Overbooking Casa (Without Fraud Checking)

Online REST – API Gateway Internal

Version 1.0

Bank Danamon

Document Information

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Document Version Control

Version	Date	Author	Description
1.0	16/08/2024	Bank Danamon	First Release

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General Specification

SIT URL   :   https://10.197.36.21:8066/api/transaction/v1.0/common/transfer/overbooking-casa-without-fds
UAT URL   :   https://api-internal-uat.danamon.co.id:8065/api/transaction/v1.0/common/transfer/overbooking-casa-without-fds
Production URL   :   https://api-internal.danamon.co.id:8065/api/transaction/v1.0/common/transfer/overbooking-casa-without-fds
Protocol   :   HTTPS
Method   :   POST
Message Type   :   Webservice REST-JSON
Security   :   API Key Security HTTPS
Hash Type   :   HMAC_SHA512/HMAC_SHA256
Authentication   :   API KEY

Detail Specifications

1. Request Header

1.1 Header Request Specifications

Field Name		Data Type	Format	Description	Sample	Remarks
Content-Type	M	String	Alphanumeric	Content of your request body	application/json	
BDI-Key	M	String (40)	Alphanumeric	API Key Provided by Internal API Gateway	962489e9-de5d-4eb7-92a4-b07d44d64bf4	
BDI-External-ID	M	String (36)	Alphanumeric	Reference number generated by Channel and must be unique	CHNL0123456	
BDI-Timestamp	M	String	yyyy-MM-dd'T'HH:mm:ssXXX	Transaction date time. Time must be in GMT+7 (Jakarta time)	2020-12-17T10:55:00+07:00	ISO8601
BDI-Channel	M	String (7)	Alphanumeric	Specific Channel ID	WSA	
BDI-Service-Code	M	String (15)	Alphanumeric	Unique service code, defined by API Publisher	FT_EFTON_N	
BDI-Signature	C	String	Alphanumeric	For **generate signature**, please refer to document below use this header if you are using HMAC_SHA512	jdpPRGWFRUXWEtw0yC1XbF4UBQBer4CfXBUb0LMtGSE=	
BDI-Signature-256	C	String	Alphanumeric	For **generate signature**, please refer to document below use this header if you are using HMAC_SHA256	jdpPRGWFRUXWEtw0yC1XbF4UBQBer4CfXBUb0LMtGSE=	

* Legend :
 O : Optional
 M : Mandatory
 C : Conditional

Generate Signature

For generate Signature, use this component

If Request is 'POST' or 'PUT'

HMAC_SHA512 / HMAC_SHA256 (Secret Key, BDI-Timestamp + Request Body)

If Request is 'GET' or 'DELETE'

HMAC_SHA512 / HMAC_SHA256 (Secret Key, BDI-Timestamp)

Output Format: **Base64**

a. **BDI-Timestamp**
   Please refer to the document before it
b. **Secret Key**
   Secret Key generate by Bank Danamon
c. **Request Body**
   Request body is performed according to the following rule:
   - All Carriage return, "\r" are stripped.
   - All line feed character, "\n" are stripped.
   - All tab character, "\t" are stripped.
   - All space or whitespace character "\s" are stripped.

Sample Request Body	The JSON request above will become

{
  "request1": "hello",
    "request2": "hello world"
  }
	{"request1":"hello","request2":"helloworld"}

1.2 Header Request Sample

Content-Type	:	application/json
BDI-Key	:	962489e9-de5d-4eb7-92a4-b07d44d64bf4
BDI-External-ID	:	CHNL0123456
BDI-Timestamp	:	2020-12-17T10:55:00+07:00
BDI-Channel	:	WSA
BDI-Service-Code	:	FT_EFTON_N
BDI-Signature	:	jdpPRGWFRUXWEtw0yC1XbF4UBQBer4CfXBUb0LMtGSE=

1.3 Header Response Specifications

Field Name		Data Type	Format	Description	Sample	Remarks
Content-Type	M	String	Alphanumeric	Content of your request body	application/json	
BDI-External-ID	M	String (36)	Alphanumeric	Reference number generated by Channel and must be unique	CHNL0123456	
BDI-Timestamp	M	String	yyyy-MM-dd'T'HH:mm:ssXXX	Transaction date time. Time must be in GMT+7 (Jakarta time)	2020-12-17T10:55:00+07:00	ISO8601
X-CorrelationID	M	String	Alphanumeric	API GW Internal trace ID	Id-6cfc1365eaae36c86b162e29	

* Legend :
O : Optional
M : Mandatory
C : Conditional

1.4 Header Response Sample

Content-Type	:	application/json
BDI-External-ID	:	CHNL0123456
BDI-Timestamp	:	2020-12-17T10:55:00+07:00
X-CorrelationID	:	Id-6cfc1365eaae36c86b162e29

2. Body

2.1 Request

Field Name		Data Type	Format	Description	Sample	Remarks
header	M	Array				
codOrgBrn	M	String(4)	Alphanumeric	Org Branch Code	9999	
body	M	Object				
acctIdFrom	M	Object				
atmCardNo	O	String (20)	Numeric	ATM Card Number		
acctIdF	M	String (16)	Numeric	Account ID	3558780833	
acctTypeF	M	String (2)	Numeric	Account Type 00, 21, 26, 20	26	
costCtrF	O	String (5)	Numeric	(From) Cost Center		
acctIdTo	M	Object				
acctIdT	M	String (16)	Numeric	Account ID	3533543900	
acctTypeT	M	String (2)	Numeric	Account Type 00, 21, 26, 20	26	
costCtrT	O	String (5)	Numeric	(To) Cost Center		
xferInfo	M	Object				
xferAmt	M	String (15)	Numeric	Transfer Amount	10000 (last 2 digits are decimal point)	
xferdesc1	O	String (75)	Alphanumeric	Transfer Description 1	7915000009394585 PEMBAYARAN UNTUK AKULAKU FINANCE	
xferdesc2	O	String (75)	Alphanumeric	Transfer Description 2	AKULAKU FINANCE	

* Legend :
  O : Optional
  M : Mandatory
  C : Conditional

2.2 Request Sample

```
{
  "header": [
    {
      "codOrgBrn": "9999"
    }
  ],
  "body": {
    "acctIdFrom": {
      "aTMCardNo": "",
      "acctIdF": "003558780833",
      "acctTypeF": "26",
      "costCtrF": ""
    },
    "acctIdTo": {
      "acctIdT": "003533543900",
      "acctTypeT": "26",
      "costCtrT": ""
    },
    "xferInfo": {
      "xferAmt": "10000",
      "xferdesc1": "7915000009394585 PEMBAYARAN UNTUK AKULAKU FINANCE",
      "xferdesc2": "AKULAKU FINANCE"
    }
  }
}
```

2.3 Response

Field Name		Data Type	Format	Description	Sample	Remarks
responseCode	M	String (10)	Alphanumeric	Response Code	200R000000	
responseMessage	M	String (200)	Alphanumeric	Response Message/Description	Successful	
subStatusProvider		Object				
providerSystem	M	String (20)	Alphanumeric	The core services / publisher entity	NCBS	
statusCode	M	String (20)	Alphanumeric	Core services / publisher Status Code	0000000	
statusDesc	M	String (200)	Alphanumeric	Core services / publisher Status Message	Success	
data		Object				
traceId	M	String (23)	Alphanumeric	Trace ID	2024011813 2400330037 5977	

* Legend :
  O   :   Optional
  M   :   Mandatory
  C   :   Conditional

2.4 Response Sample

2.4.1 Response Success Sample

```
{
 "responseCode": "200R000000",
 "responseMessage": "Successful",
 "subStatusProvider": {
  "providerSystem": "NCBS",
  "statusCode": "0000000",
  "statusDesc": "SUCCESS"
 },
 "data": {
  "traceId": "20240118132400330375977"
 }
}
```

2.4.2 Response Error Sample

```
{
  "responseCode": "403R002004",
  "responseMessage": "Account Not Found",
  "subStatusProvider": {
    "providerSystem": "NCBS",
    "statusCode": "2853",
    "statusDesc": "Account not found for - 00355878083"
  },
  "data": {
    "traceId": "20230912162308173037342 4"
  }
}
```

2.4.3 Response Error API GW Sample

```
{
  "responseCode": "504R000000",
  "responseMessage": "Timeout"
  "subStatusProvider": {
    "providerSystem": "API-GW",
    "statusCode": "504R000000",
    "statusDesc": "Timeout"
  },
  "data": null
}
```

3. Response Code

Http Code	RC Group	Case Code	Response Message	Description	Response Code
200	R000	000	Successful	Successful	200R000000
400	R002	001	Invalid Field Format {Field Name}	Invalid Format	400R002001
400	R002	002	Invalid Mandatory Field {Field Name}	Missing or invalid format on mandatory field	400R002002
401	R002	003	Invalid Token	Token found in request is invalid (Access Token Not Exist, Access Token Expiry)	401R002003
500	R002	001	Internal Server Error	Something went wrong, please try again later	500R002001
403	R002	062	Invalid channelId or svcCode	Invalid channelId or svcCode	403R002062

Additional Notes