

CheckBill REST (v1.0.2)

Purpose of document [🔗](#)

The current Pay bill implementation performs check bill operations via fintech, resulting in excessive transaction per second (TPS) consumption despite check bill being a non-transactional API. To mitigate this problem, this document proposes a direct, synchronous REST-based integration between bKash MW and the aggregator for check bill requests. The request and response specifications are provided below.

Request Method	Request Path
POST	

Request Header [🔗](#)

Header Name	Header Value
Content-Type	application/json
Accept	application/json
Authorization	

Request Parameter Specification [🔗](#)

Parameter	Data Type	Mandatory or optional	Description	Example
requestId	String	Mandatory	Unque ID for checkbill request which can be used for investigation purpose	CAPPMW - 1745729822704 - 241db032-56a8-495e-86ab-9477be8632dd
userIdentityNumber	String	Mandatory	Initiating Customer MSIDN	01821000000
businessShortCode	String	Mandatory	Indicates the organization short code of the Bill Issuer	DESCO
billRefNumber	String	Mandatory	Indicates the reference number of bill	REF123
inquiryMode	String	Mandatory	Inquiry Mode	0-Default 01- Outstanding/Postpaid 02-PrePaid
billMonth	String	Optional	Indicates the billing due date of the customer.	032025
startMonth	String	Optional	Start month of the information enquiry	022025

endMonth	String	Optional	End month of the information enquiry	032025
contactNo	String	Optional	Indicate the Contact. Some partners take the contact as input along with Account ID.	01721000000
checkAmount	String	Optional	Indicates Bill amount	200
extendedParameter	Map	Optional	If any additional parameters are required in request, then those can be added in the map	"extendedParameter": { "ParentID": "123", "SubID": "0112401785316", "ExtendedParameter1": "1", "ExtendedParameter2": "2" }
inquiryType	String	Optional	Type of Inquiry	0- Default 01- Query by Biller Account ID 02- Query By Biller QR/Bar Code

Sample Request [🔗](#)

```

1 {
2   "requestId": "CAPPMW-1745729822704-241db032-56a8-495e-86ab-9477be8632dd"
3   "userIdentityNumber": "01821000000",
4   "businessShortCode": "DESC0",
5   "billMonth": "032025",
6   "billRefNumber": "REF123",
7   "startMonth": "022025",
8   "endMonth": "032025",
9   "contactNo": "01721000000",
10  "checkAmount": "200",
11  "inquiryMode": "02",
12  "inquiryType": "01",
13  "extendedParameter": {
14    "ParentID": "123",
15    "SubID": "0112401785316",
16    "ExtendedParameter1": "1",
17    "ExtendedParameter2": "2"
18  }
19 }
```

Note: In `extendedParameter` a range of parameters could be added, the parameters range will be same as XML soap request parameter specification.

Response Parameter Specification [🔗](#)

Parameter	Data Type	Mandatory or optional	Description	Example
resultCode	String	Mandatory	Indicates the response code of the request based on successful processing of the request or failure	0
resultDesc	String	Mandatory	Indicates the response message of the request based on successful processing or failure of the request	The request is processed successfully
data	ExtendedData	Mandatory	The checkbill result paramters should be returned in data	See Sample Response

ExtendedData [🔗](#)

Parameter	Data Type	Mandatory or optional	Description	Example
accountName	String	Mandatory	Indicates the bill account name	bKash Test Bill
billAmount	String	Mandatory	Indicate amount billed	200
dueDate	String	Mandatory	Indicates the paybill due date	01-Apr-2025
paymentStatus	String	Mandatory	Indicates the current status of the bill	PAID/UNPAID
extendedData	Map	Optional	Indicates any additional checkbill response parameters as map	See sample response

Sample Response [🔗](#)

```

1  {
2    "resultCode": "0",
3    "resultDesc": "The request is processed successfully",
4    "data": {
5      "accountName": "bKash Test Bill",
6      "billAmount": "200",
7      "dueDate": "01-Apr-2025",
8      "paymentStatus": "UNPAID",
9      "extendedData": {
10       "AmountDetail": "{\n\"wallet\": \"UCITY\", \n\"branchName\": \"Chandragonj
Branch\", \n\"customerID\": \"0221103254\" \n}",
11       "SubID": "0112401785316",
12       "ContactNo": "01711111111",
13       "RcvblAmount1": "200",
14       "PaymentRecipient": "903969071"
15     }

```

```
16 }  
17 }
```

Note: In `extendedData` a range of parameters could be added, the parameters range will be same as XML soap response parameter specification.