



Technical Documentation Inquiry Status VA

Payment API

Version 1.4.1

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Date	Doc Version	Description	PIC
18 October 2017	1.4.1	Update error message of ESB-14-004, add “(s)” as plural meaning to the error message.	ABE
15 September 2017	1.4	<ul style="list-style-type: none"> - Add new query param (Company Code) when execute inquiry using Request ID - Update port to be accessed, both DEV and PROD are using 443 - Refining the description of request query parameters. - Adding new Error Code “ESB-14-017” as the result of Company Code validation failure. 	ABE
31 August 2017	1.3	<ul style="list-style-type: none"> - Update port - Remove OAuth and Signature section (please refer to BCA API - OAuth & Signature – vX.X.X.pdf) 	ABE
11 October 2016	1.2	- Update response output	GID
28 September 2016	1.1	<ul style="list-style-type: none"> - Update response output - Add more error message 	GID
15 September 2016	1.0	Initial Version	GID

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Introduction

Overview of BCA API:

Method	Endpoint	Usage
POST	/api/oauth/token	Get access token
GET	/va/payments?CompanyCode=&RequestID= or /va/payments?CompanyCode=&CustomerN umber=	Get status of payment by CompanyCode and CustomerNumber or RequestID

URL that you can access:

URL	Usage
https://devapi.klikbca.com	BCA API UAT environment With default port of HTTPS (443)
https://api.klikbca.com	BCA API production environment With default port of HTTPS (443)

Core Services

Inquiry Status Payment

Co-Partners can see the list of payment status that are owned by the customers. Co-Partner can use CompanyCode-CustomerNumber or RequestID as key to do inquiry. In case of all parameters are filled, inquiry by RequestID will take precedence.

The data will be automatically queried between *D-day* (hari H) until *D-1 day* (H-1 / yesterday), with maximum records returned are 10 rows.

Query Parameters

Field	Data Type	Mandatory	Description
CompanyCode	String(5)	Y	BCA create a unique code to identify Company who registered in BCA.
CustomerNumber	String(18)	Y	VA CustomerNumber (the bill number given by the Merchant/Company Partner).
RequestID	String (30)	Y	Unique transaction identifier which generated by BCA and part or the flag payment response.

The following example shown the usage of the query parameters. You can use just one keyword (CustomerNumbe or RequestID) as filter criteria.

Request

```
GET https://api.klikbca.com/va/payments?
CompanyCode=11111&RequestID=201609131641563101000000006798
```

or

```
GET https://api.klikbca.com/va/payments?
CompanyCode=11111&CustomerNumber=1234567890
```

Result of the request will contains following information:

Response

Field	Data Type	Description
TransactionData	JSONArray	
TransactionDate	String(29)	Time when customer do the payment.

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TotalAmount	String(16)	Total amount of transaction from co-partner
PaidAmount	String(16)	Total amount of paid transaction by the customer (can be different for multi bills transaction)
PaymentFlagStatus	String(10)	Status of flagging to co-partner
RequestID	String(30)	Unique ID generated by BCA
Reference	String(15)	Reference ID for payment. (only for non multi bills)
DetailBills	JSONArray	
BillNumber	String(18)	Reference ID for each bills in a transaction. Generated by co-partner
BillReference	String(15)	Reference ID for each bills in a transaction. Generated by BCA. (multi settlement and multi bills)

Response

```
{
  "TransactionData": [
    {
      "DetailBills": [
        {
          "BillNumber": "1111111",
          "BillReference": ""
        },
        {
          "BillNumber": "2222222",
          "BillReference": ""
        }
      ],
      "RequestID": "201609131641563101000000006798",
      "TransactionDate": "2016-09-13T16:41:50.000+07:00",
      "PaymentFlagStatus": "Success",
      "Reference": "00006738101",
    }
  ]
}
```

```

    "TotalAmount": "50000",
    "PaidAmount": "50000"
  }
]
}

```

Errors

BCA API Uses following error schema:

```

{
  "ErrorCode" : "Error Code",
  "ErrorMessage" : {
    "Indonesian" : "Pesan error",
    "English" : "Error message"
  }
}

```

Here is the list of error codes that can be returned.

HTTP Code	Error Code	Error Message (Indonesian)	Error Message (English)
400	ESB-14-001	HMAC tidak cocok	HMAC mismatch
400	ESB-14-002	Permintaan tidak valid	Invalid request
400	ESB-14-003	Timestamp tidak valid	Invalid timestamp
400	ESB-14-004	Parameter input tidak valid	Invalid input parameter(s)
500	ESB-14-005	Sistem sedang dalam maintenance	System under maintenance
504	ESB-14-007	Timeout	Timeout
401	ESB-14-008	client_id/client_secret/grant_type tidak valid	Invalid client_id/client_secret/grant_type
401	ESB-14-009	Tidak berhak	Unauthorized

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HTTP Code	Error Code	Error Message (Indonesian)	Error Message (English)
400	ESB-99-038	Panjang field [FieldName] tidak valid	Panjang field [FieldName] tidak valid
400	ESB-14-017	Tidak berhak menggunakan data ini	Not allowed to use this data
400	ESB-99-039	Isian input [FieldName] tidak valid	Input for field [FieldName] not valid
400	ESB-99-009	Field [FieldName] harus diisi	Missing Mandatory field [FieldName]
404	ESB-99-132	Request tidak ditemukan	Request not found