SKYNET POSTCODE API Document

General Postcode API Document v. 1.1, updated 10 Jun 2020

SKYNET, one of the leading local carrier companies, has more than 27 years' experience in providing domestic and international carrier services. Established in 1992, SKYNET has established more than 90 stations at strategic locations in Malaysia. SKYNET provides next day delivery for its courier services; international freight; Air and Sea; logistics and warehousing; pick & pack and special projects for customers.

At **SKYNET**, each and every employee is our valuable asset, and we continue to develop them to their fullest potential.

With the increasing global warming, **SKYNET** is actively seeking ways to reduce the carbon footprint by reducing the usage of papers, plastic bags, and other non-biodegradable materials.

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a. *Harm Skynet and its subsidiaries;*
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d. *Use the APIs or Content for illegal purposes;*
e. *Remove any proprietary notices from our materials;*
f. *Use more Content than your Application needs;*
g. *Distribute Content to anybody other than your Application's users;*
h. *Use the Content for any other purpose other than for your users to use in your Application;*
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j. *Express or imply that your Application or your use of Content is sponsored by Skynet;*
k. *Use the APIs in an abusive way;*
l. *Disrupt or interfere with the Services or our systems;*
m. *Obfuscate Skynet elements from your users;*
n. *Modify any of our materials;*
o. *Use Content to facilitate bias;*
p. *Exceed API call limits;*
q. *Allow access to the standalone APIs;*
r. *Combine any Content retrieved via the APIs with other Skynet content;*
s. *Attempt to re-identify anonymized data;*
t. *Scrape Content from the Services.*
u. *Include inappropriate content in your Application; or*
v. *Commingle Content with third party data.*
You must not capture, copy or store any Content or any information expressed by the Content (such as hashed or transformed data), except to the extent permitted by these Terms.
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Rights Skynet Reserves
Although we make reasonable efforts to support the APIs, we have no obligation to do so. We have no obligation to provide any training or support to your customers. If we change any of the APIs in the future, your continued use implies that you agree to any changes made.

Prepared by: Skynet IT Department   **Contact email: scssupport@skynet.com.my**

Introduction:-

This API Postcode Documentation prepared and issued by SKYNET is to request Skynet's customers who are printing AWBs on their own, to also print out the "Dest Code" based on our API web services. This is to prevent shipments going to the wrong delivery location.

Authentication:-

A token will be required for authentication. For the purpose of this API, a generic token will be used.

Token:

JSON format will be used for all request and response.

All API requests should use the POST method

GetPostcode to return BranchCode

URL: http://api.skynet.com.my/api/sn/getpostcode

Request Post Body

#	Name	Description	Data Type	Attributes
1	access_token	It will be provided by Skynet.	String	Mandatory
2	functionstr	Use "getpostcode"	String	Mandatory
3	GetType	Use "postcode"	String	Mandatory
4	GetVal	The postcode of recipient address	String	Mandatory
5	AWBNumber	AWBNumber should be submitted if you have already assigned the recipient address to the AWB	String	Optional

Response body

Param	Description	Data Type	format
postcode	Postcode that was provided in the request param	String	
branchcode	Skynet branch code assigned to this delivery postcode	String	

Post body:

```
{
    "access_token":"*********YDD444444DD ",
    "functionstr":"getpostcode",
    "GetType":"postcode",
    "GetVal":"01000"
}
```

Post body if AWBNumber is available:

```
{
    "access_token":"******YDD444444DD",
    "functionstr":"getpostcode",
    "GetType":"postcode",
    "GetVal":"01000",
    "AWBNumber":"test123456"
}
```

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Response in Json format:

```
[
    {
        "postcode": "01000",
        "branchcode": "KGR"
    }
]
```

Response in Json format with AWBNumber

```
[
    {
        "postcode": "01000",
        "branchcode": "KGR",
        "AWBNumber": "test123456"
    }
]
```

Error Codes

#	Code	Status	Message
1	200	Error	Parameter is missing
2	401	Error	functionstr parameter is required
3	403	Error	GetType parameter is required
4	404	Error	GetVal parameter is required
5	50	Error	If not find any record
6	500	Error	
7	400	Error	Token Parameter is required
8	300	Error	Invalid Token

Response if body empty

```
{
    "code": "200",
    "status": "Error",
    "message": "Parameter is missing"
}
```

Response if missing access_token

```
{
    "code": "400",
    "status": "Error",
    "message": "Token Parameter is required"
}
```

Response if wrong access_token

```
{
    "code": "300",
    "status": "Error",
    "message": "Invalid Token"
}
```

Response if missing functionstr

```
{
    "code": "401",
    "status": "Error",
    "message": "functionstr parameter is required"
}
```

Response if missing GetType

```json
{
    "code": "403",
    "status": "Error",
    "message": "GetType parameter is required"
}
```

Response if missing GetVal

```json
{
    "code": "404",
    "status": "Error",
    "message": "GetVal parameter is required"
}
```

Response if there is no find any record in Skynet system.

```json
{
    "code": "50",
    "status": "Error",
    "message": "data not found!!"
}
```

Response if server under maintenance, concurrency, time expired etc

```json
{
    "code": "500",
    "status": "Error",
    "message": ""
}
```

Note: If you are consistently receiving Error Code 500, you can email us with your Name, Email and Post Body and Response

Tested by Postman: -

| Params | Authorization | Headers (9) | Body ● | Pre-request Script | Tests | Settings | | Cookies |

● none ● form-data ● x-www-form-urlencoded ● raw ● binary ● GraphQL JSON ▼   Beaut

```json
1  {
2      "access_token":"KAO6LLXOJR301DS5XGQ7",
3      "functionstr":"getpostcode",
4      "GetType":"postcode",
5      "GetVal":"01000"
6  }
```

Body Cookies Headers (12) Test Results   Status: 200 OK Time: 48 ms Size: 437 B   Save Response

Pretty Raw Preview Visualize   JSON ▼

```json
1  {
2      "postcode": "01000",
3      "branchcode": "KGR"
4  }
```