



PARADISE APPLICATION

API SPECIFICATION

SET SIMTYPE ESIM

Version: 3

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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
V2	29 Jan 2024	Ulliy Suciati	Update sample parameter: MSISDN, ESIM_LOCATION	
V3	7 Feb 2024	Ulliy Suciati	Change Error Code 002- INVALID AUTHENTICATION	

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
Muhammad Mastur	TELKOMSEL – Head of Supply and Resource Management Department
Irni Ardyani Dewi	PT. Azec Indonesia Management Services

2.3. Distribution

This document has been distributed to

Name	Title
Ulliy Suciati	TELKOMSEL – IT Supply & Resource Management
Muhammad Mastur	TELKOMSEL – Head of Supply and Resource Management Department
Irni Ardyani Dewi	PT. Azec Indonesia Management Services

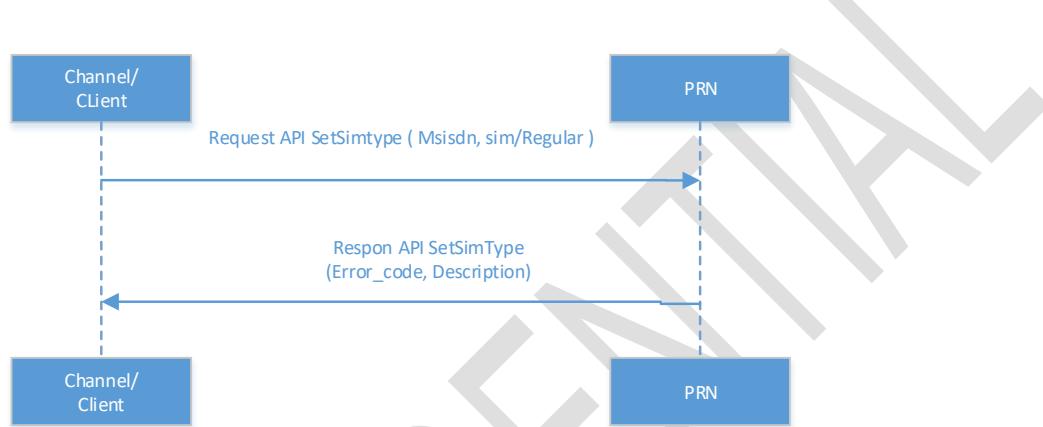
3. Service Flow

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 update Information Sim type.

How it works, After the number has been success inject esim, the surrounding will hit api update sim type for update data in Paradise.

3.1. Diagram Flow API SETSimType



4. API SETSIMTYPE

4.1. API Request Specification

API Name	SetSimType
Description	API for update Sim type Esim or Regular
Resource URL	Dev : https://10.38.19.57.103:8195/PRNEsim/SetSimType Prod https://host:port/PRNEsim/SetSimType
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 YW Rp dGE6 YW Rp dGExMjM 0NQ==
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	SETSIMTYPE
CHANNEL_CODE	String	N	10	Channel 2nd party	88
MSISDN	String	Y	15	Number of MSISDN	081210001000 or 6281210001000
SIM_TYPE	String	Y	10	Type Sim Type	ESIM, SIMCARD
ESIM_LOCATION	String	Y	10	Location Esim Area	WEST, EAST, or NULL

Sample Request :

```
curl --location --request POST  
'https://10.38.19.57:8191/PRNEsim/SetSimType' \  
--header 'x-auth:  
WVdScGRHRTZZV1JwZEdFeE1qTTBOUT09OjE2ODg0NDYyMj  
Q4MTY' \  
--header 'x-clientid: 105' \  
--header 'Content-Type: text/plain' \  
--data-binary '{  
    "METHOD" : "SETSIMTYPE",  
    "CHANNEL_CODE" : "88",  
    "MSISDN" : "081210001000",  
    "SIM_TYPE" : "ESIM",  
    "ESIM_LOCATION" : "",  
}
```

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	SETESIMTYPE
ERROR_CODE	String	3	Response Code	000
MESSAGE	String	100	Response Description	Successfully
DATA		-		
MSISDN	String	20	Msisdn Number	081210001000 or 6281210001000
SIM_TYPE	String	10	Type Of Simcard, esim or Regular	ESIM, SIMCARD
ESIM_LOCATION	String	10	Cluster	WEST, EAST, or NULL

Sample Response Success

```
{  
    "REPLY": {  
        "METHOD": "SETESIMTYPE",  
        "MESSAGE": "SUCCESSFULLY",  
        "ERROR_CODE": "000"  
    },  
    "DATA": {  
        "MSISDN": "081109100047",  
        "SIM_TYPE": "ESIM",  
        "ESIM_LOCATION": "",  
    }  
}
```

Sample Response Failed

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

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
005	SIM_TYPE NOT VALID !	Business Error
006	ESIM_LOCATION NOT VALID	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

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