05388a6ebdc848abe9f046c8685ebb</
checksum>

  <encryptedToken>jEGhh261kFo8wxk6/uuSSEpncSSSmNgQccO9GBnfteFoxhPLtkkBUfa3aKVD53
aQzJz+8CuY54KOMgOvbGA5w==</encryptedToken>
    <chnlID>620</chnlID>
    <ordDt>2017-04-24</ordDt>
    <chnlRefNum>DDD01</chnlRefNum>
  </BBPCTSReqRequestBody>
</BBPCTSReqRequest>
```

### Non-encrypted JSON request sample

#### 1.CTS Transaction Status Ref ID based:

```
{
  "BBPCTSReqRequest": {
    "SubHeader": {
```

```

    "requestUUID": "ABC123",
    "serviceRequestId": "BBP",
    "serviceRequestVersion": "1.0",
    "channelId": "FC"
  },
  "BBPCTSReqRequestBody": {
    "ordDt": "2019-04-18",
    "timeStamp": "2019-04-18T20:20:35+05:30",
    "xchangeID": "401",
    "txnRefId": "AX0100165385",
    "txnSrchFrmDt": "2019-04-01",
    "txnSrchToDt": "2019-04-24",
    "chnlID": "620",
    "complaintType": "1",
    "chnlRefNum": "test6207"
    "checksum":
"22e5dfe2c4b06c971c18107a26756f649a0f619b42f449aa3edc0e8d6cb2df64",
    "encryptedToken":
"yM1PagFDISlj9vj6VmMobe7V+2TFybOJAxTCrYZZtKMwqDGCAes0Q2zAHiB4hKSPSNbHSGzA3PG
I3x/T4Y/t2PD6fPbLCv2NCcMf0de9M8="
  }
}
}

```

## 2. CTS Transaction Status Mobile Num and Date Range based :

```

{
  "BBPCTSReqRequest": {
    "SubHeader": {
      "requestUUID": "ABC123",
      "serviceRequestId": "BBP",
      "serviceRequestVersion": "1.0",
      "channelId": "FC"
    },
    "BBPCTSReqRequestBody": {
      "ordDt": "2019-04-18",
      "timeStamp": "2019-04-18T20:20:35+05:30",
      "xchangeID": "401",
      "mobile": "9898990091",
      "txnSrchFrmDt": "2019-04-01",
      "txnSrchToDt": "2019-04-24",
      "chnlID": "620",
      "complaintType": "1",
      "chnlRefNum": "test6207"
    }
  }
}

```

```

    "checksum":
"97740feb0069fac9696db3b88d3fd2ba64c9f6a457678f3cba4cdf52e93340bd",
    "encryptedToken":
"yM1PagFDISlj9vj6VmMobROLOXJNSTSOXofbj3RI25AOX6wylsCE21TlINJnv7v8zEz+21K5oIKIXgUI
TEE7Icjp9tsqhVdHMLGOL534Oj4="
  }
}
}

```

### 3. CTS Complaint Registration Transaction Based:

```

{
  "BBPCTSReqRequest": {
    "SubHeader": {
      "requestUUID": "ABC123",
      "serviceRequestId": "BBP",
      "serviceRequestVersion": "1.0",
      "channelId": "FC"
    },
    "BBPCTSReqRequestBody": {
      "ordDt": "2019-04-18",
      "timeStamp": "2019-04-18T20:20:35+05:30",
      "xchangeID": "501",
      "txnRefId": "AX0100165385",
      "disposition": "5",
      "description": "issue",
      "chnlID": "620",
      "complaintType": "1",
      "chnlRefNum": "test62010"
    },
    "checksum":
"a5c50597ec224d8304ac8151844dedd29d2808a7201a6ce9a4e033906a6deb14",
    "encryptedToken":
"yM1PagFDISlj9vj6VmMobQNSF12G+ZXX/3RySqzV6rUspvVsczYc9x7byqPbQxkd"
  }
}
}

```

### 4. CTS Complaint Registration Service Based on Biller:

```

{
  "BBPCTSReqRequest": {
    "SubHeader": {
      "requestUUID": "ABC123",
      "serviceRequestId": "BBP",
      "serviceRequestVersion": "1.0",
      "channelId": "FC"
    }
  }
}

```

```

    },
    "BBPCTSReqRequestBody": {
      "ordDt": "2019-04-18",
      "timeStamp": "2019-04-18T11:48:35+05:30",
      "xchangeID": "501",
      "txnRefId": "AX0100165385",
      "description": "issue1",
      "chnlID": "620",
      "complaintType": "2",
      "chnlRefNum": "test6202",
      "servReason": "7",
      "participantType": "2",
      "billerID": "OFME00007UPA63",
      "mobile": "9898990081",
      "category": "DTH",
      "checksum":
"a96bf45c7a474e8daa04d9b6fc3becdbcaa3385d27b1b7947fb0cd2c35d5d21",
      "encryptedToken":
"yM1PagFDISlj9vj6VmMobYM1ksOalSrjznq4Tpmm/X6G41F8dfHopOlymHkpAoM9q1L73N2VEK
DJU6DeP8nkv6tlEVU9aE7FC9Y0uLF5UxQ="
    }
  }
}

```

### 5. CTS Complaint Registration Service Based on Agent:

```

{
  "BBPCTSReqRequest": {
    "SubHeader": {
      "requestUUID": "ABC123",
      "serviceRequestId": "BBP",
      "serviceRequestVersion": "1.0",
      "channelId": "FC"
    },
    "BBPCTSReqRequestBody": {
      "ordDt": "2019-04-18",
      "xchangeID": "501",
      "description": "ISSUE",
      "chnlID": "620",
      "complaintType": "2",
      "chnlRefNum": "test6381",
      "servReason": "6",
      "participantType": "1",
      "mobile": "9898990081",

```

```

    "agentID": "AX01AI06512391457204",
    "checksum":
"089a8e2e0237e7ecfd26746b75be1ee6a01f2ba1dd02dc4f55a4ee73b9eade67",
    "encryptedToken":
"yM1PagFDISlj9vj6VmMobX+efraVg5h1uxaSedvGkwVSI2lxET9h13qNxf2jmHjWwPs1GeGoCiULjC
lbKw3qoJGyfyZqVgYeXhJCgHqBQEA="
  }
}
}

```

### 6.Complaint Status Service based:

```

{
  "BBPCTSReqRequest": {
    "SubHeader": {
      "requestUUID": "ABC123",
      "serviceRequestId": "BBP",
      "serviceRequestVersion": "1.0",
      "channelId": "FC"
    },
    "BBPCTSReqRequestBody": {
      "ordDt": "20190418",
      "timeStamp": "2019-04-18T11:48:35+05:30",
      "xchangeID": "506",
      "complaintID": "TP1556190759477",
      "chnlID": "620",
      "complaintType": "2",
      "chnlRefNum": "test6381"
    }
  }
  "checksum":
"c47b1e97be3a58206e5670d98de89e44ef9a5374708968a60fdf6a73a62b06f2",
  "encryptedToken":
"PElCeZF78z2H6Aanp3G95Q5eNT7+cpaZxMJ3re5PnS4jz7zxsEE13+7ikzpl78tdK1fHzkqk+INC8KCa
mBQRJg=="
}
}
}

```

### 7.Complaint Status Transaction based:

```

{
  "BBPCTSReqRequest": {
    "SubHeader": {
      "requestUUID": "ABC123",
      "serviceRequestId": "BBP",
      "serviceRequestVersion": "1.0",

```



```

    "channelId": "FC"
  },
  "BBPCTSReqRequestBody": {
    "ordDt": "20190418",
    "timeStamp": "2019-04-18T11:48:35+05:30",
    "xchangeID": "506",
    "complaintID": "TP1556190759477",
    "chnlID": "620",
    "complaintType": "2",
    "chnlRefNum": "test6381"
    "checksum":
    "c47b1e97be3a58206e5670d98de89e44ef9a5374708968a60fdf6a73a62b06f2",
    "encryptedToken":
    "PElCeZF78z2H6Aanp3G95Q5eNT7+cpaZxMJ3re5PnS4jz7zxsEE13+7ikzpl78tdK1fHzkqk+INC8KCa
    mBQRJg=="
  }
}

```

### Encrypted request body fields

Field	Repeating	Mandatory for business processing	Description
BBPCTSReqRequest		Y	
BBPCTSReqRequestBodyEncrypted		Y	Encrypted Request Payload Data

### Encrypted XML request sample

```

<BBPCTSReqRequest>
  <SubHeader>
    <requestUUID>1</requestUUID>
    <serviceRequestId>2</serviceRequestId>
    <serviceRequestVersion>3</serviceRequestVersion>
    <channelId>FC</channelId>
  </SubHeader>

  <BBPCTSReqRequestBodyEncrypted>FyUmgOwS6h7Q3elPy19cNJJqu3g/yiYwL9R9uyFF4TspE2fo
  Mkm8YZtWkiNxfR31HktSxeSaA+ZLd1Gr4RU4R4PftuSEIoG1R/
  vilJ0lx6HVZatbQe9P7n+7+iXN3O7ADXSGIGKeH+PD1QbOaDCB7pJCcZH2IFAv1ZbdeIzmEDGW5ta
  aNXXR2jKrrKE03GupGcz4ucc0aEISTAzCGP60SgyVAtVbq31k21Tg3yT8sDC9UQJT+/

```

```
P6yJmL9pQQe01hqFBezom5fdz2kcsIVlwzXjsxl26pvR8IXOdRPZGgNoPHJYzBtWhl/
2B54PjqM235cHn7mgnbvJmH7joAmcmsJohNqYyl6Nf0FD24I7UuphI6+0Z980PO4qWxz77IsyluAi
Ezp3/
bYNTPQmwIjNijacOBTIAR8JklbMhNQpamimQTF0n4OyRZvt7ILmMnhQpMjJc80GQHP1ECLMMa
bi+l6WLqX6y2y6NUICMywo3Z5H1xIbB/
Bd4E1rAb7XRGfeC0e62mq3mIP74oWmLxXU8Py3nWRxY6vLihmqIk19uhEAgoH2Qo6PD3PQgPqR
oaFCI9zwGWfhz7kvPgXPgXB38Ah5QCGcrtcoWxVXnvTwjhx04U9ad+HnvcwzVtdJ1ddV84haUo/
ycYD82XKJptkM3QkKfix4KOWoMrVRkDWZ/
8Z6kdw+3jJtSaCiNB83Q1fkRmP3AQ77PaVcB0X88Uftu+A==</
BBPCTSReqRequestBodyEncrypted>
</BBPCTSReqRequest>
```

**Encrypted JSON request sample**

```
{
  "BBPCTSReqRequest": {
    "SubHeader": {
      "requestUUID": "1",
      "serviceRequestId": "2",
      "serviceRequestVersion": "3",
      "channelId": "FC"
    },
    "BBPCTSReqRequestBodyEncrypted":
    "PQgiqVamASgnsszAY0FR7dzuOq0W6uHrOMOA99E2HwLkGt5FK5HPALb8aJPzwKVtaDCK36xJg4
N0NMmqSw7IXX5b2GGNsIPzyTqSKfGNSwD3EEKYIPjefpQELtg5cg03G7xD6Ib3t7PI7tg27hnNDwN
CT2XmFEfJUeazZ2IWHQWgzPTUc1XppDD25Zq/
icclzrBKSkmfmrSYXEKpHkYdVlvAvQld1gRq6Xuri3KyCznZMXQiCYdo1IAUOka1DeaWyq6L0eG9MP
CRmNc8v6TG0K7Vgo7PUBr4w3vkLCQBkBi2aK6zIDcjrI8A982G5qiq+SHqH65409Vuc8S36x2lpH
m1AV1LwTOriKGk4jLeTG3jnHmkmgPwM31nGg70y1t4y6xlrZI7vcHvQQLTZPwbnc092UnWaSVY5i
PiauEC0cb0NbAmH03HCl6ajwQli2QDsN8Uby60pOgjxtoW34kG7w28WW6IWHR41GPZa6wiYw="
  }
}
```

**Non-encrypted response body fields**

API Connect fields	Type	Repeating	Mandatory for business processing	Description
BBPCTSReqResponse	complex		Y	
BBPCTSReqResponseBody	complex		Y	

BillerStatus	complex		Y	
successFlag	integer		Y	1 if successful and 2 if unsuccessful
msfRef	string			
BillerResponse	complex		Y	
txnPOSType	integer			
txnPOSNum	integer			
SeqNum	integer			
errorId	string		Y	Error Id
errorDesc	string		Y	Error Description
extRefNum	string		Y	EPH generated Unique number used at the time of enquiry. Mandatory in case of success response
intRefNum	string			
string1	string			
date1	date			
num1	integer			
string2	string			
date2	date			
num2	integer			
sourceRefNum	string			
exctnDt	date			
checksum	string		Y	Checksum
encryptedToken	string		Y	Encryption token

### Non-encrypted XML response sample

```
<?xml version="1.0" encoding="UTF-8"?>
<BBPCTSReqResponse>
  <SubHeader>
    <requestUUID>1</requestUUID>
    <serviceRequestId>2</serviceRequestId>
    <serviceRequestVersion>3</serviceRequestVersion>
```

```

    <channelId>FC</channelId>
  </SubHeader>
  <BBPCTSReqResponseBody>
    <BillerResponse>
      <errorId>ERR999</errorId>
      <errorDesc>Success : Request has been registered :AX010205201924364</errorDesc>
    <extRefNum>AX010205201924364</extRefNum>
    <checksum>5d4ed7db189d7d12c0336f3bdcda2b907d130c014e5e4e4e3f20ffd522ea0ab5</
checksum>
    <encryptedToken>+oFBW3LWbmnMZMWWtTFfJJWZmCLPgWMyeCmZD5gyfL1vcq8GzM45rvIBL
d4hBfuK</ encryptedToken>
    </BillerResponse>
    <BillerStatus>
      <successFlag>1</successFlag>
    </BillerStatus>
  </BBPCTSReqResponseBody>
</BBPCTSReqResponse>

```

### Non-encrypted JSON response sample

```

{
  "BBPCTSReqResponse": {
    "SubHeader": {
      "requestUUID": "ABC123",
      "serviceRequestId": "BBP",
      "serviceRequestVersion": "1.0",
      "channelId": "FC"
    },
    "BBPCTSReqResponseBody": {
      "BillerResponse": {
        "errorId": "ERR999",
        "errorDesc": "Success : Request has been registered :AX010205201924364",
        "extRefNum": "AX010205201924364",
        "checksum":
"5d4ed7db189d7d12c0336f3bdcda2b907d130c014e5e4e4e3f20ffd522ea0ab5",
        "encryptedToken":
"+oFBW3LWbmnMZMWWtTFfJJWZmCLPgWMyeCmZD5gyfL1vcq8GzM45rvIBLd4hBfuK"
      },
      "BillerStatus": {
        "successFlag": "1"
      }
    }
  }
}

```

}

**Encrypted response body fields**

Field	Repeating	Mandatory for business processing	Description
BBPCTSReqResponse		Y	
BBPCTSReqResponseBodyEncrypted		Y	Encrypted Response Payload Data

**Encrypted response XML sample**

```
<?xml version="1.0" encoding="UTF-8"?>
<BBPCTSReqResponse>
  <SubHeader>
    <requestUUID>1</requestUUID>
    <serviceRequestId>2</serviceRequestId>
    <serviceRequestVersion>3</serviceRequestVersion>
    <channelId>FC</channelId>
  </SubHeader>

  <BBPCTSReqResponseBodyEncrypted>bXyqAkBvjVCJeK4vd1Stxgt63Wrq5DwSLk9iYBAK9HE2pa
HFFuZ/b5D0f7z8ISUAnCMbhdDNUowIEPTPKg4vOxP3zu4tte0/2buE8iCNPMfMZLYuahTshj/
zZzseQ/z1WAgY3yTk/JeXCdegpRoT3pKHr7z5j9bZJudiQK2DBAce0e4xoGL+D80rgZj7uD/
VbhSxkz8QqMFVpyaowJQza25HLit+kLyppqKfHxTCwwkP2DsCU/p2lCsq/
CBrcJza8NnUlxIWMPs6zXF+Ooeud2kieOr76rfo1ufOPG3Js72vquU/OHsqdD3q/
yIG6MZOhB9VQpl9d1F98rgq3198g==</BBPCTSReqResponseBodyEncrypted>
</BBPCTSReqResponse>
```

**Encrypted response JSON sample**

```
{
  "BBPCTSReqResponse": {
    "SubHeader": {
      "requestUUID": "1",
      "serviceRequestId": "2",
      "serviceRequestVersion": "3",
      "channelId": "FC"
    },
  },
}
```

```

"BBPCTSReqResponseBodyEncrypted":
"6pRMDOah8nrybRYP4/F+qEfeRiXR5rGGCjx8JtOOB+LLA3h0yzyYR2S+lgSTtxD+GsoohxhPpxlDORs
jtsrW0mPqasi3Zlq2T4CEqDsO2tc3pe8SiPWLrwmDjYi8Y5uproza870CY5eQNHLeMKo6cBtmaTUJO
eQeesHF0QI7BDv26IOO08RX1uDYIUNv+Fj0"
}
}

```

### Error Codes and Description

S.No	Error Code	Error Description
1	ERR_CONN	Exception Occured While Creating Connection With BBPS!
2	ERR_TIMEOUT	Exception Occured while getting Response
3	ERR_URL	Only Https request Accepted!
4	ERR_URL	Exception Occured While Creating Connection With BBPS!
5	ERR120	Checksum is invalid
7	ERR121	Encrypted Token is invalid
8	ERR123	Checksum is not Specified
9	ERR124	Encrypted Token is not Specified!
10	ERR126	Encrypted Token and CHECKSUM are invalid
11	ERR135	XChange id is not Specified!
12	ERR136	Complaint type is not Specified!
13	ERR137	Disposition is not Specified!
14	ERR138	Description is not Specified!
15	ERR139	Transaction refrence id is not Specified!
16	ERR140	Complaint id is not Specified!
17	ERR141	Mobile number is not Specified!
18	ERR142	Transaction search from Date is not Specified!
19	ERR143	Transaction search to Date is not Specified!
20	ERR144	Transaction search to Date should be greater than or equal to transaction search from date!
21	ERR145	Channel Id is not Specified!
22	ERR146	Service reason is not Specified!

23	ERR146	Order Date is not Specified!
24	ERR147	Participation type is not Specified!
25	ERR147	Channel Ref Num is not Specified!
26	ERR148	Agent id is not Specified!
27	ERR149	Biller id is not Specified!
28	ERR157	Special Characters not allowed
29	ERR999	Success : Request has been registered :
30	ERRSSLCER	Exception Occured after getting Key from Certificate
31	ERR186	WebApplication Authantication failed
32	ERR187	Username and password required for basic authentication
33	ERR189	XSD Schema Validation Failure!

## 12.CTSEnquiry

### URL

<https://sakshamuat.axisbank.co.in/gateway/api/v2/bbp/ctsenquiry>

### Non-encrypted Request body fields

API Connect Field	Type	Repeating	Mandatory for business processing	Description
BBPCTSEnquiryRequest	Complex		Y	
BBPCTSEnquiryRequest Body			Y	
GetBBPInpCTTxn	Compex			
ephRefNum	string		Y	EPH generated Unique number used at the time of enquiry.
chnlID	string		Y	Channel Id
chnlRefNum	string		Y	Channel Unique Reference number
ordDt	string		Y	Order Date
chksum	string		Y	Checksum(SHA256) generation and validation on below attributes channelId+ordDt+chnlRefNum+ephRefNum+CHKSUM_KEY
encToken	string		Y	Encryption/Decryption(AES256) on below attributes channelId+ordDt+chnlRefNum+ephRefNum+ENC_KEY

Note: channelId,CHKSUM\_KEY and ENC\_KEY will provided through mail

### Non-encrypted XML request sample

```
<BBPCTSEnquiryRequest>
```



```
<SubHeader>
  <requestUUID>123</requestUUID>
  <serviceRequestId>AE.ATM.IRIS.SDBSP.001</serviceRequestId>
  <serviceRequestVersion>1.0</serviceRequestVersion>
  <channelId>FC</channelId>
</SubHeader>
<BBPCTSEnquiryRequestBody>
  <GetBBPInpCTTxn>
    <ephRefNum>AX0127062017049</ephRefNum>
    <chnlID>620</chnlID>
    <chnlRefNum>NEW01</chnlRefNum>
    <ordDt>20170627</ordDt>
    <chksum />
    <encToken />
  </GetBBPInpCTTxn>
</BBPCTSEnquiryRequestBody>
</BBPCTSEnquiryRequest>
```

### Non-encrypted JSON request sample

```
{
  "BBPCTSEnquiryRequest": {
    "SubHeader": {
      "requestUUID": "123",
      "serviceRequestId": "AE.ATM.IRIS.SDBSP.001",
      "serviceRequestVersion": "1.0",
      "channelId": "FC"
    },
    "BBPCTSEnquiryRequestBody": {
      "GetBBPInpCTTxn": {
        "ephRefNum": "AX0127062017049",
        "chnlID": "620",
        "chnlRefNum": "NEW01",
        "ordDt": "20170627"
      }
    }
  }
}
```

### Encrypted request body fields:

Field	Repeating	Mandatory for business processing	Description
BBPCTSEnquiryRequest			
BBPCTSEnquiryRequestBodyEncrypted			
-----Encrypted payload-----		M	Encrypted Request Payload Data

### Encrypted XML request sample

```
<BBPCTSEnquiryRequest>
  <SubHeader>
    <requestUUID>123</requestUUID>
    <serviceRequestId>AE.ATM.IRIS.SDBSP.001</serviceRequestId>
    <serviceRequestVersion>1.0</serviceRequestVersion>
    <channelId>FC</channelId>
  </SubHeader>
  <BBPCTSEnquiryRequestBodyEncrypted>hLBbYsdDMidlseGGWKvt7NP6OYILelaxLq7fN/
hf9eng5OvlVj7idzosfx8FI+rrXkb+9K8/
OJaEtate1N2BsoG8bAr4abiwHNY5CFk38URywpipkppMYOsLONVQG7t//
znEpsie4qfK2mt+oijLVhVz9kN/
rs+peqf5IQpcRRR4dKIVdnlDVO75PkuCm2Z9BsHBGwZAn3pi06uveTBdEFVhYvy8UfI81BMRnHcjyA
Y6n8Zi1usLwmwilUs0amPg0eQ4Ex+mnmUb7eYJ6/T/
5XNX0QfERmuaMASVGpe5JrULUjbZ9sD3OY/
v59H8TcxkaHWMdmhgUfqK1ENbD65kd8q25MMOUXBmVxl/hQZKMwvOW2/BgyYOioQvAcD/
YL9ZzUggE/fIS69rtzemNATEO+9/Uzx+ERTNAeriq/
y8k7sStsN5yhyyY077w2MF9FI6ylZljDSQ9cgNzgZtNHs9A==</
BBPCTSEnquiryRequestBodyEncrypted>
</BBPCTSEnquiryRequest>
```

### Encrypted JSON request sample

```
{
  "BBPCTSEnquiryRequest": {
    "SubHeader": {
      "requestUUID": "123",
      "serviceRequestId": "AE.ATM.IRIS.SDBSP.001",
      "serviceRequestVersion": "1.0",
      "channelId": "FC"
    },
    "BBPCTSEnquiryRequestBodyEncrypted":
    "GNsdSwGPTldp5VwzDiyCuWxHPHA7XTu2HkGUzoKrHDtn3mVu9F5jxdONXpwtPNcaaxEeESEQm
```

```

I4F+Nn1RkilebFf4e8of60OI08TE3C6+2N+5WVesvyhE+tWmpMln/
j3EW1Q1uZ0DjGecjUOC8cbgHCeFV9iDBmWKul3OYU3TuY="
  }
}

```

### Non-encrypted Response body fields

API Connect Field	Type	Repeating	Mandatory for business processing	Description
BBPCTSEnquiryResponse	Complex			
BBPCTSEnquiryResponseBody	Complex			
GetBBPCtsResp	Complex	Y		
refID	string		Y	NPCI REF ID
msgID	string		Y	NPCI MSG ID
timeStamp	string		Y	Time stamp
xchangeID	integer		Y	Identification of the type of the request
responseCode	string		Y	
responseReason	string		Y	
assigned	string		Y	CU to which complaint is assigned.
complaintID	string		Y	Complaint ID assigned by NPCI
complaintStatus	string		Y	Status of complaint
chksum	string			CHECKSUM STRING:  REF_ID COMPLAINT_ID COMPLAINT_STATUS ERROR_ID ERROR_DESC AMOUNT TXN_STATUS CUST_MOBILE CHECKSUM KEY

encToken	string			ENCRYPTION KEY:  REF_ID COMPLAINT_ID COMPLAINT_STATUS ERROR_ID ERROR_DESC AMOUNT TXN_STATUS CUST_MOBILE ENC KEY
seqID	integer		Y	Sequence ID
GetBBPCtsRespArray	Complex			
GetBBPResponse	Complex			Output object contains set of attributes to identify the transaction internal and external references generated within EPH and error codes details in case of failure
errorID	string		Y	Error id
errorDesc	string		Y	Error description
GetBBPStatus	Complex			Output object contains set of attributes to identify whether CTS service is successfully processed or not.
successFlg	integer		Y	"1 if successful and 2 if unsuccessful "
msgRef	string			

### Non-encrypted XML response sample

```

<BBPCTSEnquiryResponse>
  <SubHeader>
    <requestUUID>123</requestUUID>
    <serviceRequestId>AE.ATM.IRIS.SDBSP.001</serviceRequestId>
    <serviceRequestVersion>1.0</serviceRequestVersion>
  
```

```

    <channelId>FC</channelId>
  </SubHeader>
  <BBPCTSEnquiryResponseBody>
    <GetBBPResponse>
      <errorId>ERR126</errorId>
      <errorDesc>Encrypted token and checksum is invalid.</errorDesc>

<checksum>20e21625203a43cacbe21edcae0c17d93b16e82e11b445d6cc84f7206074c511</
checksum>
      <encToken>vgknEp46bbaftB7dOdtggc/JwcAMbBqrC/gN3FOYitl=</encToken>
    </GetBBPResponse>
    <GetBBPStatus>
      <successflag>2</successflag>
    </GetBBPStatus>
  </BBPCTSEnquiryResponseBody>
</BBPCTSEnquiryResponse>

```

### Non-encrypted JSON response sample

```

{
  "BBPCTSEnquiryResponse": {
    "SubHeader": {
      "requestUUID": "123",
      "serviceRequestId": "AE.ATM.IRIS.SDBSP.001",
      "serviceRequestVersion": "1.0",
      "channelId": "FC"
    },
    "BBPCTSEnquiryResponseBody": {
      "GetBBPResponse": {
        "errorId": "ERR123",
        "errorDesc": "Checksum is not Specified"
      },
      "GetBBPStatus": {
        "successflag": "2"
      }
    }
  }
}

```

### Encrypted response body fields

Field	Length	M/O	Description
-------	--------	-----	-------------

BBPCTSEnquiryResponse			
BBPCTSEnquiryResponseBodyEncrypted			
-----Encrypted Response-----		M	Encrypted Response Payload Data

### Encrypted response XML sample

```
<BBPCTSEnquiryResponse>
```

```
  <SubHeader>
```

```
    <requestUUID>123</requestUUID>
```

```
    <serviceRequestId>AE.ATM.IRIS.SDBSP.001</serviceRequestId>
```

```
    <serviceRequestVersion>1.0</serviceRequestVersion>
```

```
    <channelId>FC</channelId>
```

```
  </SubHeader>
```

```
<BBPCTSEnquiryResponseBodyEncrypted>Z/y+C4/MEp7sqgW+lbxKSIgDEt/kAjUGNclZPgNRBIVN
gXXmAmC6hW9tIF0ZOwCY2EY8BzZLKn2zd9EcgyXXb02O5/2oDKeR5ajsn7ZvGEa5qyBC2ZJ9Wh0x
e0GlwULHAY2qi+6ZgEHJx1sVr852OVIkkuVuVWb211haHM02FKxKeoCc/
PnDyBtOKpF4rbNEsosO2VT45B5xhx4ohJTngn7IIEbNirRKWyf8laSXd43tpb7qrcCv1KbP8dY59R1C/
b77SYOkKcWKDoGIRbf4nk4ErUMkkvbylw1aAEzDrAf8KYX9OVfT0+075up4EkgSG/
1TnXw3Zkclfy1RBjSbRqVYUWVVMhuOoAnLB6bCGctrjrx//
u1Cg5AS4428gWaOW7MleXEjITV3XVshq7d5A8P6U/uoWv4rrIN2Jbl0tJkVqap6gZNPd40pdQ/
WFH4YDZRYNAipFzxZ3rR+qPIpp0YvpBLqEGmcyYUAZ7X1kz8KRx7NC0VCRI5OFm+IyiQod9lCanTs
8keWqxkU9A2iI0N5avE8MGrseRnelhIG14=</BBPCTSEnquiryResponseBodyEncrypted>
</BBPCTSEnquiryResponse>
```

### Encrypted response JSON sample

```
{
  "BBPCTSEnquiryResponse": {
    "SubHeader": {
      "requestUUID": "123",
      "serviceRequestId": "AE.ATM.IRIS.SDBSP.001",
      "serviceRequestVersion": "1.0",
      "channelId": "FC"
    },
    "BBPCTSEnquiryResponseBodyEncrypted":
    "O4csY29YVMzYjPHMmDQGACzDF5Pv9ww0ZzB6AtgLIQ5zYp60vSBwSCg/ZXMBqWSg5Ts85c/
1HqctuuV+CSw5csSYjUPv/
W5gUNouhKISyyZm8UmqFZuEH2obeDI+yy+uTzWmbrV9II7bqx142b2Q9mIRGDzJBBeInOZ9LjYA
WI/kK085ha6P1+h4aEP33C74"
```

```

}
}

```

### Error Codes and Description

Error Code	Error Description
ERR000	No data Found
ERR105	Channel Id is not Specified
ERR156	Channel reference number is not Specified
ERR157	Order date is not Specified
ERR158	EPH reference number is not specified
ERR999	Success
ERR123	Checksum is not Specified
ERR126	Encrypted token and checksum is invalid
ERR121	Encryption Token Invalid
ERR124	Encrypted Token is not Specified
ERR186	WebApplication Authantication failed
ERR187	Username and password required for basic authentication
ERR189	XSD Schema Validation Failure!

## Security Considerations

Following are the security considerations which will need to be followed by the consumers for successful connectivity with the application:

### 1. HTTPS and two way SSL

All consumers will be needed to invoke the application over HTTPS protocol. We also have two way SSL established. This means that we would be validating the consumer certificate. Hence it is required that the consumer has a certificate (which may be self signed or a valid certificate from a CA) and the same is shared with us as a prer-requisite.

### 2. IP whitelisting

We allow only select IP addresses to access our application over the internet. Hence as a consumer it may be required to whitelist all the ip addresses that the consumer would be consuming the application from. This step is a prerequisite to setup sucessful connectivity.

ame and password will be generated for each consumer and will be provided by the team

### 3. Symmetric encryption

The API to be invoked accepts the request body encrypted using encryption algorithm. The body has to be encrypted using AES-128 encryption. The encryption key will be provided and will be different for each consumer.

## Annexure

### 1) Checksum logic and encryption token in webservice

The tags checksum/checksomeToken and encryptToken/encToken values are to be generated using the values in the webservice parameters mentioned in the parameter table of each webservice with sha256 algorithm and encryption using AES256 algorithm.

Note : CHANNEL ID,CHECKSUM KEY,ENCRYPTION KEY and BBPS\_BANCS\_CHNL\_PWD will be provided through mail.

Sample program to generate checksum and enctoken

```
import java.security.MessageDigest;
import java.security.spec.AlgorithmParameterSpec;

import javax.crypto.Cipher;
import javax.crypto.spec.IvParameterSpec;
import javax.crypto.spec.SecretKeySpec;

import com.sun.xml.internal.messaging.saaj.packaging.mime.util.BASE64DecoderStream;
import com.sun.xml.internal.messaging.saaj.packaging.mime.util.BASE64EncoderStream;

public class BBPSSecurity {

    public static void main(String[] args) {
        // TODO Auto-generated method stub
        String str, CHKSUM_KEY, ENC_KEY, CHNL_ID, BILL_CTGRY, MASTR_TYPE, CIF_ID,
        LVL_CODE_ACTL, BILLER_CODE, AUTO_PAY_LIMIT, ACNT_NUM, REG_DT, DEREG_DT, LEVEL1,
        LEVEL2, LEVEL3, LEVEL4, LEVEL5, LEVEL6, LEVEL7, LEVEL8, LEVEL9, LEVEL10, LEVEL11, LEVEL12,
        MOB_NUM, EMAIL_ADDR, EMAIL_ALRT, SMS_ALRT, CUST_CIF, CLIENT_CODE, SEQ_ID,
        BILLER_LOC, MOB_AGENT, GEOCODE, POSTAL_CODE, IP, INITIATING_CHANNEL, TERMINAL_ID,
        IMEI, IFSC, MAC, OS, APP, AGENT_ID, AADHAAR, PAN, EMAIL, INVOICE_NO, EXT_REF_NUM,
        LOCATION, INSTRUCTED_CHNL, RSVRD_STR1, CLRNG_CHNL_ID, CORP_CODE, AMT, MSG_REF,
        NUM_REM, NUM_PYMNT, TOT_AMT, TXN_MODE, REM_CUST_ACNT, REM_CUST_REF,
        CSHBLK_RQRD_FLG, BILL_NO, INSTR_CODE, REM_CUST_MBL, REM_CUST_EML,
        PREBOOKED_FLG, BEN_BNK_REF, TXN_REF_NUM, REQ_VAL_DT, BILL_PERIOD, ORD_DT,
        CHNL_REF_NUM, XCHANGE_ID, MOBILE, TXN_SRCH_FRM_DT, TXN_SRCH_TO_DT, TXN_REF_ID,
```



COMPLAINT\_TYP, DISPOSITION, Mobile\_Number, PARTICIPANT\_TYP, CATEGORY, BILLER\_ID,  
SERV\_REASON, COMPLAINT\_ID;

```
// Biller Reg Form WS
BILLER_CODE = "OTME00005XXZ43";
AUTO_PAY_LIMIT = "";
ACNT_NUM = "";
REG_DT = "20171109";
DEREG_DT = "";
LEVEL1 = "20";
LEVEL2 = "NAT";
LEVEL3 = "30";
LEVEL4 = "40";
LEVEL5 = "50";
LEVEL6 = "";
LEVEL7 = "";
LEVEL8 = "";
LEVEL9 = "";
LEVEL10 = "";
LEVEL11 = "";
LEVEL12 = "";
MOB_NUM = "9898990081";
EMAIL_ADDR = "testmail@gmail.com";
EMAIL_ALRT = "";
SMS_ALRT = "";
CUST_CIF = "8G3jAG4XSOiTN66BX555";
CLIENT_CODE = "555";
CHNL_ID = "626";
SEQ_ID = "";
BILLER_LOC = "";
MOB_AGENT = "";
GEOCODE = "";
POSTAL_CODE = "";
IP = "124.170.23.24";
INITIATING_CHANNEL = "MOB";
TERMINAL_ID = "";
IMEI = "357069080061116";
IFSC = "";
MAC = "";
OS = "android";
APP = "spay";
AGENT_ID = "AX01AI06512391457204";
AADHAAR = "";
```

```
PAN = "";
MSG_REF="";
CHKSUM_KEY = "axisbankaxisbank";
str = BILLER_CODE + AUTO_PAY_LIMIT + ACNT_NUM + REG_DT + DEREG_DT
+ LEVEL1 + LEVEL2 + LEVEL3 + LEVEL4 + LEVEL5 + LEVEL6 + LEVEL7
+ LEVEL8 + LEVEL9 + LEVEL10 + LEVEL11 + LEVEL12 + MOB_NUM
+ EMAIL_ADDR + EMAIL_ALRT + SMS_ALRT + CUST_CIF + CLIENT_CODE
+ CHNL_ID + SEQ_ID + BILLER_LOC + MOB_AGENT + GEOCODE
+ POSTAL_CODE + IP + INITIATING_CHANNEL + TERMINAL_ID + IMEI
+ IFSC + MAC + OS + APP + AGENT_ID + AADHAAR + PAN + MSG_REF + CHKSUM_KEY;
CHKSUM_KEY = "axisbankaxisbank";
str1 = BILLER_CODE + AUTO_PAY_LIMIT + ACNT_NUM + REG_DT + DEREG_DT
+ LEVEL1 + LEVEL2 + LEVEL3 + LEVEL4 + LEVEL5 + LEVEL6 + LEVEL7
+ LEVEL8 + LEVEL9 + LEVEL10 + LEVEL11 + LEVEL12 + MOB_NUM
+ EMAIL_ADDR + EMAIL_ALRT + SMS_ALRT + CUST_CIF + CLIENT_CODE
+ CHNL_ID + SEQ_ID + BILLER_LOC + MOB_AGENT + GEOCODE
+ POSTAL_CODE + IP + INITIATING_CHANNEL + TERMINAL_ID + IMEI
+ IFSC + MAC + OS + APP + AGENT_ID + AADHAAR + PAN + MSG_REF + ENC_KEY;

/* //Biller Payment WS Reg and Pay
/* BCH */
CHNL_ID = "626";
MSG_REF = "15070099272640";
NUM_REM = "1";
NUM_PYMNT = "1";
TOT_AMT = "1000";
TXN_MODE = "9";
/* MST */
REM_CUST_ACNT = "063010100054135";
REM_CUST_REF = "552";
CSHBLK_RQRD_FLG = "0";
BILL_NO = "12303";
INSTR_CODE = "BBPS";
AMT = "1000";
REM_CUST_MBL = "";
REM_CUST_EML = "";
CIF_ID = "8G3jAG4XSOiTN66BXxcC30";
PREBOOKED_FLG = "1";
/* DTL */
BEN_BNK_REF = "BBPS0005003";
CORP_CODE = "OTME00005XXZ43";
TXN_REF_NUM = "15070099272640";
REQ_VAL_DT = "20171221";
/* PTS_BBPS_BILL_ADDTNL_INFO */
```

```

BILL_PERIOD = "june";
CHKSUM_KEY = "axisbankaxisbank";
ENC_KEY="a05hQnNpeEFHZ25Vc21hUw==";
str = /* BCH */CHNL_ID + MSG_REF + NUM_REM + NUM_PYMNT + TOT_AMT +
/* MST */REM_CUST_ACNT + REM_CUST_REF + CSHBLK_RQRD_FLG
+ BILL_NO + INSTR_CODE + AMT + REM_CUST_MBL + REM_CUST_EML
+ CIF_ID + BILL_PERIOD +/*BCH one value*/ TXN_MODE + PREBOOKED_FLG +
/* DTL */BEN_BNK_REF + AMT + CORP_CODE + TXN_REF_NUM
+ REQ_VAL_DT + CHKSUM_KEY;
String str1 = /* BCH */CHNL_ID + MSG_REF + NUM_REM + NUM_PYMNT + TOT_AMT +
/* MST */REM_CUST_ACNT + REM_CUST_REF + CSHBLK_RQRD_FLG
+ BILL_NO + INSTR_CODE + AMT + REM_CUST_MBL + REM_CUST_EML
+ CIF_ID + BILL_PERIOD +/*BCH one value*/ TXN_MODE + PREBOOKED_FLG +
/* DTL */BEN_BNK_REF + AMT + CORP_CODE + TXN_REF_NUM
+ REQ_VAL_DT + ENC_KEY;
*/
String BBPS_BANCS_CHNL_PWD="axisbankaxisbank";
System.out.println("CHECKSUM=====-> " + sha256(str));
System.out.println("ENCrypted value=====-> " + encrypt(BBPS_BANCS_CHNL_PWD,
str1));

}

private static String encrypt(String key, String enc) {
    TODO Auto-generated method stub
    try {
        SecretKeySpec skeySpec = new SecretKeySpec(key.getBytes("UTF-8"),
            "AES");
        byte[] iv1 = new byte[] { (byte) 0x8E, 0x12, 0x39, (byte) 0x9C,
            0x07, 0x72, 0x6F, 0x5A, (byte) 0x8E, 0x12, 0x39,
            (byte) 0x9C, 0x07, 0x72, 0x6F, 0x5A };
        AlgorithmParameterSpec paramSpec = new IvParameterSpec(iv1);

        Cipher cipher = Cipher.getInstance("AES/CBC/PKCS5PADDING");
        cipher.init(1, skeySpec, paramSpec);

        byte[] encrypted = cipher.doFinal(enc.getBytes());

        return new String(BASE64EncoderStream.encode(encrypted));
    } catch (Exception ex) {

    }

    return null;
}

```

```
}

private static String sha256(String sha) {
    TODO Auto-generated method stub
    try {
        MessageDigest digest = MessageDigest.getInstance("SHA-256");
        byte[] hash = digest.digest(sha.getBytes("UTF-8"));
        StringBuffer hexString = new StringBuffer();

        for (int i = 0; i < hash.length; i++) {
            String hex = Integer.toHexString(0xFF & hash[i]);
            if (hex.length() == 1)
                hexString.append('0');
            hexString.append(hex);
        }

        return hexString.toString();
    } catch (Exception ex) {
    }
    throw new RuntimeException("");
}

public static String decrypt(String key, String encrypted) {
    try {
        SecretKeySpec keySpec = new SecretKeySpec(key.getBytes("UTF-8"),
            "AES");
        byte[] iv1 = new byte[] { (byte) 0x8E, 0x12, 0x39, (byte) 0x9C,
            0x07, 0x72, 0x6F, 0x5A, (byte) 0x8E, 0x12, 0x39,
            (byte) 0x9C, 0x07, 0x72, 0x6F, 0x5A };
        AlgorithmParameterSpec paramSpec = new IvParameterSpec(iv1);

        Cipher cipher = Cipher.getInstance("AES/CBC/PKCS5PADDING");
        cipher.init(2, keySpec, paramSpec);

        byte[] original = cipher.doFinal(BASE64DecoderStream
            .decode(encrypted.getBytes()));

        return new String(original);
    } catch (Exception ex) {
        ex.printStackTrace();
    }

    return null;
}
```

}

## 2) Mapping of Registration Form and Bill Registration Service.

Field Identifier value	Name
8	Level1 Code
9	Level2 Code
10	Level3 Code
11	Client code
12	Level4 code
13	Level5 code
14	Level6 code
15	Level7 code
16	Corporate Code
17	Level8 code
18	Level9 code
19	Level10 code
20	Level11 code
21	Level12 code

## 3) Payment mode Mapping.

Value	Mode
1	CASH
2	CREDIT CARD
3	DEBIT CARD
4	IMPS
5	Internet Banking
6	NEFT
7	PREPAID CARD
8	WALLET
9	UPI

## 4) Biller Payment types

value	Biller type
1	Adhoc Payment

2	Presentment-Exact
3	Both
4	Presentment- Exact Up
5	Presentment Exact Down
6	Presentment and adhoc payment

### 5) Channel to Device parameters mapping

S. No.	Initiating Channel	Channel Code in API	Channel Code in Agent ID	Device Block Tags
1	Bank Branch	BNKBRNCH	BNK	IFSC, MOBILE, GEOCODE, POSTAL_CODE
2	Mobile (Pre-login)	MOB	MOB	IP, IMEI, OS, APP
3	Mobile Banking (Post-login)	MOBB	MBB	IP, IMEI, OS, APP
4	Internet (Pre-login)	INT	INT	IP, MAC
5	Internet Banking (Post-login)	INTB	INB	IP, MAC
6	ATM	ATM	ATM	TERMINAL_ID
7	Kiosk	KIOSK	KSK	TERMINAL_ID
8	Agent	AGT	AGT	TERMINAL_ID, MOBILE, GEOCODE, POSTAL_CODE
9	Business Correspondent	BSC	BSC	TERMINAL_ID, MOBILE, GEOCODE, POSTAL_CODE

### 6) Payment channel to payment mode mapping.

S. No.	Payment Mode	Payment Channels								
		INT	INB	MOB	MBB	ATM	BNK	KSK	AGT	BSC
1	Cash	N	N	N	N	N	Y	Y	Y	Y
2	Internet Banking	Y	Y	Y	Y	Y	N	N	N	N
3	Credit Card	Y	Y	Y	Y	Y	Y	Y	Y	Y
4	Debit Card	Y	Y	Y	Y	Y	Y	Y	Y	Y
5	Prepaid Card	Y	Y	Y	Y	Y	Y	Y	Y	Y
6	IMPS	Y	Y	Y	Y	N	Y	N	Y	Y
7	NEFT	Y	Y	Y	Y	Y	Y	N	Y	Y
8	UPI	Y	Y	Y	Y	N	Y	N	Y	Y
9	Wallet	Y	Y	Y	Y	N	Y	Y	Y	Y
10	AEPS	N	N	Y	N	N	Y	N	Y	Y
11	Account Transfer	N	N	N	N	N	Y	N	N	Y
12	Bharat QR	N	N	Y	Y	N	Y	N	Y	Y
13	USSD	N	N	Y	Y	N	N	N	N	N

### 7) UAT test data

S.NO	Billor	Billor type	Category	Mobile	a	ab	abc	abcd	abcde	Billor Code
1	OAFMEUP	Fetch & pay	DTH	9898990085	10	20	30	40	50	OFME00007UPA63
2	OFMEDN	Fetch & pay	Mobile	9898990090	10	20	30	40	50	OFME00005DNZ43
3	OTME	Fetch & pay	Mobile	9898990084	10	20	30	40	50	OTME00005XXZ43
4	OATME	Fetch & pay	DTH	9898990089	10	20	30	40	50	OTME00007XXA63
5	OTNS	Adhoc	Mobile	9898990083	10	20	30	40	50	OTNS00005XXZ43
7	OATNS	Adhoc	DTH	9898990088	10	20	30	40	50	OTNS00007XXA63
8	OTOE	Fetch & pay	Gas	9898990081	10	20	30	40	50	OTOE00005XXZ43
9	OATOE	Fetch & pay	DTH	9898990086	10	20	30	40	50	OTOE00007XXA63