



PARADISE APPLICATION

API SPECIFICATION

GETSIMTYPE

Version: 1

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Author:



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2. Document History

2.1. Revision History

Revision Number	Revision Date	Name	Summary of Changes	Changes marked

2.2. Approval

This document requires following approvals. Signed approval forms are filled in the Quality section of the PCB.

Name	Title
Ulliy Suciati	TELKOMSEL – IT Supply & Resource Management
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2.3. Distribution

This document has been distributed to

Name	Title
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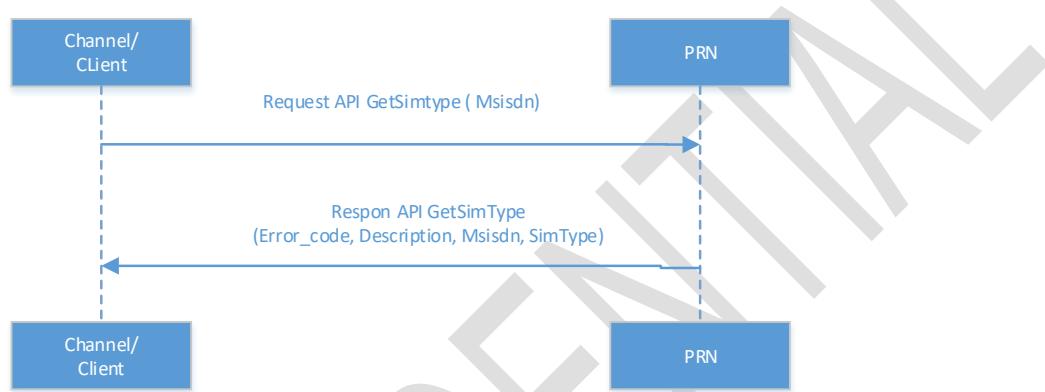
3. Service Flow

Currently sim card technology has developed, where currently there is a system that uses electronic Simcard (esim), for that telkomsel business will use this technology.

One of the needs for this online esim process is an api to view Information Sim type.

This function is used to validate the sim type, so that the information can be used for the next step : for journey migration esim to sim or sim to esim

3.1. Diagram Flow API GetSimType



4. API GETSIMTYPE

4.1. Api Request Specification

Api Name	GetSimType
Description	API for view SIM Type
Resource URL	Dev https://10.38.19.57.103:8195/PRNEsim/GetSimType Prod https://host:port/PRNEsim/GetSimType
Transport Protocol	HTTP(S)
Request Verb	POST
Content Type	application/json
Interaction Type	Synchronous
Security	Basic Authorization

4.1.1. Request Header

Parameter Request Header			
Name	Required	Acceptable Value	Sample
Content-Type	Y	application/json	Set value to "application/json"
x-auth	Y	base64(secret, UNIX timestamp)	Timestamp : 1706174984 YWRpdGE6YWRpdGExMjM0NQ==
x-clientid	Y	client_id	105

4.1.2. Request Body

Parameter Request Body					
Name	Type	Required	Length	Description	Sample
METHOD	String	Y	10	Method Title API	GETSIMTYPE
CHANNEL_CODE	String	N	10	Channel 2nd party	88
MSISDN	String	Y	15	Number of MSISDN	081210001000, 6281210001000

Sample Request :

```
curl --location --request POST  
'https://10.38.19.57:8195/PRNEsim/GetSimType' \  
--header 'x-auth:  
WVdScGRHRTZZV1JwZEdFeE1qTTBOUT09OjE2ODg0NDYyMj  
Q4MTY' \  
--header 'x-clientid: 105' \  
--header 'Content-Type: text/plain' \  
--data-raw '{  
    "METHOD" : "GETSIMTYPE",  
    "CHANNEL_CODE" : "88",  
    "MSISDN" : "081210001000"  
}
```

4.2. API Response Specification

Parameter API Response				
Request will be replied in JSON Format				
Element Name	Type	Length	Description	Sample
REPLY	-	-		
METHOD	String	20	Method Title API	GETSIMTYPE
ERROR_CODE	String	3	Response Code	000
MESSAGE	String	100	Response Description	Successfully
DATA		-		
MSISDN	String	15	Number of MSISDN	081210001000, 6281210001000
SIM_TYPE	String	10	Type of SIM	ESIM / SIMCARD
ESIM_LOCATION	String	10	ESIM Cluser	WEST, EAST, 0
IS_GN	String	2	Golden Number Flag	0 : Regular Number 1 : Golden Number

Sample Response Success

```
{  
    "REPLY": {  
        "METHOD": "GETSIMTYPE",  
        "MESSAGE": "SUCCESSFULLY",  
        "ERROR_CODE": "000"  
    },  
    "DATA": {  
        "MSISDN": "081109100047",  
        "SIM_TYPE": "ESIM",  
        "ESIM_LOCATION": "WEST",  
        "IS_GN": "0",  
    }  
}
```

Sample Response Failed

```
{  
    "REPLY": {  
        "METHOD": "GETSIMTYPE",  
        "MESSAGE": "MSISDN NOT FOUND !",  
        "ERROR_CODE": "001"  
    },  
    "DATA": {  
        "MSISDN": "081109100049",  
        "SIM_TYPE": "-",  
        "ESIM_LOCATION": "-",  
        "IS_GN": "-"  
    }  
}
```

4.3. API Response Error Code

Error Code	Message	Note
000	SUCCESS	Success Trx
001	MSISDN NOT FOUND !	Business Error
002	INVALID AUTHENTICATION	Business Error
003	CLIENT ID NOT FOUND	Business Error
004	IP IS NOT WHITE LIST !	Business Error
111	OOPS. SOMETHING WRONG. PLEASE TRY AGAIN LATER. IF THE PROBLEM CONTINUES, CONTACT YOUR ADMINISTRATOR	System Error
112	REQUEST METHOD HANYA BISA POST	System Error
113	METHOD NOT VALID!	Business Error
114	TIME OUT !	System Error