**1)Generate QR API(/generateQR):**

This API is used to generate QR Code from QR Server

**Request URL-** POST: http://localhost:8116/generateQR

**Request Body**

{

"qrtype": "STRING",

"aid": "M04M248003",

"amt": 2000,

"oem": "NCR"

}

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sr.NO | Field Name | Data Type | Max | Required | Description |
|  |  |  | Length | (M/O/C) |  |
| 1 | qrtype | String | 30 | M | Options : STRING/BINARY/FILEPATH)  If options is STRING QR Agent will return QR String.  If options is FILEPATH QR Agent will return path of QR Image.  If options is BINARY QR Agent will return Byte of QR Image. |
| 2 | Aid | String | 30 | M | Ex: M04M248003 (ATM ID of machine) |
| 3 | Amt | Numeric | 10 | M | Ex: 1000(Amount To withdraw)  Note: Decimal Values are not allowed and amount should be in multiples of  100’s |
| 6 | Oem | String | 10 | M | Ex: NCR (Make of ATM Machine) |

**Response Body**

{

    "operationName": "ATMQRCodeResp",

    "result": "00",

    "aid": "M04M248003",

    "amt": "2000",

    "qrdata": "upi://pay?pa=CBI@cbin&pn=CBIATMCASHWithdrawl&tr=329317816701&am=1000.00&mode=18&purpose=12&or\r\ngId=159016&mid=401107&tid=CBI6f125ac55d8e473080d059253d381d6b&mc=6013&tn=M04M248003&msid=2931\r\n0231710956&sign=MEUCIQDtiu2NbtXDdfqBErkCrisOx5gmxjdREtrWRBd5qhYu0gIgDdnQYbFM1DjZ7YujDhQ+2gBowC\r\ny+8vmvvXVxv3l9V/k=",

    "tid": "CBI6f125ac55d8e473080d059253d381d6b",

    "tr": "329317816701|CBI@cbin",

    "rid": "150086",

    "errorCode": "000",

    "errorDesc": "QR code generated successfully",

    "timeStamp": "2023-12-04T20:37:07+05:30"

}

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sr.NO | Field Name | Data Type | Max | Required | Description |
|  | |  | Length | (M/O/C) |  |
| 1 | operationName | String | 30 | M | Ex: ATMQRCodeGenerationResponse  Static value |
|  |  |  |  |  |  |
| 2 | result | String | 5 | M | Ex: 00 |
| 3 | aid | String | 50 | M | Ex: ATM ID of Cash Withdrawal Terminal |
| 4 | amt | Numeric | 10 | M | Ex: 1000  Amount to withdraw  Note: Decimal Values are not allowed  and amount should be in multiples of  100’s |
| 5 | qrdata | String |  | C | QR String for generation  Ex:  upi://pay?pa=CBI@cbin&pn=CBIAT  MCASHWithdrawl&tr=32931781670  1&am=1000.00&mode=18&purpose=  12&orgId=159016&mid=401107&tid  =CBI6f125ac55d8e473080d059253d  381d6b&mc=6013&tn=M04M24800  3&msid=29310231710956&sign=ME  UCIQDtiu2NbtXDdfqBErkCrisOx5gmx  jdREtrWRBd5qhYu0gIgDdnQYbFM1  DjZ7YujDhQ+2gBowCy+8vmvvXVxv3  l9V/k= |
| 6 | tid | String | 35 | C | Transaction ID for QR Code Generation.  Ex:  CBI6f125ac55d8e473080d059253d3  81d6b |
| 7 | tr | String | 100 | C | Represents the transaction reference id  and Payee VPA details with the “|”  separate.  Ex: 329317816701|CBI@cbin |
| 8 | rid | String | 10 | C | Ex: 150008(QR server id) |
| 9 | errorCode | String | 5 | M | Ex: 001 |
| 10 | errorDesc | String | 200 | M | Ex: Error Description |
| 11 | timeStamp | String | 30 | M | Current Time Stamp  Ex: 2023-11-01T17:29:33+05:30  Syntax: YYYY-MM-DDTHH:MI:SS+05:30  HH – Hour in 24 hr format |

**2)Transaction Status Notification API(/transactionStatus):**

This API is used to check the status of Transaction before dispensing cash from ATM.

**Request URL-** POST: http://localhost:8116/transactionStatus

**Request Body:**

{

    "channel": 8,

    "txnId": "CBIC0FFBAE02AA34FFFF76758B345611220",

    "orgTxnId": "CBIC0FFBAE02AA34FFFF76758B345611217",

    "orgTxnRefId": "329317816701",

    "orgTxnStatus": "Success",

    "orgId": 400054,

    "terminalID": "M04M248003",

    "amount": 1000

}

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sr.NO | Field Name | Data Type | Max  Length | Required  (M/O/C) | Description |
| 1 | txnId | String | 35 | M | Ex:  CBIC0FFBAE02AA34FFFF76758B345  611220 |
| 2 | amount | Numeric | 10 | M | Ex: 1000  Note: Decimal Values are not allowed  and amount should be in multiples of  100’s |
| 3 | channel | Numeric | 3 | M | Ex: 08 |
| 4 | terminalID | String | 30 | M | Ex: M04M248003 |
| 5 | orgTxnId | String | 35 | M | Original Txn ID for the Cash Withdrawal  Ex:  CBIC0FFBAE02AA34FFFF76758B345  611217 |
| 6 | orgTxnRefId | String | 35 | M | Original TxnRef ID for the Cash  Withdrawal  Ex: 329317816701 |
| 7 | orgTxnStatus | String |  | M | Success  Static Value |
| 8 | orgId | Numeric |  | M | 400054  Static Value |
|  |  |  |  |  |  |

**Response Body:**

{

    "timeStamp": "2023-12-04T20:26:49+05:30",

    "orgTxnRefId": "329317816701",

    "orgTxnId": "CBIC0FFBAE02AA34FFFF76758B345611217",

    "resDesc": "Approved",

    "txnId": "CBIC0FFBAE02AA34FFFF76758B345611220",

    "resCode": "000",

    "operationName": "TxnStatusNotificationResponse"

}

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sr.NO | Field Name | Data Type | Max  Length | Required  (M/O/C) | Description |
| 1 | operationName | String | 50 | M | Ex: TxnStatusNotificationResponse  Static value |
| 2 | txnId | String | 35 | M | Ex:  CBIC0FFBAE02AA34FFFF76758B345611220 |
| 3 | timeStamp | String | 30 | M | Current Time Stamp  Ex: 2023-11-01T17:29:33+05:30  Syntax: YYYY-MM-DDTHH:MI:SS+05:30HH – Hour in 24 hr format |
| 4 | resCode | String | 30 | M | Ex: 000  Static value |
| 5 | orgTxnId | String | 35 | M | Original Txn ID for the Cash Withdrawal  Ex:  CBIC0FFBAE02AA34FFFF76758B345611217 |
| 6 | orgTxnRefId | String | 35 | M | Original TxnRef ID for the Cash  Withdrawal  Ex: 329317816701 |
| 7 | resDesc | String | 30 | M | Ex: Approved  Static value |
|  |  |  |  |  |  |